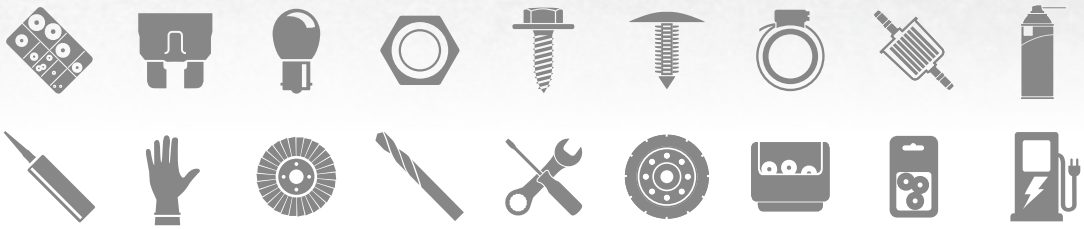
Product Guide

Issue **10**



workshop warehouse®

Helping to maintain industry

VISION
WIRELESS CHARGING

NEW FOR ISSUE 10
SEE PAGE 82

NEW VISION WIRELESS CHARGING PRODUCTS

Welcome to our latest catalogue

Bigger and better than ever and offering an extensive range of over 9,000 Part No.'s including hundreds of new lines. This comprehensive selection of quality workshop consumables and tools is trusted and used by trade professionals and helps you to provide the best selection of products from one handy catalogue.

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Quality Brands You Can Depend On

Our expanding range of quality consumables and tools consists of market leading industrial brands you can trust, confidently rely and depend on each and every time

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POLYGARD
JB WELD
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ABRACS abrasives and accessories
deb SKIN CARE
Speedfit
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alpen drill better.
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VISION
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HYCOTE THE PERFECT FINISH
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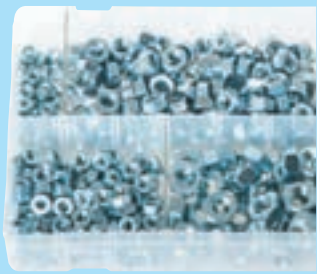
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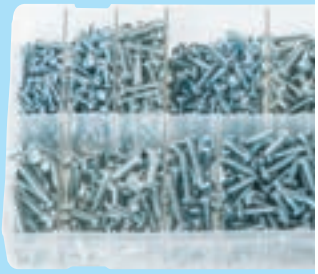
Assortments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Set Screws
High Tensile - Metric

Zinc plated steel. DIN 933 Grade 8.8.

Part No.	Box of
AB9N	150 Pieces

1 x M5: x 25 mm. 1 x M6: x 25 mm. 2 x M8: x 25, 40 mm.
2 x M10: x 25, 40 mm.

Set Screws
High Tensile - Metric

Zinc plated steel. DIN 933 Grade 8.8.

Part No.	Box of
AB564	290 Pieces

2 x M4: x 10, 20 mm. 3 x M5: x 10, 16, 30 mm.
5 x M6: x 10, 12, 16, 20, 30 mm. 4 x M8: x 16, 20, 30, 40 mm.
2 x M10: x 25, 30 mm. 3 x M12: x 20, 30, 40 mm.

M5 Fasteners

Zinc plated steel.
DIN 933 Grade 8.8 (Set Screws High Tensile).
DIN 934 (Steel Nuts). DIN 125 (Flat Washers).

Part No.	Box of
AB163N	550 Pieces

5 x Set Screws: M5 x 16, 20, 25, 40, 50 mm.
1 x Steel Nuts: M5. 1 x Flat Washers: M5.

M6 Fasteners

Zinc plated steel.
DIN 933 Grade 8.8 (Set Screws High Tensile).
DIN 934 (Steel Nuts). DIN 125 (Flat Washers).

Part No.	Box of
AB128N	485 Pieces

5 x Set Screws: M6 x 16, 20, 25, 35, 50 mm.
1 x Steel Nuts: M6. 1 x Flat Washers: M6.

Bolts
High Tensile - Metric

Zinc plated steel.
DIN 931.

Part No.	Box of
AB215	90 Pieces

2 x M5: x 30, 40 mm. 1 x M6: x 55 mm. 1 x M8: x 65 mm.
1 x M10: x 80 mm. 1 x M12: x 45 mm. 1 x M16: x 60 mm.

M8 Fasteners

Zinc plated steel.
DIN 933 Grade 8.8 (Set Screws High Tensile).
DIN 934 (Steel Nuts). DIN 125 (Flat Washers).

Part No.	Box of
AB129N	245 Pieces

5 x Set Screws: M8 x 20, 25, 40, 50, 75 mm. 1 x Steel Nuts: M8.
1 x Flat Washers: M8.

M10 Fasteners

Zinc plated steel.
DIN 933 Grade 8.8 (Set Screws High Tensile).
DIN 934 (Steel Nuts). DIN 125 (Flat Washers).

Part No.	Box of
AB130N	150 Pieces

4 x Set Screws: M10 x 25, 40, 50, 75 mm. 1 x Steel Nuts: M10.
1 x Flat Washers: M10.

Stainless Steel Set Screws
- Metric

Stainless Steel. DIN 933 Grade A2.

Part No.	Box of
AB154	120 Pieces

1 x M5: x 25 mm. 1 x M6: x 25 mm. 1 x M8: x 25 mm.
1 x M8: x 40 mm. 2 x M10: x 25, 40 mm.

Set Screws High Tensile - Metric Fine

Zinc plated steel.
DIN 961 Grade 8.8.

Part No.	Box of
AB11N	**140 Pieces**

1 x M5 (x 0.50 mm Pitch): x 25 mm.
1 x M6 (x 0.75 mm Pitch): x 25 mm.
2 x M8 (x 1.00 mm Pitch): x 25, 40 mm.
1 x M10 (x 1.25 mm Pitch): x 40 mm. 1 x M12 (x 1.50 mm Pitch) x 55 mm.

Set Screws High Tensile - UNC

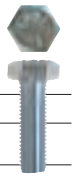
Zinc plated steel.
ANSI B18.2.1.1965 Grade 8.8 Equivalent.

Part No.	Box of
AB7N	**150 Pieces**

2 x 1/4" UNC: x 3/4", x 1". 2 x 5/16" UNC: x 1", x 1 1/2".
2 x 3/8" UNC: x 1", x 1 1/2".

Set Screws High Tensile - UNF

Zinc plated steel.
ANSI B18.2.1.1965 Grade 8.8 Equivalent.



Part No.	Box of
AB5N	**150 Pieces**

1 x 3/16" UNF: x 1". 1 x 1/4" UNF: x 1".
2 x 5/16" UNF: x 1", x 1 1/2". 2 x 3/8" UNF: x 1", 1 1/2".

Storage Rack for AB 'Flip Box'

PVC coated wire. Dimensions (H xW x D):
460 x 300 x 210 mm. (Boxes shown NOT included).

- **Holds up to 10 boxes for fast and easy retrieval.**
- **Can be free-standing or wall mounted.**

Part No.	Qty	Description
ABR	1	**Storage Rack**

AB 'Max Box' Carrying Case

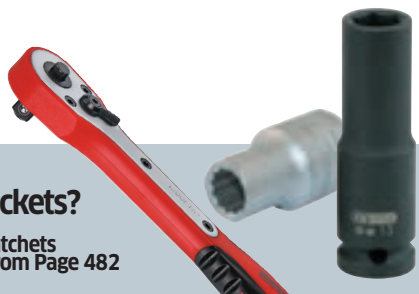
Made from cold rolled steel, finished in grey baked enamel.

- **Holds up to 5 boxes (NOT included).**
- **Keyhole slots enable case to be wall-mounted.**
- **Bolt holes enable cases to be stacked.**

Part No.	Qty	Description
SB101	1	**Carrying Case**

Looking for Spanners & Wrenches?

A comprehensive range of Spanners and Wrenches start from Page 480



Looking for Ratchets & Sockets?

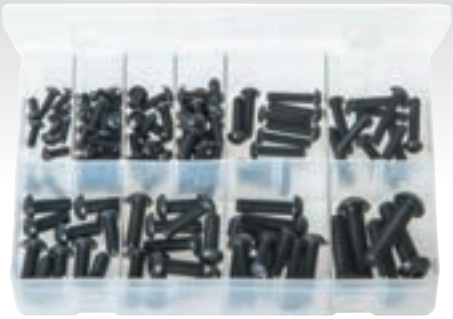
Our full range of Ratchets and Sockets start from Page 482

Socket Screws Cap Head - Metric Black

Black. DIN 912 Grade 12.9.

Part No.	Box of
AB92	100 Pieces

2 x M5: x 30, 40 mm. 2 x M6: x 30, 40 mm.
2 x M8: x 30, 40 mm. 2 x M10: x 30, 40 mm.

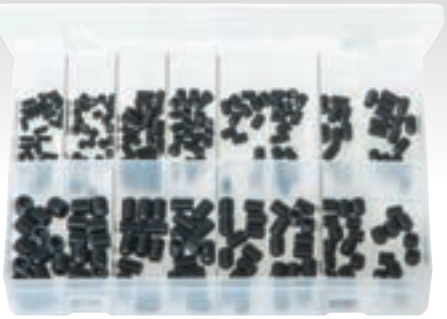


Socket Screws, Button Head - Metric Black

Black. Grade 10.9.

Part No.	Box of
AB204N	115 Pieces

2 x M5: x 12, 16 mm. 4 x M6: x 12, 16, 25, 30 mm.
3 x M8: x 20, 25, 30 mm. 1 x M10: x 40 mm.



Grub Screws - Metric

Black. DIN 916.

Part No.	Box of
AB17	250 Pieces

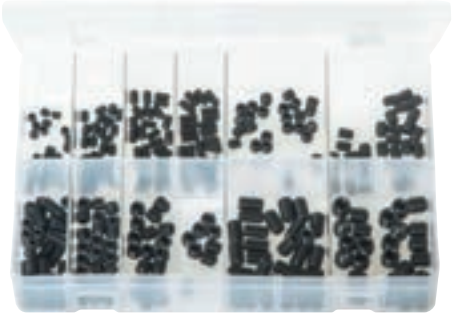
1 x M4: x 8 mm. 2 x M5: x 5, 10 mm. 3 x M6: x 6, 8, 10 mm.
3 x M8: x 8, 10, 12 mm. 1 x M10: x 10 mm.

Grub Screws - Metric

Black. Flat Point, Cone Point, Dog Point.

Part No.	Box of
AB219	130 Pieces

3 x Flat Point: M5 x 10, M8 x 35, M8 x 40.
2 x Cone Point: M6 x 12, M8 x 12. 2 x Dog Point: M8 x 16, M10 x 25.

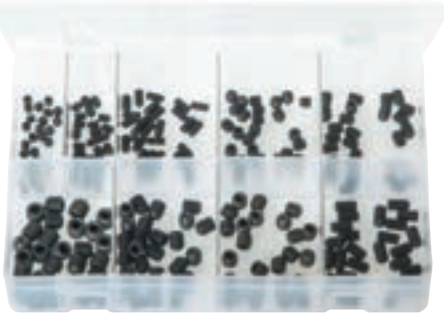


Grub Screws - UNC/BSW

Black. DIN 916.

Part No.	Box of
AB18	275 Pieces

4 x 3/16" UNC/BSW: x 3/16", 1/4", 5/16", 3/8".
3 x 1/4" UNC/BSW: x 1/4", 5/16", 1/2".
3 x 5/16" UNC/BSW: x 1/4, 5/16", 1/2". 1 x 3/8" UNC/BSW: x 3/8".



Grub Screws - UNF

Black. DIN 916.

Part No.	Box of
AB16	225 Pieces

3 x 3/16" UNF: x 3/16", 1/4", 3/8". 3 x 1/4" UNF: x 1/4", 5/16", 7/16".
2 x 5/16" UNF: x 5/16, 3/8". 1 x 3/8" UNF: x 3/8".

Socket Screws Cap Head - Metric Black

Black. DIN 912 Grade 12.9.

Part No.	Box of
AB562	270 Pieces

2 x M4: 12, 20 mm. 4 x M5: 16, 20, 30, 40 mm. 5 x M6: 12, 16, 20, 30, 40 mm. 4 x M8: 12, 20, 30, 40 mm.
2 x M10: 30, 40. 1 x M12: 50.

Socket Screws Cap Head - Metric

Zinc plated steel. DIN 912 Grade 12.9.

Part No.	Box of
AB563	300 Pieces

2 x M3: x 8, 16 mm. 2 x M4: x 20, 30 mm. 6 x M5: x 10, 16, 25, 30, 35, 40 mm.
4 x M6: x 20, 25, 30, 35 mm. 4 x M8: x 16, 20, 30, 45 mm. 3 x M10: x 25, 30, 40 mm. 1 x M12: x 25 mm.

Machine Screws (Body Screws) Pan Head, Pozi - Metric

Zinc plated steel. DIN 7985.

Part No.	Box of
AB134N	290 Pieces

3 x M4: x 12, 35, 50 mm. 4 x M5: x 20, 25, 40, 50 mm.
2 x M6: x 20, 25 mm.

Machine Screws (Body Screws) Countersunk, Pozi - Metric

Zinc plated steel. DIN 965.

Part No.	Box of
AB135N	250 Pieces

2 x M5: x 20, 25 mm. 3 x M6: x 20, 25, 50 mm. 1 x M8: x 20 mm.

Machine Screws Cheese Head, Slotted - Metric

Zinc plated steel. DIN 84 Grade 4.8.

Part No.	Box of
AB209N	435 Pieces

8 x M3: x 6, 8, 10, 12, 20, 25, 30, 50 mm. 2 x M4: x 6, 12 mm.
1 x M5: x 8. 2 x M6: 10, 20 mm.

Machine Screws with Nuts, Round Head, Slotted - BA

Zinc plated steel. BS 57.

Part No.	Box of
AB3	1,025 Pieces

8 x Machine Screws: 6BA x 3/4", 6BA x 1",
4BA x 3/4", 4BA x 1", 4BA x 2",
2BA x 1, 2BA x 1 1/2", 2BA x 2". 3 x Nuts: 6BA, 4BA, 2BA.

Machine Screws with Nuts, Round Head, Slotted - BA

Brass. BS 57.

Part No.	Box of
AB4N	410 Pieces

10 x Machine Screws: 6BA x 1/2", 6BA x 3/4", 6BA x 1",
4BA x 1/2", 4BA x 3/4", 4BA x 1",
2BA x 1/2", 2BA x 3/4", 2BA x 1", 2BA x 1 1/2".
3 x Nuts: 6BA, 4BA, 2BA.

Machine Screws with Nuts & Washers, Pan Head, Slotted - Metric

Zinc plated steel. DIN 85 & DIN 934.

Part No.	Box of
AB68N	840 Pieces

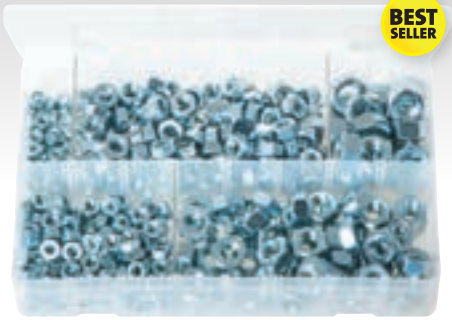
6 x Machine Screws: M3 x 8 mm, M3 x 20 mm,
M4 x 20 mm, M4 x 40 mm, M5 x 25 mm, M5 x 50 mm.
3 x Nuts: M3, M4, M5. 3 x Washers: M3, M4, M5.

Looking for Hex Keys?

A full range of Hex T-Handles and Hex Keys start from Page 476

Looking for Screwdrivers & Bits?

Our full range of Screwdrivers and Bits start from Page 470

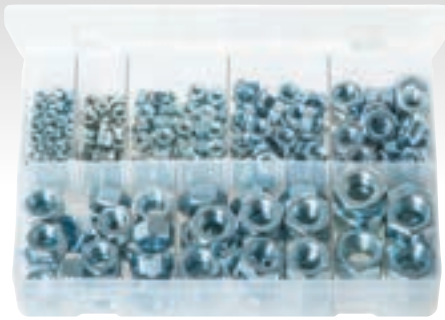


Steel Nuts - Metric (Popular Sizes)

Zinc plated steel.
DIN 934.

Part No.	Box of
AB10N	370 Pieces

5 x Sizes: M5, M6, M8, M10, M12.

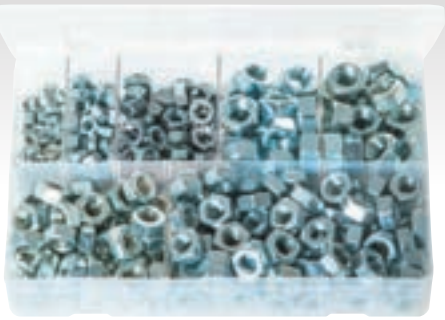


Steel Nuts - Metric

Zinc plated steel.
DIN 934.

Part No.	Box of
AB202N	275 Pieces

8 x Sizes: M4, M5, M6, M8, M10, M12, M14, M16.



Steel Nuts - Metric Fine

Zinc plated steel.
DIN 934.

Part No.	Box of
AB12N	350 Pieces

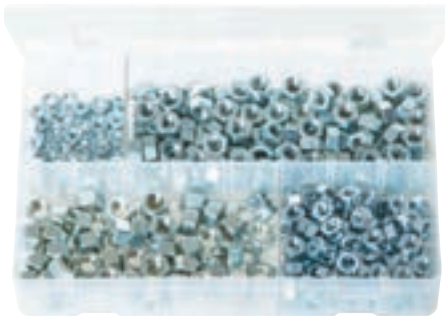
7 x Sizes: M5 x 0.50 mm, M6 x 0.75 mm, M8 x 1.00 mm, M10 x 1.00 mm, M10 x 1.25 mm, M12 x 1.25 mm, M12 x 1.50 mm.

Stainless Steel Nuts - Metric

Stainless Steel.
DIN 934 Grade A2.

Part No.	Box of
AB155	250 Pieces

4 x Sizes: M5, M6, M8, M10.

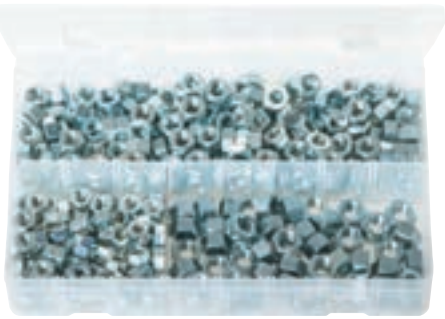


Steel Nuts - UNF

Zinc plated steel.
ANSI B18.2.2.

Part No.	Box of
AB6N	325 Pieces

4 x UNF: 3/16", 1/4", 5/16", 3/8".

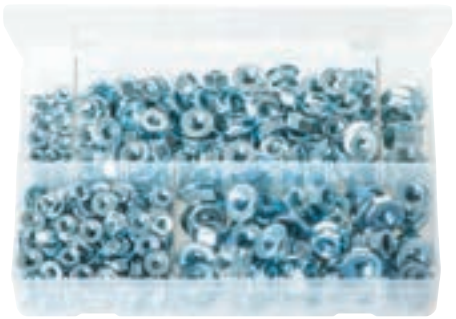


Steel Nuts - UNC

Zinc plated steel.
ANSI B18.2.2.

Part No.	Box of
AB8N	350 Pieces

3 x UNC: 1/4", 5/16", 3/8".



Serrated Flange Nuts - Metric

Zinc plated steel.
DIN 6923.

Part No.	Box of
AB104N	330 Pieces

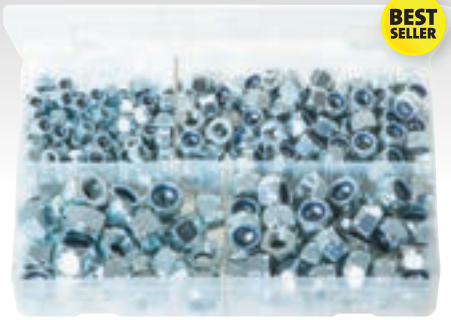
5 x Sizes: M5, M6, M8, M10, M12.

Steel Nuts & Nylon Lock Nuts

Zinc plated steel.
DIN 934 (Steel Nuts)/DIN 982 (Nylon Lock Nuts, P-Type).

Part No.	Box of
AB510	400 Pieces

5 x Sizes, Steel Nuts: M5, M6, M8, M10, M12.
7 x Sizes, Nylon Lock Nuts: M5, M6, M7, M8, M10, M12, M14.



Nylon Lock Nuts - Metric (Popular Sizes)

Zinc plated steel. P-Type.
DIN 982.

Part No.	Box of
AB15N	300 Pieces

4 x Sizes: M6, M8, M10, M12.

Nylon Lock Nuts - Metric

Zinc plated steel. P-Type.
DIN 982.

Part No.	Box of
AB201N	275 Pieces

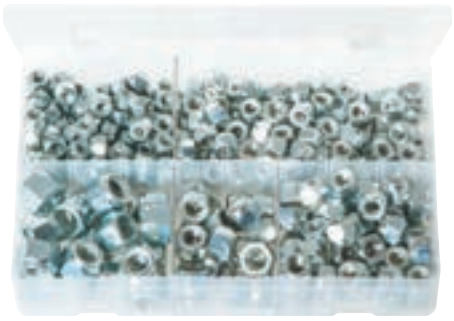
8 x Sizes: M4, M5, M6, M8, M10, M12, M14, M16.

Stainless Steel Nylon Lock Nuts - Metric

Stainless Steel.
T-Type. DIN 985 Grade A2.

Part No.	Box of
AB156N	225 Pieces

4 x Sizes: M5, M6, M8, M10.

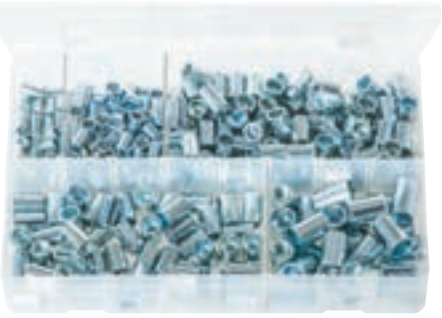


Nylon Lock Nuts - UNF

Zinc plated steel.
BS 4929 Equivalent.

Part No.	Box of
AB13N	290 Pieces

5 x UNF: 1/4", 5/16", 3/8", 7/16", 1/2".



Threaded Inserts - Regular

Zinc plated steel.

Part No.	Box of
AB78N	250 Pieces

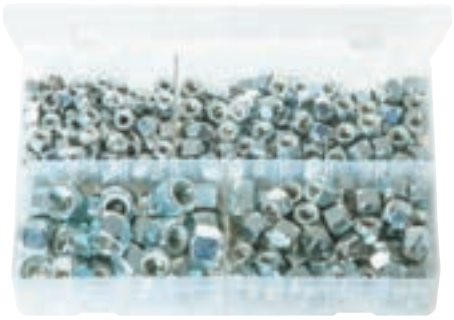
5 x Sizes: M4, M5, M6, M8, M10.

Threaded Inserts - Half Hex

Zinc plated steel.

Part No.	Box of
AB182	225 Pieces

4 x Sizes: M4, M5, M6, M8.



Nylon Lock Nuts - UNC

Zinc plated steel.
BS 4929 Equivalent.

Part No.	Box of
AB14N	275 Pieces

4 x UNC: 1/4", 5/16", 3/8", 1/2".

Threaded Inserts - Cylindrical Head Full Hex

Zinc plated steel. Large flange.

Part No.	Box of
AB181	250 Pieces

5 x Sizes: M4, M5, M6, M8, M10

Threaded Inserts - Splined

Zinc plated steel.

Part No.	Box of
AB183	225 Pieces

4 x Sizes: M4, M5, M6, M8.

Flat Washers 'Form A' - Metric

Zinc plated steel.
DIN 125 Type A. Heavy Gauge.

Part No.	Box of
AB76N	800 Pieces

9 x Sizes: M3, M4, M5, M6, M8, M10, M12, M16, M20.

Flat Washers 'Table 3' - Imperial

Zinc plated steel.
BS 3410 Table 3 (Heavy Gauge).

Part No.	Box of
AB20N	800 Pieces

6 x Sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2".

Stainless Steel Flat Washers - Metric

Stainless Steel. BS 4320 [Table 1] Form B Grade A2.
*DIN 125A (BS 4320 [Table 1] Form A) Grade A2.

Part No.	Box of
AB157	650 Pieces

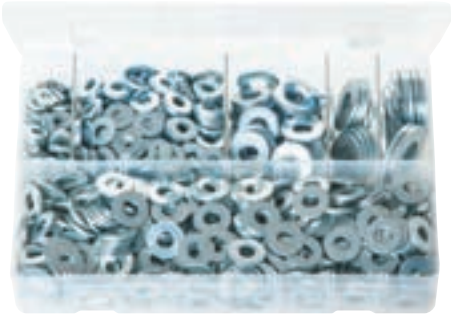
4 x Sizes: M5*, M6, M8, M10.

Flat Washers 'Form C' - Metric

Zinc plated steel.
BS 4320 Form C.

Part No.	Box of
AB119N	620 Pieces

6 x Sizes: M6, M8, M10, M12, M14, M16.



Flat Washers 'Table 4' - Imperial

Zinc plated steel.
BS 3410 Table 4 (Heavy Gauge).

Part No.	Box of
AB109N	920 Pieces

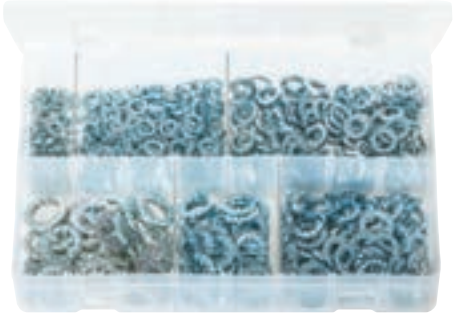
6 x Sizes: 3/16" x 1/2", 1/4" x 5/8", 5/16" x 3/4", 3/8" x 7/8", 1/2" x 1 1/8", 5/8" x 1 3/8".

Shim Washers

Zinc plated steel.

Part No.	Box of
AB28N	315 Pieces

8 x 0.010 Thick: 3/16" x 7/16", 1/4" x 9/16", 5/16" x 5/8", 3/8" x 3/4", 7/16" x 7/8", 1/2" x 1", 5/8" x 1 1/4", 3/4" x 1 1/2".
7 x 0.015 Thick: 1/4" x 9/16", 5/16" x 5/8", 3/8" x 3/4", 7/16" x 7/8", 1/2" x 1", 5/8" x 1 1/4", 3/4" x 1 1/2".



Lock Washers Serrated - Internal

Zinc plated steel.
DIN 6798.

Part No.	Box of
AB27N	800 Pieces

6 x Sizes: M5, M6, M8, M10, M11, M13.

Lock Washers Serrated - External

Zinc plated steel.

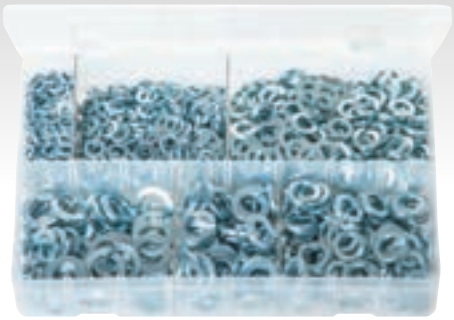
Part No.	Box of
AB208N	440 Pieces

8 x Sizes: M4, M5, M6, M8, M10, M12, M14, M16.

AB 'Flip Box'

Standard size transparent polypropylene box.
Complete with 8 dividers.
Dimensions (W x H x D): 215 x 45 x 140 mm.

Part No.	Qty	Description
ABM	1	AB Flip Box



Spring Washers - Imperial

Zinc plated steel.
Rectangular Section ANSI B18.21.1 Table 2.

Part No.	Box of
AB21N	800 Pieces

6 x Sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2".

Spring Washers - Metric

Zinc plated steel. Rectangular Section.
DIN 127B.

Part No.	Box of
AB77N	1,015 Pieces

8 x Sizes: M4, M5, M6, M8, M10, M12, M16, M20.

Stainless Steel Spring Washers - Metric

Stainless Steel. Square Section.
DIN 7980 Grade A2.

Part No.	Box of
AB158	650 Pieces

4 x Sizes: M5, M6, M8, M10.

Bonded Seals (Dowty Washers) - BSP

Metal with black nitrile rubber (NBR).
Self centralising.

Part No.	Box of
AB67N	100 Pieces

7 x Sizes: 1/8" BSP, 1/4" BSP, 3/8" BSP, 1/2" BSP, 5/8" BSP, 3/4" BSP, 1" BSP.

Bonded Seals (Dowty Washers) - Metric

Metal with black nitrile rubber (NBR).
Self centralising.

Part No.	Box of
AB107	90 Pieces

8 x Sizes: M10, M12, M14, M16, M18, M20, M22, M24.

Repair Washers - Imperial

Zinc plated steel.
1.37/1.69 mm thickness.

Part No.	Box of
AB22N	220 Pieces

6 x Sizes (I.D. x O.D.): 3/16" x 1", 1/4" x 1", 1/4" x 1 1/2", 5/16" x 1", 5/16" x 1 1/2", 3/8" x 1 1/2".

Fibre Washers - Metric

DIN 7603A.

Part No.	Box of
AB143	600 Pieces

8 x Sizes: M5 x 9 x 1.0, M6 x 10 x 1.0, M8 x 12 x 1.0, M10 x 14 x 1.0, M12 x 18 x 1.5, M14 x 20 x 1.5, M16 x 22 x 1.5, M18 x 24 x 1.5.

Fibre Washers - Imperial

WS 010.

Part No.	Box of
AB25N	600 Pieces

8 x Sizes: 13/64" x 3/8", 1/4" x 3/8", 5/16" x 5/8", 3/8" x 5/8", 29/64" x 11/16", 1/2" x 11/16", 5/8" x 7/8", 49/64" x 1".

Copper Washers - Imperial

WS 086.

Part No.	Box of
AB24N	400 Pieces

6 x Sizes: 3/16" x 7/16", 1/4" x 9/16", 5/16" x 5/8", 3/8" x 3/4", 7/16" x 7/8", 1/2" x 1" (M5, M6, M8, M10, M12).

Copper Sealing Washers - Metric

DIN 7603A.

Part No.	Box of
AB106	250 Pieces

16 x Sizes: M5 x 9 x 1.0, M6 x 10 x 1.0, M6 x12 x 1.0, M8 x 12 x 1.0, M8 x 14 x 1.0, M10 x 14 x 1.0, M10 x 16 x 1.0, M12 x 16 x 1.5, M12 x 18 x 1.5, M14 x 18 x 1.5, M14 x 20 x 1.5, M16 x 20 x 1.5, M16 x 22 x 1.5, M18 x 22 x 1.5, M18 x 24 x 1.5, M20 x 26 x 1.5 mm.

Copper Sealing Washers - Metric

DIN 7603A.

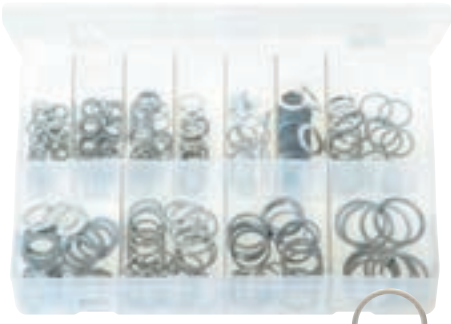
Part No.	Box of
AB505	1,050 Pieces

16 Sizes: M5 x 9 x 1.0, M6 x 10 x 1.0, M6 x12 x 1.0, M8 x 12 x 1.0, M8 x14 x 1.0, M10 x 14 x 1.0, M10 x16 x 1.0, M12 x 16 x 1.5, M12 x18 x 1.5, M14 x 18 x 1.5, M14 x 20 x 1.5, M16 x 20 x 1.5, M16 x 22 x 1.5, M18 x 22 x 1.5, M18 x 24 x 1.5, M20 x 26 x 1.5 mm.

Copper Sealing Washers - Imperial/BSP

Part No.	Box of
AB23	225 Pieces

16 x Sizes: 1/4" (.265 x .375 x 20g), 1/4" (.265 x .437 x 20g), 1/4" (.265 x .500 x 20g), 5/16" (.323 x .437 x 20g), 5/16" (.323 x .500 x 20g), 1/8" BSP (3/8") (.390 x .590 x 20g), 1/8" BSP (3/8") (.390 x .590 x 18g), 1/4" BSP (.530 x .720 x 20g), 1/4" BSP (.530 x .750 x 18g), 3/8" BSP (21/32") (.665 x .875 x 18g), 1/2" BSP (13/16") (.830 x 1.00 x 18g), 1/2" BSP (13/16") (.830 x 1.04 x 18g), 5/8" BSP (29/32") (.910 x 1.13 x 16g), 3/4" BSP (1.05 x 1.32 x 16g), 7/8" BSP (1.20 x 1.50 x 16g), 1" BSP (15/16") (1.32 x 1.62 x 16g).



Aluminium Washers - Metric

DIN 7603A.

Part No.	Box of
AB149	260 Pieces

11 x Sizes: M6 x 10, M8 x 11, M10 x 13, M10 x 14, M12 x 16, M12 x 18, M14 x 18, M14 x 20, M16 x 20, M17 x 21, M22 x 27.

Copper Washers - Imperial

WS 086.

Part No.	Box of
AB24N	400 Pieces

6 x Sizes: 3/16" x 7/16", 1/4" x 9/16", 5/16" x 5/8", 3/8" x 3/4", 7/16" x 7/8", 1/2" x 1" (M5, M6, M8, M10, M12).

Copper Sealing Washers (Diesel Injector Washers)

Copper. DIN 7603A.

Part No.	Box of
AB142	250 Pieces

16 x Sizes: M6 x 10 x 1.0 (BOSCH 2916 710 602), M8 x 11.5 x 1.0 (LUCAS NW5-17W4, BOSCH 2916 710 646), M10 x 13.5 x 1.0 (BOSCH 2916 710 605), M10 x 14 x 1.0 (BOSCH 2916 710 649), M10 x 20 x 1.0 (MAN/PERKINS P.2411126), M10 x 20 x 2.0 (LUCAS 5339401, PERKINS P.0920113), M12 x 16 x 1.5 (BOSCH 2916 710 607), M12 x 18 x 1.5 (BOSCH 2916 710 608), M14 x 18 x 1.5 (BOSCH 2916 710 609), M14 x 20 x 1.5 (BOSCH 2916 710 610), M16 x 20 x 1.5 (BOSCH 2916 710 611), M17 x 21 x 1.5 (BOSCH 2916 710 611, GM 14025557), M21 x 25 x 1.0 (LUCAS NW5/59), M22 x 27 x 1.0 (LUCAS NW5/60).

Sump Plug Washers

Part No.	Box of
AB117N	265 Pieces

4 x Copper Compression: 12 x 17 x 2.00, 14 x 20 x 2.0, 16 x 22 x 2.0, 18 x 24 x 2.0 mm.
4 x Flat Copper: 10 x 20 x 2.00, 12 x 17 x 1.5, 14 x 20 x 1.5, 14 x 20 x 2.0 mm.
2 x Aluminium: 14 x 22 x 2.0, 18 x 24 x 1.5 mm.
2 x Flanged Rubber O-ring: 11 x 21 2.5, 13 x 22 x 3.0 mm. 1 x Nitrile Rubber O-Ring: 18 x 2 NBR.
1 x Fibre: 12 x 24 x 2.0 mm. 1 x Bonded Seal: 16.7 x 24 mm.

AB 'Flip Box'

Standard size transparent polypropylene box.
Complete with 8 dividers.
Dimensions (W x H x D): 215 x 45 x 140 mm.

Part No.	Qty	Description
ABM	1	AB Flip Box

O-Rings - Metric

Nitrile rubber. BS 4518.

Part No.	Box of
AB81	325 Pieces

4 x I.D. x Thickness: 4.1 x 1.6, 6.1 x 1.6, 10.1 x 1.6, 12.1 x 1.6.
4 x I.D. x Thickness: 7.6 x 2.4, 9.6 x 2.4, 11.6 x 2.4, 12.6 x 2.4
2 x I.D. x Thickness: 19.5 x 3.0, 24.5 x 3.0.

O-Rings - Imperial

Nitrile rubber. BS 1806.

Part No.	Box of
AB61	325 Pieces

10 x ARP/BS: 008, 010, 011, 012, 013, 014, 016, 116, 118, 120.

O-Ring Splicing Kit

Nitrile rubber.

Part No.	Description
AB126	14 Piece Kit

5 x Imperial Nitrile Rubber Cord, 1 m Lengths: 1/16", 3/32", 1/8", 3/16", 1/4".
6 x Metric Nitrile Rubber Cord, 1 m Lengths: 1.6, 2, 3, 4, 5, 5.7 mm.
1 x Trimming Knife. 1 x Cutting Block. 1 x S.A.S Super Glue: 5g.

BEST SELLER

O-Rings Service Kit - Metric

Nitrile rubber. BS 4518.

Part No.	Box of
AB100	404 Pieces

30 x Sizes (Peg Ref) I.D. x Thickness:
3 x 2 (006), 4 x 2 (007), 5 x 2 (008), 6 x 2 (009), 7 x 2 (010), 8 x 2 (011),
10 x 2 (012), 10 x 2.5 (110), 11 x 2.5 (111), 12 x 2.5 (112), 14 x 2.5 (113),
16 x 2.5 (114), 17 x 2.5 (115), 19 x 2.5 (116), 19 x 3 (210), 20 x 3 (211),
22 x 3 (212), 24 x 3 (213), 25 x 3 (214), 27 x 3 (215), 28 x 3 (216),
30 x 3 (217), 32 x 3 (218), 33 x 3 (219), 35 x 3 (220), 36 x 3 (221),
38 x 3 (222), 38 x 4 (325), 41 x 4 (326), 44 x 4 mm (327).

BEST SELLER

O-Rings Service Kit - Imperial

Nitrile rubber. BS 1806.

Part No.	Box of
AB101	382 Pieces

30 x Sizes (ARP/BS) I.D. x Thickness:
2.90 x 1.78 (006), 3.68 x 1.78 (007), 4.48 x 1.78 (008), 5.28 x 1.78 (009),
6.07 x 1.78 (010), 7.66 x 1.78 (011), 9.25 x 1.78 (012), 9.19 x 2.62 (110),
10.78 x 2.62 (111), 12.37 x 2.62 (112), 13.95 x 2.62 (113),
15.54 x 2.62 (114), 17.13 x 2.62, (115), 18.72 x 2.62 (116),
18.64 x 3.53 (210), 20.22 x 3.53 (211), 21.82 x 3.53 (212),
23.40 x 3.53 (213), 24.99 x 3.53 (214), 26.58 x 3.53 (215),
28.17 x 3.53 (216), 29.75 x 3.53 (217), 31.34 x 3.53 (218),
32.92 x 3.53 (219), 34.52 x 3.53 (220), 36.10 x 3.53 (221),
37.69 x 3.53 (222), 37.47 x 5.33 (325), 40.65 x 5.33 (326),
43.82 x 5.33 (327).

Air Conditioning O-Rings Kit

Highly saturated nitrile O-rings for use with Freon R134a.
Supplied in a hinged plastic case.

Part No.	Description
HAC200	270 Piece Kit

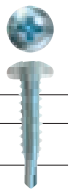
18 x Sizes (I.D. x Thickness):
5.29 x 1.78 (7/32" x 1/16"), (1/4" x 1/16"), 6.07 x 1.78,
6.8 x 1.9, 7.65 x 1.78 (5/16" x 1/16"), 7.8 x 1.9, 8 x 2, 8.8 x 1.9 (20 pcs).
10.82 x 1.78 (7/16" x 1/16"), 10.77 x 2.62 (7/16" x 3/32"),
11 x 2, 12 x 2 (15 pcs). 13.9 x 1.8, 13.95 x 2.62 (9/16" x 3/32"),
14 x 2, 15 x 2, 17 x 2, 17.17 x 1.78 (11/16" x 1/16"),
17.04 x 3.53 mm (11/16" x 1/8") (10 pcs).

Self-Drilling Screws Pan Head - Phillips

Zinc plated steel. DIN 7504N.

Part No.	Box of
AB137	500 Pieces

3 x No. 6: x 1/2", 3/4", 1". 3 x No. 8: x 1/2", 3/4", 1".
5 x No. 10: x 1/2", 3/4", 1", 1 1/2", x 2".

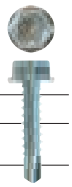


Self-Drilling Screws Hex Head

Zinc plated steel. DIN 7504K.

Part No.	Box of
AB138	400 Pieces

3 x No. 8: x 1/2", 3/4", 1".3 x No. 10: x 1/2", 3/4", 1".
3 x No. 12: x 1", 1 1/2", 2".

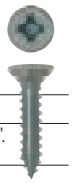


Self-Tapping Screws Countersunk - Pozi

AB Type. Zinc plated steel. DIN 7982/C/Z.

Part No.	Box of
AB63N	550 Pieces

4 x No. 6: x 5/8", 3/4", 1", 1 1/2".4 x No. 8: x 5/8", 3/4", 1", 1 1/2".
4 x No. 10: x 5/8", 3/4", 1", 1 1/2".

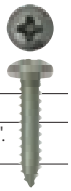


Self-Tapping Screws Pan Head - Pozi (Small Sizes)

AB Type. Zinc plated steel. DIN 7981/C/Z.

Part No.	Box of
AB2	700 Pieces

1 x No. 4: x 1/2". 2 x No. 6: x 1/2", 3/4". 3 x No. 8: x 1/2", 3/4", 1".
3 x No. 10: x 1/2", 3/4", 1". 2 x No. 12: x 3/4", 1".



Self-Tapping Screws Pan Head - Pozi (Large Sizes)

AB Type. Zinc plated steel. DIN 7981/C/Z.

Part No.	Box of
AB94	300 Pieces

4 x No. 10: x 1/2", 3/4", 1", 1 1/2". 3 x No. 12: x 3/4", 1", 1 1/2".
2 x No. 14: x 1", 1 1/2".

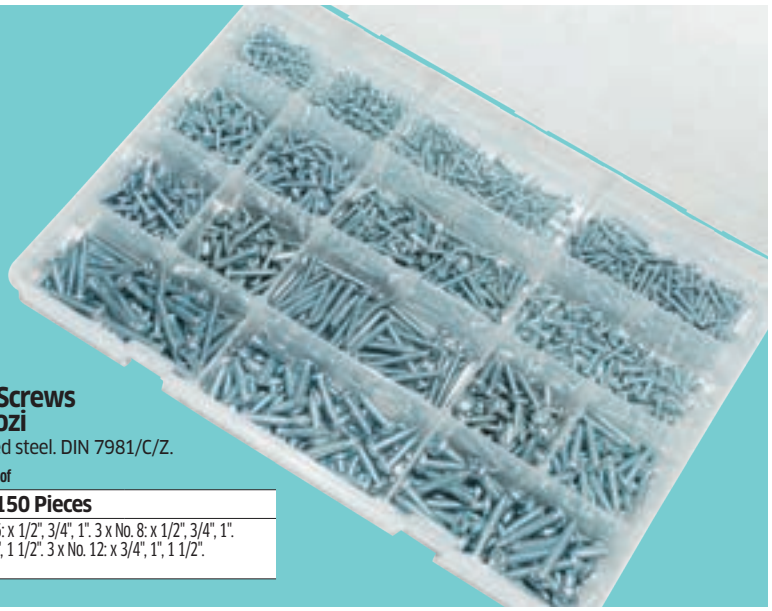
Stainless Steel Self-Tapping Screws Pan Head - Pozi

AB Type. Stainless Steel. DIN 7981 Grade A2.

Part No.	Box of
AB141	450 Pieces

3 x No. 6: x 1/2", 3/4", 1". 3 x No. 8: x 1/2", 3/4", 1".
3 x No. 10: x 1/2", 3/4", 1".

MAX BOX



Self-Tapping Screws Pan Head - Pozi

AB Type. Zinc plated steel. DIN 7981/C/Z.

Part No.	Box of
AB507	1,150 Pieces

1 x No. 4: x 1/2". 3 x No. 6: x 1/2", 3/4", 1". 3 x No. 8: x 1/2", 3/4", 1".
4 x No. 10: x 1/2", 3/4", 1", 1 1/2". 3 x No. 12: x 3/4", 1", 1 1/2".
2 x No. 14: x 1", 1 1/2".

Looking for Screwdrivers & Bits?

Our full range of Screwdrivers and Bits start from Page 470

Multi-Use Screws Countersunk - Pozi

Zinc plated steel.

Part No.	Box of
AB140	**525 Pieces**

3 x No. 6: x 3/4", 1", 1 1/2". 4 x No. 8: x 3/4", 1", 1 1/2", 2".
3 x No. 10: x 1 1/2", 2", 2 1/2". 1 x No. 12: x 2".

Self-Tapping Screws Flanged - Pozi Black

AB Type. Black zinc plated steel. BS 4174.

Part No.	Box of
AB71	**700 Pieces**

2 x No. 6: x 1/2", 3/4". 4 x No. 8: x 1/2", 3/4", 1", 1 1/2".
3 x No. 10: x 1/2", 3/4", 1".

Self-Tapping Screws Flanged Pan Head - TORX® Black

AB Type. Black zinc plated steel. BS 4174.

Part No.	Box of
AB168N	**450 Pieces**

1 x No. 6: x 5/8". 1 x No. 7: x 3/4". 3 x No. 8: x 5/8", 3/4", 1".
1 x No. 10: x 5/8".

AB 'Flip Box'

Standard size transparent polypropylene box.
Complete with 8 dividers.
Dimensions (W x H x D): 215 x 45 x 140 mm.

Part No.	Qty	Description
ABM	1	**AB Flip Box**

Self-Tapping Screws Flanged Pan Head - Pozi

AB Type. Black zinc plated steel. BS 4174.

Part No.	Box of
AB506	**1,250 Pieces**

6 x No. 6: x 3/8", 1/2", 5/8", 3/4", 1", 3/8".
5 x No. 8: x 1/2", 5/8", 3/4", 1", 1 1/2". 4 x No. 10: x 1/2", 5/8", 3/4", 1".

Number Plate Fasteners with Plastic Head - Short

Self tapping screws with plastc head, 4.8 x 18 mm.

Part No.	Box of
AB184	**260 Pieces**

4 x Colours: White Yellow, Black, Blue.

Number Plate Fasteners

White, Yellow, Black.

Part No.	Box of
AB62	**240 Pairs**

1 x Self-Tapping Screw, Pan Head - Pozi: 8 x 3/4" (4.9 x 19 mm).
3 x Hinged Caps: White, Yellow, Black.
3 x Plastic Bolts & Nuts: White, Yellow, Black.

Security Number Plate Fasteners

Slotted One Way/Clutch Head Screws (Tamperproof).

Part No.	Box of
AB222	**200 Pieces**

1 x Self-Tapping Screw, Pan-Head - One-Way: 8 x 3/4" (4.9 x 19 mm).
4 x Hinged Caps: White, Yellow, Black, Blue.

Sheet Metal Screws & J-Nuts

Zinc plated steel. BS 4174 (Screws).

Part No.	Box of
AB51N	350 Pieces

3 x Washer-Faced Screws: No. 8, 10, 12.
1 x Screws with Captive Washers: No. 14.
4 x J-Nuts: No. 8, 10, 12, 14.

BEST SELLER

Sheet Metal Screws with Captive Washer

Zinc plated steel. DIN 7976 (Screws).

Part No.	Box of
AB132	300 Pieces

2 x 8 (4.2 mm): x 1/2" (13 mm), 3/4" (19 mm).
2 x 10 (4.8 mm): x 1/2" (13 mm), 3/4" (19 mm).
2 x 12 (5.5 mm): x 1/2" (13 mm), 3/4" (19 mm).
2 x 14 (6.3 mm): x 1/2" (13 mm), 3/4" (19 mm).

BEST SELLER

U-Nuts

Zinc plated steel.

Part No.	Box of
AB166	200 Pieces

10 x Sizes: No. 4, 6 (x 2), 8 (x 4),10, 12, 14.

MAX BOX

Sheet Metal Screws, U-Nuts & J-Nuts

Zinc plated steel. DIN 7976 (Screws), BS EN 10132 : 2000 (U-Nuts).

Part No.	Box of
AB504	600 Pieces

3 x Washer Faced Screws: 8 x 3/4" (4.2 x 19 mm), 10 x 3/4" (4.8 x 19 mm), 12 x 3/4" (5.5 x 19 mm).
8 x Captive Washer Screws: 8 x 1/2" (4.2 x 13 mm), 8 x 3/4" (4.2 x 19 mm), 10 x 1/2" (4.8 x 13 mm), 10 x 3/4" (4.8 x 19 mm), 12 x 1/2" (5.5 x 13 mm), 12 x 3/4" (5.5 x 19 mm), 14 x 1/2" (6.3 x 13 mm), 14 x 3/4" (6.3 x 19 mm).
6 x U-Nuts: No. 8 (4.2 mm) (3 x Sizes), No. 10 (4.8 mm), No. 12 (5.5 mm), No. 14 (6.3 mm).
1 x J-Nuts: No. 14 (6.3 mm).

BEST SELLER

U-Nuts & J-Nuts

Zinc plated steel.

Part No.	Box of
AB49N	250 Pieces

5 x U-Nuts: No. 6, 8, 10, 12, 14. 4 x J-Nuts: No. 8, 10, 12, 14.

Chimney Nuts

Zinc & Black.

Part No.	Box of
AB167N	60 Pieces

1 x Zinc: M5.
2 x Zinc: M6.
1 x Black: M6.

BEST SELLER

Flat Clips (Push-on Fixes)

Zinc plated steel.

Part No.	Box of
AB50	1,000 Pieces

3 x Round, Imperial: 3/32", 1/8", 3/8".
3 x Round, Metric (Imperial): 5 mm (3/16"), 6 mm (1/4"), 8 mm (5/16").
3 x Rectangular: 3/32", 1/8", 5/32".

BEST SELLER

AB 'Flip Box'

Standard size transparent polypropylene box.
Complete with 8 dividers.
Dimensions (W x H x D): 215 x 45 x 140 mm.

Part No.	Qty	Description
ABM	1	AB Flip Box

POP® Avdel®

BEST SELLER

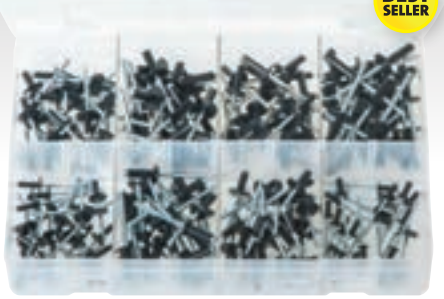
POP AVDEL 'Avex' Multi-grip Rivets with Washers

Aluminium.

Part No.	Box of
AB48N	440 Pieces

2 x Standard Flange, 3.2: x 10, 13 mm.
2 x Standard Flange, 4.0: x 12, 15 mm.
2 x Standard Flange, 4.8: x 13, 19 mm.
1 x Large Flange, 4.8: x 19 mm. 1 x Washers, M3 x 13.

BEST SELLER



Black Rivets

Black anodised aluminium.

Part No.	Box of
AB112	200 Pieces

1 x Standard Flange, 3.2 x 8 mm. 1 x Standard Flange, 4.0 x 10.
1 x Standard Flange, 4.8 x 14 mm. 1 x Large Flange, 3.2 x 10 mm.
2 x Large Flange, 4.0: x 10, 14 mm. 2 x Large Flange, 4.8: x 14, 18 mm.

Rivets - Sealed Type (Closed End)

Aluminium. DIN 7337.

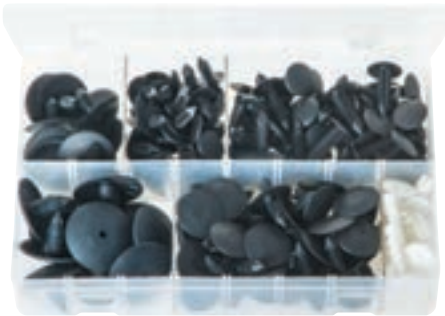
Part No.	Box of
AB146N	200 Pieces

5 x Sizes: 4.8 x 10, 12, 14, 16, 18 mm.

Trim Buttons

Part No.	Box of
AB151	220 Pieces

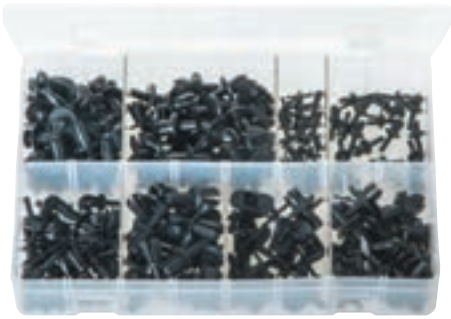
1 x Canoe Clip: FIX1.
1 x Self Pierce: FIX34.
1 x Trim Buttons: FIX35 .
2 x Multi-Step: FIX30, FIX33.
3 x Fir-Tree Fixings: FIX20, FIX21, FIX29.



Fir-Tree Fixings

Part No.	Box of
AB253	180 Pieces

2 x Trim Buttons: FIX164, FIX163.
4 x Fir-Trees: FIX29, FIX20, FIX21, FIX218.



Drive Rivets

Part No.	Box of
AB152	220 Pieces

8 x Sizes: FIX31, FIX39, FIX42, FIX43, FIX44, FIX45, FIX176, FIX516.

Looking for Trim Clip Removal Tools?

Our full range of Trim Clip Removal Tools are on Page 509

Screw-Type Rivets

Part No.	Box of
AB172	130 Pieces

8 x Sizes: FIX31, FIX117, FIX118, FIX119, FIX120, FIX121, FIX122, FIX123.

Locking Nuts

Part No.	Box of
AB153	220 Pieces

3 x Round: FIX9, FIX28, FIX38.
1 x Reverse Round: FIX71.
1 x Square: FIX23.
1 x Square Reverse: FIX22.
2 x Large Locking Nuts: FIX73, FIX74.

Split Pins - Imperial (Small Sizes)

Zinc plated steel.
DIN 94 / BS 1574.

Part No.	Box of
AB32N	800 Pieces

8 x Sizes, O.D. x Length: 1/16" x 1" (1.6 x 25 mm), 5/64" x 1" (2.0 x 25 mm), 3/32" x 1" (2.4 x 25 mm), 3/32" x 1 1/2" (2.4 x 38 mm), 7/64" x 1 1/2" (2.8 x 38 mm), 1/8" x 1 1/2" (3.2 x 40 mm), 9/64" x 1 1/2" (3.6 x 40 mm), 5/32" x 1 5/8" (4.0 x 40 mm).

Split Pins - Imperial & Metric

Zinc plated steel. DIN 94 / BS 1574 (Imperial).
DIN 94 / ISO 1234 (BS 7774) (Metric).

Part No.	Box of
AB206	370 Pieces

4 x Imperial Sizes, O.D. x Length: 1/32" x 3/8" (1.0 x 10 mm), 5/64" x 1" (2.0 x 25 mm), 9/64" x 1 1/2" (3.6 x 38 mm), 3/16" x 2" (4.8 x 51 mm).
6 x Metric Sizes, O.D. x Length: 2.0 x 14 mm (5/64" x 9/16"), 2.0 x 20 mm (5/64" x 3/4"), 2.5 x 28 mm (3/32" x 1 3/32"), 3.2 x 20 mm (1/8" x 3/4"), 3.2 x 32 mm (1/8" x 1 1/4"), 4.0 x 36 mm (5/32" x 1 3/8").

Spring Roll Pins - Imperial

Black.

Part No.	Box of
AB35	300 Pieces

11 x Sizes, O.D. x Length: 3/32" x 1", 1/8" x 1", 1/8" x 1 1/2", 5/32" x 1", 5/32" x 1 1/2", 3/16" x 1", 3/16" x 1 1/2", 1/4" x 1", 1/4" x 1 1/2", 5/16" x 1", 5/16" x 2".

Split Pins - Imperial (Large Sizes)

Zinc plated steel. DIN 94 / BS 1574.

Part No.	Box of
AB73	225 Pieces

5 x Sizes, O.D. x Length: 1/8" x 1 1/2" (3.2 x 38 mm), 5/32" x 2" (4.0 x 51 mm), 3/16" x 2" (4.8 x 51 mm), 1/4" x 3" (6.3 x 76 mm), 5/16" x 3" (7.9 x 76 mm).

Clevis Pins

BS 1574.

Part No.	Box of
AB33	200 Pieces

8 x Sizes: 3/16" x 5/8", 3/16" x 7/8", 1/4" x 1/2", 1/4" x 1 1/16", 9/32" x 7/8", 5/16" x 1", 3/8" x 1 1/4", M6 x 20 (1/4" x 7/8").

Spring Roll Pins - Metric

Black. DIN 1481.

Part No.	Box of
AB80	300 Pieces

12 x Sizes, O.D. x Length: 2.5 x 24 mm, 2.5 x 36 mm, 3 x 24 mm, 3 x 40 mm, 4 x 24 mm, 4 x 40 mm, 5 x 24 mm, 5 x 40 mm, 6 x 24 mm, 6 x 40 mm, 8 x 24 mm, 8 x 55 mm.

Split Pins - Imperial

Zinc plated steel. DIN 94 / BS 1574.

Part No.	Box of
AB508	850 Pieces

12 x Sizes, O.D. x Length: 1/16" x 1" (1.6 x 5 mm), 5/64" x 1" (2.0 x 25 mm), 3/32" x 1" (2.5 x 25 mm), 3/32" x 1 1/2" (2.4 x 38 mm), 7/64" x 1 1/2" (2.8 x 38 mm), 1/8" x 1 1/2" (3.2 x 38 mm), 9/64" x 1 1/2" (3.6 x 38 mm), 5/32" x 1 5/8" (4.0 x 41 mm), 5/32" x 2" (4.0 x 51 mm), 3/16" x 2" (4.8 x 51 mm), 1/4" x 3" (6.3 x 76 mm), 5/16" x 3" (7.9 x 76 mm).

Spring Roll Pins - Metric

Black. DIN 1481.

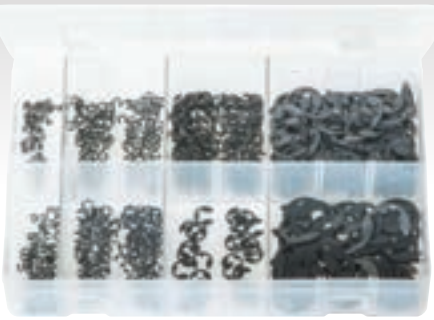
Part No.	Box of
AB555	340 Pieces

19 x Sizes, O.D. x Length: 3 x 20 mm, 3 x 24 mm, 3 x 30 mm, 4 x 24 mm, 4 x 28 mm, 4 x 40 mm, 4 x 50 mm, 5 x 16 mm, 5 x 20 mm, 5 x 24 mm, 5 x 28 mm, 5 x 32 mm, 5 x 35 mm, 5 x 40 mm, 5 x 45 mm, 6 x 30 mm, 6 x 45 mm, 8 x 32 mm, 8 x 45 mm.

R-Clips
Zinc plated.

Part No.	Box of
AB88N	80 Pieces

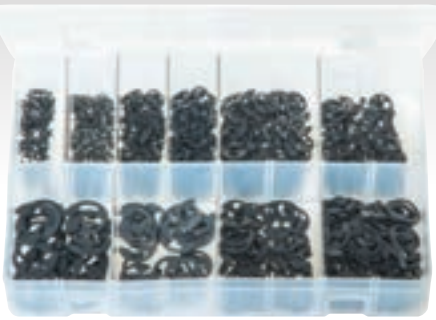
5 x Sizes (Wire Ø x Length): 2.5 x 45, 3 x 54, 4 x 75, 5 x 107, 6 x 117 mm.



E-Retainers - Metric
DIN 6799.

Part No.	Box of
AB127N	725 Pieces

8 x Sizes (Shaft Ø): 1.7, 2.75, 3.5, 4.5, 6.0, 7.0, 13.0, 15.5 mm.



E-Retainers - Imperial
DIN 6799 (BS 3673/2).

Part No.	Box of
AB55N	800 Pieces

10 x Sizes (Shaft Ø): 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8".

Circlips Internal - Metric
DIN 472.

Part No.	Box of
AB173	230 Pieces

13 x Sizes: 11, 13, 16, 19, 21, 22, 25, 30, 35, 38, 40, 42, 47 mm.

Circlips External - Metric
DIN 471.

Part No.	Box of
AB174	350 Pieces

16 x External Sizes: 7, 8, 10, 12, 14, 15, 17, 18, 20, 22, 24, 25, 30, 35, 40, 50 mm.

Circlips Internal & External - Metric
DIN 472 (Internal), DIN 471 (External).

Part No.	Box of
AB37N	280 Pieces

10 x Internal Sizes: 11, 13, 16, 19, 21, 22, 25, 30, 35, 38 mm.
10 x External Sizes: 11, 13, 16, 19, 21, 22, 25, 30, 35, 38 mm.

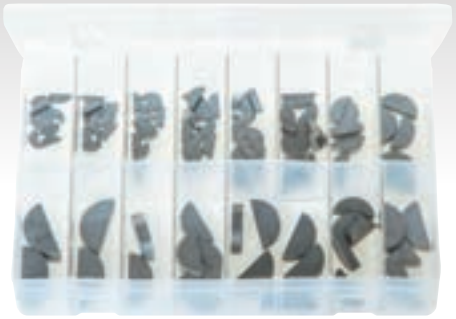
AB 'Flip Box'
Standard size transparent polypropylene box.
Complete with 8 dividers.
Dimensions (W x H x D): 215 x 45 x 140 mm.

Part No.	Qty	Description
ABM	1	AB Flip Box

Circlips Internal & External - Metric
DIN 472 (Internal), DIN 471 (External).

Part No.	Box of
AB561	400 Pieces

3 x Internal: 40, 42, 47 mm.
15 x External: 7, 8, 10, 12, 14, 15, 17, 18, 20, 24, 25, 30, 35, 40, 50 mm.

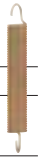


Woodruff Keys - Imperial

Part No.	Box of
AB47N	96 Pieces

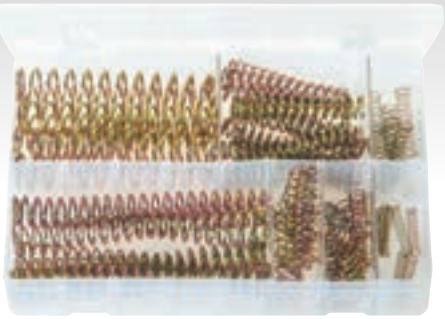
15 x Sizes: 1/16" x 1/2", 3/32" x 1/2", 1/8" x 1/2", 1/8" x 5/8", 5/32" x 5/8", 5/32" x 3/4", 3/16" x 3/4", 3/16" x 7/8", 3/16" x 11/8", 7/32" x 7/8", 7/32" x 11/8", 1/4" x 1", 1/4" x 1 1/8", 5/16" x 1 1/4", 3/8" x 1 1/4".

Expansion Springs



Part No.	Box of
AB72	70 Pieces

7 x Sizes (Free Length x O.D.): 29.5 x 6.4 mm, 31.5 x 5.0 mm, 33.3 x 6.8 mm, 56.5 x 7.8 mm, 74 x 10.3 mm, 90 x 11.4 mm, 126 x 9.4 mm.



Compression Springs

Part No.	Box of
AB89	70 Pieces

10 x Sizes (Free Length x O.D.): 21.2 x 8.9 mm, 22.5 x 9.0 mm, 25 x 12.2 mm, 26.5 x 5.4 mm, 31.5 x 10.4 mm, 37 x 7.8 mm, 65.5 x 13 mm, 66 x 10.4 mm, 100 x 18.5 mm, 124 x 16.0 mm.

Woodruff Keys & Key Steel - Metric

Part No.	Box of
AB216	24 Pieces

3 x Woodruff Keys: 4 x 6.5 x 16 mm, 4 x 9 x 22 mm, 6 x 9 x 22 mm.
4 x Key Steel, Parallel: 8 x 7 x 25 mm, 8 x 7 x 32 mm, 8 x 7 x 36 mm, 12 x 8 x 50 mm.

JG 'Speedfit' Push-Fit Tube Couplings - Straights, Metric

Plastic. Black.

Part No.	Box of
AB97N	22 Pieces

6 x Sizes: 4, 5, 6, 8, 10, 12 mm.

Quick-Fit Couplings - Straights, Metric

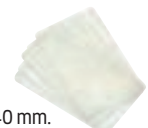
Plastic, Black.

Part No.	Box of
AB187	24 Pieces

6 x Sizes: 4, 5, 6, 8, 10, 12 mm.

AB 'Flip Box'

Standard size transparent polypropylene box.
Complete with 8 dividers.
Dimensions (W x H x D): 215 x 45 x 140 mm.



Part No.	Qty	Description
ABM	1	AB Flip Box

JG 'Speedfit' Push-Fit Tube Couplings - Elbows & Tees, Metric

Plastic. Black.

Part No.	Box of
AB99	17 Pieces

4 x Tees: 6, 8, 10, 12 mm. 4 x Elbows: 6, 8, 10, 12 mm.

Quick-Fit Couplings - Elbows + Tees, Metric

Plastic, Black.

Part No.	Box of
AB188	17 Pieces

4 x Tees: 6, 8, 10, 12 mm. 4 x Elbows: 6, 8, 10, 12 mm.

Tube Couplings Brass - Metric

Part No.	Box of
AB95N	27 Pieces

6 x Sizes: 4, 5, 6, 8, 10, 12 mm.

Olives Stepped - Metric

Part No.	Box of
AB111N	185 Pieces

6 x Sizes: 4, 5, 6, 8, 10, 12 mm.

Olives Stepped & Barrel - Imperial

Part No.	Box of
AB64N	450 Pieces

7 x Stepped: 1/8", 5/32", 3/16", 1/4", 5/16", 3/8", 1/2".
7 x Barrel: 1/8", 5/32", 3/16", 1/4", 5/16", 3/8", 1/2".

Brass Push-Fit Couplings - Straights, Metric

Part No.	Box of
AB189	18 Pieces

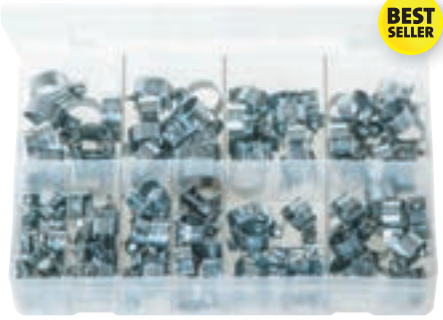
6 x Sizes: 4, 5, 6, 8, 10, 12 mm.

Pipe Repair Kit

Mild steel.

Part No.	Box of
AB74	72 Pieces

6 x O-Clips: 7/16", 1/2", 9/16", 5/8", 3/4", 7/8".
6 x Pipe Joiners (Hose I.D.): 3/16", 1/4", 5/16", 3/8", 1/2", 5/8".



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Mini Hose Clips

Part No.	Box of
AB102	100 Pieces

10 x Sizes (Ø Range): 7 - 9, 8 - 10, 9 - 11, 10 - 12, 11 - 13, 12 - 14, 13 - 15, 14 - 16, 15 - 17, 16 - 18 mm.

Looking for Hose Tools?

A range of Hose + Tubing Tools are available from Page 216

OETIKER

STAINLESS STEEL

OETIKER '167' O-Clips - Single Ear Clamps

Stainless steel. DIN 1.4301 / UNS S30400.

Part No.	Box of
AB144	160 Pieces

8 x Size Ranges: 7.0 - 8.5 mm, 8.5 - 10.0 mm, 9.8 - 11.8 mm, 11.8 - 3.8 mm, 13.2 - 15.8 mm, 15.6 - 17.8 mm, 17.1 - 20.0 mm, 20.2 - 22.8 mm.

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O-Clips - 2-Ear Clamps

Zinc plated steel.

Part No.	Box of
AB38	140 Pieces

6 x Sizes (Ø Range): 3/8" (8 - 11 mm), 7/16" (9 - 11 mm), 1/2" (11 - 13 mm), 9/16" (13 - 15 mm), 5/8" (15 - 18 mm), 3/4" (17 - 20 mm).

Brake Nuts

For 3/16" pipe.

Part No.	Box of
AB45N	150 Pieces

2 x Brake Nuts, Short Males: 3/8" UNF x 24 TPI, 10 x 1.00 mm.
2 x Brake Nuts, Long Males: 3/8" UNF x 24 TPI, 10 x 1.00 mm.
1 x Brake Nuts, Fully Threaded Males: 10 x 1.00 mm.
1 x Part Threaded Males: 12 x 1.00 mm.
1 x Long Females: 3/8" UNF x 24 TPI. 1 x Short Females: 10 x 1.00 mm.
1 x Female Connector: M10 x 1.00mm.

Brake Tubing Connectors & Brake Bleed Screws - UNF & Metric

For 3/16" pipe.

Part No.	Box of
AB85N	63 Pieces

1 x Male Connector: 10 x 1.00 mm.
2 x Female Connectors: 3/8" UNF x 24 TPI, 10 x 1.00 mm.
2 x 3-way Connectors: 3/8" UNF x 24 TPI, 10 x 1.00 mm.
5 x Brake Bleed Screws: 1/4" UNF x 28 TPI, 3/8" UNF x 24 TPI, M7 x 1.00 mm, M8 x 1.25 mm, M10 x 1.00 mm.

Brake Shoe Hold-Down Kit

Part No.	Box of
AB145N	200 Pieces

3 x Pins, Suits: FORD, GM, ROVER.
2 x Washers: LOCKHEED, GIRLING.
4 x Springs, Suits: FORD, VAUXHALL/GM, Lockheed, BL.

Exhaust Manifold Studs & Nuts - Metric

Part No.	Box of
AB116	72 Pieces

2 x Nuts, Copper Flashed Steel (Size x Pitch):
M8 x 1.25 mm, M10 x 1.50 mm.
2 x Nuts, Brass (Size x Pitch): M8 x 1.25 mm, M10 x 1.25 mm.
5 x Studs (Size x Pitch x Length): M8 x 1.25 mm x 37 mm,
M10 x 1.25 x 37 mm, M10 x 1.50 mm x 38 mm, M10 x 1.50 mm x 52 mm,
M10 x 1.50 mm x 55 mm.

Copper Sealing Washers (Diesel Injector Washers)

Copper. DIN 7603A.

Part No.	Box of
AB142	250 Pieces

16 x Sizes: M6 x 10 x 1.0 (BOSCH 2916 710 602),
M8 x 11.5 x 1.0 (LUCAS NW5-17W4, BOSCH 2916 710 646),
M10 x 13.5 x 1.0 (BOSCH 2916 710 605), M10 x 14 x 1.0 (BOSCH 2916 710 649),
M10 x 20 x 1.0 (MAN/PERKINS P:2411126),
M10 x 20 x 2.0 (LUCAS 5339401, PERKINS P:0920113),
M12 x 16 x 1.5 (BOSCH 2916 710 607), M12 x 18 x 1.5 (BOSCH 2916 710 608),
M14 x 18 x 1.5 (BOSCH 2916 710 609), M14 x 20 x 1.5 (BOSCH 2916 710 610),
M16 x 20 x 1.5 (BOSCH 2916 710 611), M17 x 21 x 1.5 (BOSCH 2916 710 611, GM 14025557), M21 x 25 x 1.0 (LUCAS NW5/59), M22 x 27 x 1.0 (LUCAS NW5/60).

Sump Plug Washers

Part No.	Box of
AB117N	265 Pieces

4 x Copper Compression: 12 x 17 x 2.00, 14 x 20 x 2.0, 16 x 22 x 2.0,
18 x 24 x 2.0 mm.
4 x Flat Copper: 10 x 20 x 2.00, 12 x 17 x 1.5, 14 x 20 x 1.5,
14 x 20 x 2.0 mm.
2 x Aluminium: 14 x 22 x 2.0, 18 x 24 x 1.5 mm.
2 x Flanged Rubber O-ring: 11 x 21 2.5, 13 x 22 x 3.0 mm.
1 x Nitrile Rubber O-Ring: 18 x 2 NBR. 1 x Fibre: 12 x 24 x 2.0 mm.
1 x Bonded Seal: 16.7 x 24 mm.

Dust Covers for Vehicle Ball Joints

Black rubber. Complete with rubber O-rings.

Part No.	Box of
AB220	10 Kits

2 x Each Kit: DC1, DC2, DC3, DC4, DC5.

Core Plugs Cup Type - Metric

Zinc plated mild steel.

Part No.	Box of
AB120	60 Pieces

10 x Sizes: 18, 22, 24, 26, 28, 30, 32, 34, 36, 48 mm.

Core Plugs Cup Type - Imperial

Zinc plated mild steel.

Part No.	Box of
AB30N	38 Pieces

8 x Sizes: 7/8", 1 1/4", 1 1/2", 1 5/8", 1 3/4", 1 7/8" (48 mm), 1 5/16", 2".

Accelerator & Clutch Springs

Part No.	Box of
AB29	40 Pieces

8 x Sizes (Free Length x O.D.): 53 x 12.4 mm, 61.2 x 15.4 mm, 63.4 x 13 mm, 66 x 13.1 mm, 77.4 x 23.15 mm, 82.5 x 12.95 mm, 84.2 x 10.9 mm, 86 x 13.3 mm.

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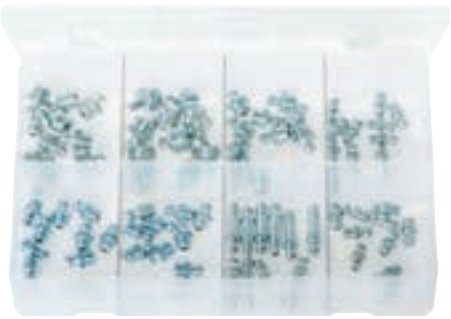
Grease Nipples - Metric & Imperial

Part No.	Box of
AB46	130 Pieces

3 x Straights (Size x Pitch): M6 x 1.00 mm, M8 x 1.00 mm, M10 x 1.00 mm.
3 x Straights: 1/4" UNF, 1/4" BSP, 1/8" BSP Gas.
1 x Straight: 1/8" BSP Gas. Button Head (Tat Type).
1 x Straight: 1/4" UNF Long.
3 x Angled 45° (Size x Pitch): M6 x 1.00 mm, M8 x 1.00 mm, M10 x 1.00 mm.
3 x Angled 45°: 1/4" UNF, 1/4" BSP, 1/8" BSP Gas.



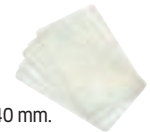
Grease Nipples - Metric & Imperial, Straights

Part No.	Box of
AB207N	80 Pieces

4 x Straights (Size x Pitch): M6 x 1.00 mm, M8 x 1.00 mm, M8 x 1.25 mm, M10 x 1.00 mm.
3 x Straights: 1/4" UNF, 1/4" BSP, 1/8" BSP Gas
1 x Long Straight: 1/4" UNF.

BEST SELLER

AB 'Flip Box'



Standard size transparent polypropylene box.
Complete with 8 dividers.
Dimensions (W x H x D): 215 x 45 x 140 mm.

Part No.	Qty	Description
ABM	1	AB Flip Box

BEST SELLER

Grease Nipples - Metric

Part No.	Box of
AB115N	125 Pieces

4 x Straights (Size x Pitch): M6 x 1.00 mm, M8 x 1.00 mm, M8 x 1.25 mm, M10 x 1.00 mm.
4 x Angled 45° (Size x Pitch): M6 x 1.00 mm, M8 x 1.00 mm, M8 x 1.25 mm, M10 x 1.00 mm.
4 x Angled 90° (Size x Pitch): M6 x 1.00 mm, M8 x 1.00 mm, M8 x 1.25 mm, M10 x 1.00 mm.

Grease Nipple - Imperial

Part No.	Box of
AB159	90 Pieces

3 x Straights: 1/4" UNF, 1/4" BSP, 1/8" BSP Gas.
3 x Angled 45°: 1/4" UNF, 1/4" BSP, 1/8" BSP Gas.
3 x Angled 90°: 1/4" UNF, 1/4" BSP, 1/8" BSP Gas.
1 x Long Straights: 1/4" UNF.
1 x Button Head (Tat Type): 1/8" BSP Gas.

Terminals Insulated - Red & Blue with Crimping Pliers

Part No.	Box of
AB43	206 Pieces

2 x Push-on Females: 6.3 mm Red, 6.3 mm Blue.
1 x Piggyback: 6.3 mm Blue.
2 x Push-on Males: 6.3 mm Red, 6.3 mm Blue.
2 x Bullets: Ø 4.0 mm Red, 5.0 mm Blue.
2 x Receptacle Sockets: Ø 4.0 mm Red, 5.0 mm Blue.
2 x Butt Connectors: 3.3 mm O.D. Red, 4.0 mm O.D. Blue.
3 x Rings: Ø 5.3 mm (2BA) Red, 5.3 mm (2BA) Blue , 6.4 mm (1/4") Blue.
1 x Crimping Pliers.

Terminals Insulated - Red & Blue

Part No.	Box of
AB110N	210 Pieces

5 x Push-on Females: 2.8 mm Red, 4.8 mm Red, 4.8 mm Blue, 6.3 mm Red, 6.3 mm Blue.
1 x Push-on Female, Fully Insulated: 6.3 mm Blue.
2 x Push-on Males: 6.3 mm Red, 6.3 mm Blue.
2 x Bullets: Ø 4.0 mm Red, 5.0 mm Blue.
2 x Receptacle Sockets: Ø 4.0 mm Red, 5.0 mm Blue.
2 x Butt Connectors: 3.3 mm O.D. Red, 4.0 mm O.D. Blue.

Terminals Insulated

Part No.	Box of
AB42	340 Pieces

5 x Push-on Females: 2.8 mm Red, 4.8 mm Blue, 6.3 mm Red, 6.3 mm Blue, 9.5 mm Yellow. 1 x Piggyback: 6.3 mm Blue.
2 x Push-on Males: 6.3 mm Red, 6.3 mm Blue.
1 x Bullet: Ø 5.0 mm Blue. 1 x Receptacle Socket: Ø 5.0 mm Blue.
1 x Butt Connector: 4.0 mm O.D. Blue. 4 x Rings: Ø 4.3 mm Red, 5.3 mm (2BA) Blue, 6.4 mm (1/4") Blue, 8.4 mm (5/16") Blue.
2 x Bullet Connectors: Single, Double.

Terminals Insulated - Red

Part No.	Box of
AB160	260 Pieces

3 x Push-on Females: 2.8, 4.8, 6.3 mm.
1 x Push-on Female, Fully Insulated: 6.3 mm. 1 x Piggyback: 6.3 mm.
1 x Push-on Male: 6.3 mm. 1 x Bullet: Ø 4.0 mm.
1 x Receptacle Socket: Ø 4.0 mm. 1 x Butt Connector: 3.3 mm O.D.
4 x Rings: Ø 4.3 mm, 5.3 mm (2BA), 6.4 mm (1/4"), 8.4 mm (5/16").

Terminals Insulated - Blue

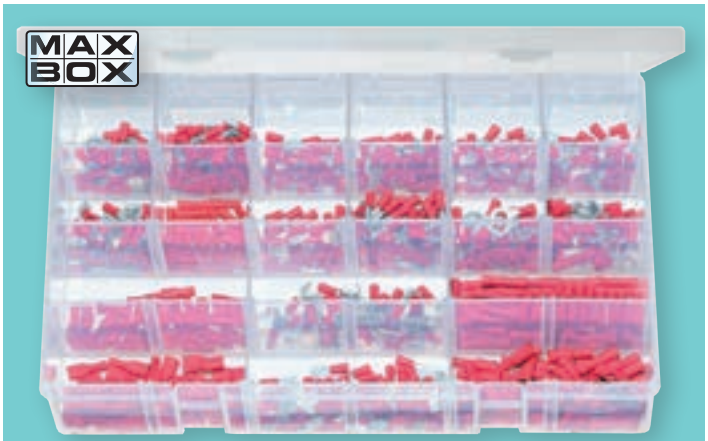
Part No.	Box of
AB161	280 Pieces

2 x Push-on Females: 4.8, 6.3 mm.
1 x Push-on Female, Fully Insulated: 4.8 mm. 1 x Piggyback: 6.3 mm.
1 x Push-on Male: 6.3 mm. 1 x Bullet: Ø 5.0 mm.
1 x Receptacle Socket: Ø 5.0 mm. 1 x Butt Connector: 4.0 mm O.D.
6 x Rings: 4.3 mm, 5.3 mm (2BA), 6.4 mm (1/4"), 8.4 mm (5/16"), 10.5 mm (3/8"), 13.0 mm (1/2").

Terminals Insulated - Yellow

Part No.	Box of
AB162	110 Pieces

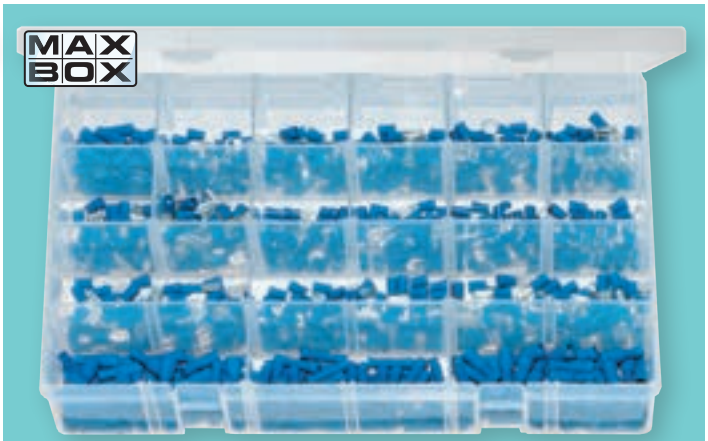
2 x Push-on Females: 6.3, 9.5 mm.
2 x Push-on Females, Fully Insulated: 6.3, 9.5 mm.
1 x Push-on Male: 6.3 mm. 1 x Butt Connector: 5.5 mm O.D.
5 x Rings: Ø 5.3 mm (2BA), 6.4 mm (1/4"), 8.4 mm (5/16"), 10.5 mm (3/8"), 13.0 mm (1/2").



Terminals Insulated - Red

Part No.	Box of
AB501	600 Pieces

3 x Push-on Females: 2.8, 4.8, 6.3 mm. 3 x Push-on Females, Fully Insulated: 2.8, 4.8, 6.3 mm.
1 x Piggyback: 6.3 mm. 1 x Push-on Male: 6.3 mm. 1 x Bullet: Ø 4.0 mm. 1 x Receptacle Socket: Ø 4.0 mm.
1 x Butt Connector: 3.3 mm. 1 x Pin (12 mm): Ø 1.9 mm. 1 x Blade (18 mm): 2.3 mm. 1 x Forks: 3.7 mm (4BA).
4 x Rings: Ø 4.3 mm, 5.3 mm (2BA), 6.4 mm (1/4"), 8.4 mm (5/16").



Terminals Insulated - Blue

Part No.	Box of
AB502	600 Pieces

2 x Push-on Females: 4.8, 6.3 mm. 2 x Push-on Females, Fully Insulated: 4.8, 6.3 mm. 1 x Piggyback: 6.3 mm.
1 x Push-on Male: 6.3 mm. 1 x Bullet: Ø 5.0 mm. 1 x Receptacle Socket: Ø 5.0 mm. 1 x Butt Connector: 4.0 mm O.D.
2 x Forks: 3.7 mm (4BA), 5.2 mm (2BA). 1 x Blade (18 mm): 2.3 mm. 1 x Pin (12 mm): Ø1.9 mm.
5 x Rings: Ø 4.3 mm, 5.3 mm (2BA), 6.4 mm (1/4"), 8.4 mm (5/16"), 10.5 mm (3/8").

MAX BOX

BEST SELLER

Terminals Insulated

Part No.	Box of
AB509	600 Pieces

4 x Push-on Females: 2.8 mm Red, 6.3 mm Red, 6.3 mm Blue, 9.5 mm Yellow.
3 x Push-on Females, Fully Insulated: 6.3 mm Red, 6.3 mm Blue, 6.3 mm Yellow.
1 x Piggyback: 6.3 mm Blue. 2 x Push-on Males: 6.3 mm Red, 6.3 mm Blue.
2 x Bullets: Ø 4.0 mm Red, 5.0 mm Blue.2 x Receptacle Sockets: Ø 4.0 mm Red, 5.0 mm Blue.
3 x Butt Connectors: 3.3 mm Red, 4.0 mm Blue, 5.5 mm O.D. Yellow. 7 x Rings: Ø 5.3 mm (2BA) Red, 5.3 mm (2BA) Blue, 6.4 mm (1/4") Blue, 6.4 mm (1/4") Yellow, 8.4 mm (5/16") Blue, 8.4 mm (5/16") Yellow, 10.5 mm (3/8") Yellow.

Terminals - Non-Insulated

Part No.	Box of
AB147N	150 Pieces

15 x Types: Bullets Male, Bullets Female, Push-on Males, Push-on Females (Suits VW, AUDI, VOLVO, SAAB, FORD, BMW, GM). Contents may vary.

Heat Shrink Terminals, Adhesive Lined - Butt Connectors

Part No.	Box of
AB190	220 Pieces

3 x Colours (Ø): Red (3.7 mm), Blue (5.0 mm), Yellow (6.5 mm)

Heat Shrink Terminals, Adhesive Lined - Red & Blue

Part No.	Box of
AB125	130 Pieces

2 x Push-on Females: 6.3 mm Red, 6.3 mm Blue.
2 x Push-on Males: 6.3 mm Red, 6.3 mm Blue.
2 x Butt Connectors: Ø 3.7 mm Red, 5.0 mm Blue.
4 x Rings, Standard Length: Ø 5.3 mm (2BA) Red, 6.4 mm (1/4") Red, 6.4 mm (1/4") Blue, 8.4 mm (5/16") Blue.

BEST SELLER

Copper Tube Terminals

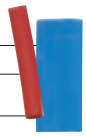
Part No.	Box of
AB114N	40 Pieces

10 x Sizes (for Cable Size x Bolt Hole Size): 10 mm² x 8 mm, 16 mm² x 8 mm, 25 mm² x 6 mm, 25 mm² x 8 mm, 35 mm² x 8 mm, 35 mm² x 10 mm, 50 mm² x 8 mm, 50 mm² x 10 mm, 70 mm² x 10 mm, 70 mm² x 12 mm.

BEST SELLER

Heat Shrink Tubing - 50 mm Lengths

Polyolefin. Shrink Ratio: 2:1.

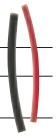


Part No.	Box of
AB103	172 Pieces

4 x Sizes: 3.2, 4.8, 6.4, 12.7 mm.
4 x Colours: Black, Blue, Red, Yellow.

Heat Shrink Tubing - 100 mm Lengths

Polyolefin. Shrink Ratio: 2:1.



Part No.	Box of
AB221	100 Pieces

2 x Sizes: 4.8, 6.4 mm.
2 x Colours: Black, Red.

Copper Tube Butt Connectors

Part No.	Box of
AB123N	110 Pieces

6 x Sizes (for Cable Diameter): 10, 16 , 25, 35, 50, 70 mm².

Superseal Connectors

Use Part No. RG10330 for a professional crimp.

Part No.	Box of
AB520	424 Pieces

6 x 1-way Female. 6 x 1-way Male. 12 x 2-way Female. 12 x 2-way Male. 5 x 3-way Female. 5 x 3-way Male. 4 x 4-way Female. 4 x 4-way Male.
3 x 5-way Female. 3 x 5-way Male. 2 x 6-way Female. 2 x 6-way Male. 180 x Yellow Rubber Seals. 90 x 1.5 mm Female Pin. 90 x 1.5 mm Male Pin.

Glass & Torpedo Fuses

Torpedo (Ceramic Type/Continental) Fuses to DIN 72581/1.

Part No.	Box of
AB194	350 Pieces

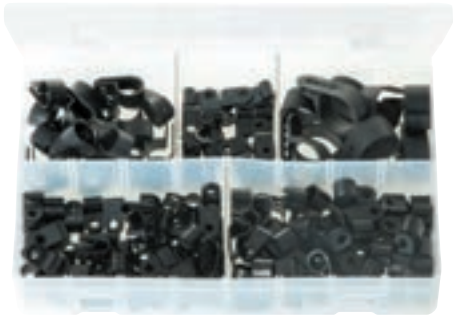
8 x Glass Fuses: 2, 5, 10, 15, 20, 25, 35, 50 A.
4 x Torpedo (Ceramic Type/Continental): 5, 8, 16, 25 A.

DT Connectors

Use Part No. RG10333 for a professional crimp.

Part No.	Box of
AB521	152 Pieces

2 pin, 3 pin, 4 pin, 6 pin, 8 pin, 12 pin, plus wedges, locking plates, blanking stems plus male and female terminals.



P-Clips

Nylon. Black.

Part No.	Box of
AB193	160 Pieces

5 x Sizes (for Cable Ø): 4.8, 6.0, 9.0, 12.0, 19.1 mm.

DTM Connectors

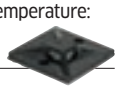
Use Part No. RG10333 for a professional crimp.

Part No.	Box of
AB522	126 Pieces

Kit contains: 2 pin, 3 pin, 4 pin, 6 pin, 8 pin, 12 pin, plus wedges, locking plates, blanking stems plus male and female terminals.

Cable Tie Bases & Cradle Mounts

Bases: Self adhesive with 2 screw holes.
Cradle Mounts: Polyamide. Operating Temperature: -40 to 85°C.



Part No.	Box of
AB178N	120 Pieces

4 x Cradle Mounts; Sizes (Colour): 5, 9 mm (Black), 5, 9 mm (White)
4 x Cable Tie Bases, Sizes (Colour): 3.5, 4.8 mm (Black), 3.5, 4.8 mm (White)

MAX BOX

LITTELFUSE Blade Fuses & Holders

Nylon housing.

Part No.	Box of
AB503	321 Pieces

11 x ATOF® Standard Blade Fuses: 2, 3, 4, 5, 7.5, 10, 15, 20, 25, 30, 40 A.
10 x MINI® Blade Fuses: 2, 3, 4, 5, 7.5, 10, 15, 20, 25, 30 A.
1 x ATOF® Standard Blade Fuse Holders: 20 A.
1 x MINI® Blade Fuse Holders - Splash Proof: 20 A.
1 x Standard Blade Fuse Holders - Splash Proof: 20 A.

LITTELFUSE MINI® Blade Fuses

Nylon housing.

Part No.	Box of
AB118	100 Pieces

10 x Amperages: 2, 3, 4, 5, 7.5, 10, 15, 20, 25, 30 A.

LITTELFUSE ATOF® Standard Blade Fuses with Fuse Holders

Standard type blade fuse. Nylon housing.

Part No.	Box of
AB41N	120 Pieces

10 x Amperages: 2, 3, 5, 7.5, 10, 15, 20, 25, 30, 40 A.

LITTELFUSE MAXI™ Blade Fuses

Nylon housing.

Part No.	Box of
AB176	29 Pieces

7 x Amperages: 20, 30, 40, 50, 60, 70, 80 A.

LITTELFUSE Low Profile MINI® Blade Fuses

Nylon housing.

Part No.	Box of
AB175N	75 Pieces

7 x Amperages: 5, 7.5, 10, 15, 20, 25, 30 A.

LITTELFUSE MICRO2™ Blade Fuses

32 V. Nylon housing.

Part No.	Box of
AB179	175 Pieces

7 x Amperages: 5, 7.5, 10, 15, 20, 25, 30 A.

BEST SELLER

Mini Blade Fuses

Part No.	Box of
AB165N	200 Pieces

10 x Amperages: 2, 3, 4, 5, 7.5, 10, 15, 20, 25, 30 A.

BEST SELLER

Standard Blade Fuses with Fuse Holders

Part No.	Box of
AB164	105 Pieces

9 x Standard Blade Fuses, Amperages: 3, 4, 5, 7.5, 10, 15, 20, 25, 30 A.
1 x Holder: White.

Grommets - Wiring

Black PVC.

Part No.	Box of
AB192N	220 Pieces

7 x Sizes, for hole Ø x I.D.: 6.4 x 4.0, 9.3 x 7.7, 12.3 x 9.5, 15.8 x 12.0, 20.2 x 15.8, 25.0 x 19.5, 31.0 x 24.0 mm.

Grommets - Blanking

Black PVC.

Part No.	Box of
AB191N	220 Pieces

7 x Sizes, for hole Ø: 6.4, 9.3, 12.3, 15.8, 20.0, 25.0, 31.7 mm.

BEST SELLER

Blanking & Wiring Grommets

Black PVC.

Part No.	Box of
AB244	250 Pieces

7 x Blanking (for Holes Ø) 6.4, 9.3, 12.3, 15.8, 20.0, 25.0 mm.
7 x Wiring (for Holes Ø x I.D.) 6.4 x 4.0, 9.3 x 7.7, 12.3 x 9.5, 15.8 x 12.0, 20.2 x 15.8, 25.0 x 19.5 mm.

MAX BOX

NEW

AB 'Max Box'

Large size transparent polypropylene compartment box.
Dimensions (W x H x D): 330 x 60 x 225 mm.

Part No.	Description
ABX	Adjustable 24-Compartments

AB 'Max Box' Carrying Case

Made from cold rolled steel, finished in grey baked enamel.

- **Holds up to 5 boxes (NOT included).**
- **Keyhole slots enable case to be wall-mounted.**
- **Bolt holes enable cases to be stacked.**

Part No.	Qty	Description
SB101	1	Carrying Case

AB 'Max Box' Carrying Case Locking Hinge

Holds boxes in place whilst being transported. Can be locked with a padlock (NOT included). (Boxes NOT included).

Part No.	Qty	Description
SB102	1	Locking Hinge

BEST SELLER

AB 'Flip Box'

Standard size transparent polypropylene box. Complete with 8 dividers. Dimensions (W x H x D): 215 x 45 x 140 mm.

- **Hinged lid overlaps on all sides of the box tray.**
- **2 x Snap latches for secure closing.**
- **8 x Removable dividers provide up to 10 compartments in various configurations.**
- **Boxes can be stacked or stored in a Storage Rack (Part No. ABR).**

Part No.	Qty	Description
ABM	1	AB Flip Box

Storage Rack for AB 'Flip Box'

PVC coated wire. Dimensions (H xW x D): 460 x 300 x 210 mm. (Boxes shown NOT included).

- **Holds up to 10 boxes for fast and easy retrieval.**
- **Can be free-standing or wall mounted.**

Part No.	Qty	Description
ABR	1	Storage Rack

28

32

33

36

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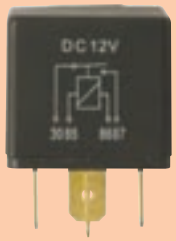
42

Electrical Assembly



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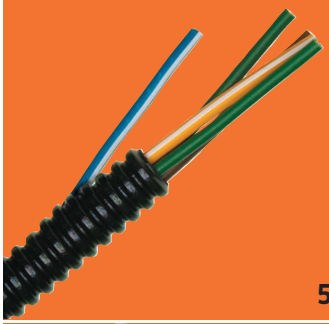
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28 Terminals
34 Connectors
39 Grommets
40 Heat Shrink Tubing
41 Insulation Tapes
42 Battery Terminals
43 Relays
44 Capacitors
45 Switches
48 Fuses
53 Cable Accessories
56 Cable Ties
60 Cable Tools
63 VDE Tools
67 Auto Cable
69 Starter + Mains Cable
70 Mains Cable Accessories
71 Plugs + Couplers
73 RCD Circuit Breakers
71 Dash Cams

Red Insulated Terminals
Cable Size: 0.5 - 1.5 mm²

Push-on Females

Part No.	Pack of	Width
ET3	100	2.8 mm
ET4	100	4.8 mm
ET6	100	6.3 mm

Push-on Females, Fully Insulated

Part No.	Pack of	Width
ET44	100	2.8 mm
ET45	100	4.8 mm
ET9	100	6.3 mm

Piggybacks

Part No.	Pack of	Width
ET13	100	6.3 mm

Push-on Males

Part No.	Pack of	Width
ET36	100	6.3 mm

Push-on Males, Fully Insulated

Part No.	Pack of	Width
ET48	100	6.3 mm

Bullets

Part No.	Pack of	Ø
ET15	100	4.0 mm

Receptacle Sockets

Part No.	Pack of	Ø
ET18	100	4.0 mm

Butt Connectors

Part No.	Pack of	O.D.
ET33	100	3.3 mm
ET33K	1,000	3.3 mm

1:1 Actual Size Images

Red Insulated Terminals
Cable Size: 0.5 - 1.5 mm²

Forks

Part No.	Pack of	Width
ET51	100	3.7 mm
ET53	100	5.3 mm

Blades

Part No.	Pack of	Blade W x L
ET55	100	2.3 x 18 mm

Pins

Part No.	Pack of	Pin Ø x Length
ET57	100	1.9 x 12 mm

Rings

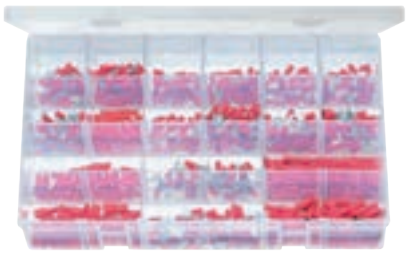
Part No.	Pack of	Ø
ET20	100	4.3 mm
ET22	100	5.3 mm
ET25	100	6.4 mm
ET28	100	8.4 mm

Assorted Box of Terminals Insulated - Red

Part No.	Box of
AB160	260 Pieces

3 x Push-on Females: 2.8, 4.8, 6.3 mm.
1 x Push-on Female, Fully Insulated: 6.3 mm.
1 x Piggyback: 6.3 mm.
1 x Push-on Male: 6.3 mm.
1 x Bullet: Ø 4.0 mm.
1 x Receptacle Socket: Ø 4.0 mm.
1 x Butt Connector: 3.3 mm O.D.
4 x Rings: Ø 4.3 mm, 5.3 mm (2BA), 6.4 mm (1/4"), 8.4 mm (5/16").

MAX BOX



'Max Box' Assortment of Terminals Insulated - Red

Part No.	Box of
AB501	600 Pieces

3 x Push-on Females: 2.8, 4.8, 6.3 mm. 3 x Push-on Females, Fully Insulated: 2.8, 4.8, 6.3 mm.
1 x Piggyback: 6.3 mm. 1 x Push-on Male: 6.3 mm. 1 x Bullet: Ø 4.0 mm. 1 x Receptacle Socket: Ø 4.0 mm.
1 x Butt Connector: 3.3 mm. 1 x Pin (12 mm): Ø 1.9 mm. 1 x Blade (18 mm): 2.3 mm. 1 x Forks: 3.7 mm (4BA).
4 x Rings: Ø 4.3 mm, 5.3 mm (2BA), 6.4 mm (1/4"), 8.4 mm (5/16").

Blue Insulated Terminals
Cable Size: 1.5 - 2.5 mm²

Push-on Females

Part No.	Pack of	Width
ET5	100	4.8 mm
ET7	100	6.3 mm

Push-on Females, Fully Insulated

Part No.	Pack of	Size
ET46	100	4.8 mm
ET10	100	6.3 mm
ET10K	1,000	6.3 mm

Piggybacks

Part No.	Pack of	Width
ET14	100	6.3 mm

Push-on Males

Part No.	Pack of	Ø
ET37	100	6.3 mm
ET37K	1,000	6.3 mm

Bullets

Part No.	Pack of	Ø
ET16	100	5.0 mm

Receptacle Sockets

Part No.	Pack of	Ø
ET19	100	5.0 mm

Butt Connectors

Part No.	Pack of	O.D.
ET34	100	4.0 mm
ET34K	1,000	4.0 mm

Forks

Part No.	Pack of	Width
ET52	100	3.7 mm
ET54	100	5.3 mm

Blades

Part No.	Pack of	Blade W x L
ET56	100	2.3 x 18 mm

Pins

Part No.	Pack of	Pin Ø x Length
ET58	100	1.9 x 12 mm

1:1 Actual Size Images

Blue Insulated Terminals
Cable Size: 1.5 - 2.5 mm²

Rings

Part No.	Pack of	Size
ET21	100	4.3 mm
ET23	100	5.3 mm
ET26	100	6.4 mm
ET29	100	8.4 mm
ET31	100	10.5 mm
ET42	100	13.0 mm

Blue Fully Insulated Terminals
Cable Size: 1.5 - 2.5 mm²

Push-on Females

Part No.	Pack of	Width
ET67	100	6.3 mm

Push-on Males

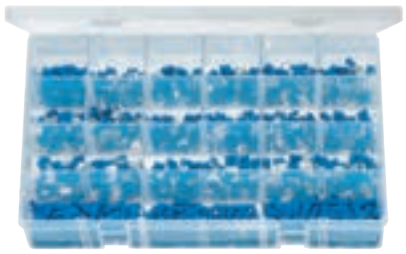
Part No.	Pack of	Width
ET47	100	6.3 mm

Assorted Box of Terminals Insulated - Blue

Part No.	Box of
AB161	280 Pieces

2 x Push-on Females: 4.8, 6.3 mm.
1 x Push-on Female, Fully Insulated: 4.8 mm.
1 x Piggyback: 6.3 mm.
1 x Push-on Male: 6.3 mm.
1 x Bullet: Ø 5.0 mm.
1 x Receptacle Socket: Ø 5.0 mm.
1 x Butt Connector: 4.0 mm O.D.
6 x Rings: 4.3 mm, 5.3 mm (2BA), 6.4 mm (1/4"), 8.4 mm (5/16"), 10.5 mm (3/8"), 13.0 mm (1/2").

MAX BOX



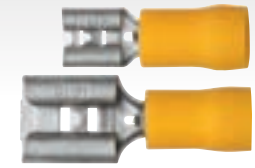
'Max Box' Assortment of Terminals Insulated - Blue

Part No.	Box of
AB502	600 Pieces

2 x Push-on Females: 4.8, 6.3 mm. 2 x Push-on Females, Fully Insulated: 4.8, 6.3 mm. 1 x Piggyback: 6.3 mm.
1 x Push-on Male: 6.3 mm. 1 x Bullet: Ø 5.0 mm. 1 x Receptacle Socket: Ø 5.0 mm. 1 x Butt Connector: 4.0 mm O.D.
2 x Forks: 3.7 mm (4BA), 5.2 mm (2BA). 1 x Blade (18 mm): 2.3 mm. 1 x Pin (12 mm): Ø1.9 mm.
5 x Rings: Ø 4.3 mm, 5.3 mm (2BA), 6.4 mm (1/4"), 8.4 mm (5/16"), 10.5 mm (3/8").

Yellow Insulated Terminals

Cable Size: 4.0 - 6.0 mm²



Push-on Females

Part No.	Pack of	Width
ET8	100	6.3 mm
ET12	100	9.5 mm

Push-on Females, Fully Insulated

Part No.	Pack of	Width
ET11	100	6.3 mm
ET49	100	9.5 mm

Push-on Males

Part No.	Pack of	Width
ET38	100	6.3 mm

Butt Connectors

Part No.	Pack of	O.D.
ET35	100	5.5 mm

Bullets

Part No.	Pack of	Ø
ET17	100	5.0 mm

Receptacle Sockets

Part No.	Pack of	Ø
ET50	100	5.0 mm

Pins

Part No.	Pack of	Pin Ø x Length
ET59	100	2.9 x 14 mm

Rings

Part No.	Pack of	Ø
ET24	100	5.3 mm
ET27	100	6.4 mm
ET30	100	8.4 mm
ET32	100	10.5 mm
ET43	100	13.0 mm

1:1 Actual Size Images

Assorted Box of Terminals Insulated - Yellow

Part No.	Box of
AB162	110 Pieces

2 x Push-on Females: 6.3, 9.5 mm.
2 x Push-on Females, Fully Insulated: 6.3, 9.5 mm.
1 x Push-on Male: 6.3 mm.
1 x Butt Connector: 5.5 mm O.D.
5 x Rings: Ø 5.3 mm (2BA), 6.4 mm (1/4"), 8.4 mm (5/16"), 10.5 mm (3/8"), 13.0 mm (1/2").

MAX BOX

'Max Box' Assortment of Terminals Insulated

Part No.	Box of
AB509	600 Pieces

4 x Push-on Females: 2.8 mm Red, 6.3 mm Red, 6.3 mm Blue, 9.5 mm Yellow.
3 x Push-on Females, Fully Insulated: 6.3 mm Red, 6.3 mm Blue, 6.3 mm Yellow.
1 x Piggyback: 6.3 mm Blue.
2 x Push-on Males: 6.3 mm Red, 6.3 mm Blue.
2 x Bullets: Ø 4.0 mm Red, 5.0 mm Blue.
2 x Receptacle Sockets: Ø 4.0 mm Red, 5.0 mm Blue.
3 x Butt Connectors: 3.3 mm Red, 4.0 mm Blue, 5.5 mm O.D. Yellow.
7 x Rings: Ø 5.3 mm (2BA) Red, 5.3 mm (2BA) Blue, 6.4 mm (1/4") Blue, 6.4 mm (1/4") Yellow, 8.4 mm (5/16") Blue, 8.4 mm (5/16") Yellow, 10.5 mm (3/8") Yellow.

Assorted Box of Terminals Insulated

Part No.	Box of
AB42	340 Pieces

5 x Push-on Females: 2.8 mm Red, 4.8 mm Blue, 6.3 mm Red, 6.3 mm Blue, 9.5 mm Yellow.
1 x Piggyback: 6.3 mm Blue.
2 x Push-on Males: 6.3 mm Red, 6.3 mm Blue.
1 x Bullet: Ø 5.0 mm Blue.
1 x Receptacle Socket: Ø 5.0 mm Blue.
1 x Butt Connector: 4.0 mm O.D. Blue.
4 x Rings: Ø 4.3 mm Red, 5.3 mm (2BA) Blue, 6.4 mm (1/4") Blue, 8.4 mm (5/16") Blue.
2 x Bullet Connectors: Single, Double.

Assorted Box of Terminals Insulated - Red & Blue

Part No.	Box of
AB110N	210 Pieces

5 x Push-on Females: 2.8 mm Red, 4.8 mm Red, 4.8 mm Blue, 6.3 mm Red, 6.3 mm Blue.
1 x Push-on Female, Fully Insulated: 6.3 mm Blue.
2 x Push-on Males: 6.3 mm Red, 6.3 mm Blue.
2 x Bullets: Ø 4.0 mm Red, 5.0 mm Blue.
2 x Receptacle Sockets: Ø 4.0 mm Red, 5.0 mm Blue.
2 x Butt Connectors: 3.3 mm O.D. Red, 4.0 mm O.D. Blue.

Assorted Box of Terminals Insulated - Red & Blue with Crimping Pliers

Part No.	Box of
AB43	206 Pieces

2 x Push-on Females: 6.3 mm Red, 6.3 mm Blue.
1 x Piggyback: 6.3 mm Blue.
2 x Push-on Males: 6.3 mm Red, 6.3 mm Blue.
2 x Bullets: Ø 4.0 mm Red, 5.0 mm Blue.
2 x Receptacle Sockets: Ø 4.0 mm Red, 5.0 mm Blue.
2 x Butt Connectors: 3.3 mm O.D. Red, 4.0 mm O.D. Blue.
3 x Rings: Ø 5.3 mm (2BA) Red, 5.3 mm (2BA) Blue, 6.4 mm (1/4") Blue.
1 x Crimping Pliers.

Bullets & Connectors

Brass Bullets

Part No.	Pack of	Ø	Hole Ø
ET39	100	4.6 mm	2.0 mm

Bullet Connectors

Part No.	Pack of	Type	Hole Ø
ET1	100	Single	4.6 mm

Bullet Connectors

Part No.	Pack of	Type	Holes Ø
ET2	100	Double	4.6 mm

Non-Insulated Terminal Covers

Push-on Female

Part No.	Pack of	For Cable	Fits Width
ET41	100	Up to 2.50 mm²	6.3 mm

Female Bullet

Part No.	Pack of	For Cable	Fits Ø
ET482	100	0.50 - 2.00 mm²	4 mm

Male Bullet

Part No.	Pack of	For Cable	Fits Ø
ET481	100	0.50 - 2.00 mm²	4 mm

Non-Insulated Terminals

Push-on Females - 2.8 mm Brass

Part No.	Pack of	For Cable
ET423	50	0.75 - 1.50 mm²

Suits: BMW.

Push-on Females - 6.3 mm Zinc

Part No.	Pack of	For Cable
ET420	50	0.50 - 1.00 mm²

Suits: VW/AUDI/VOLVO/FORD/BMW/GM.

Push-on Females - 6.3 mm Brass

Part No.	Pack of	For Cable
ET60	100	1.00 - 2.50 mm

Push-on Females - 6.3 mm Zinc

Part No.	Pack of	For Cable
ET421	50	1.00 - 2.50 mm²

Suits: VW/AUDI/VOLVO/FORD/BMW/GM.

Push-on Males - 6.3 mm Zinc

Part No.	Pack of	For Cable
ET429	50	0.50 - 1.00 mm²

Suits: VW/AUDI/VOLVO/FORD/BMW/GM.

Push-on Males - 6.3 mm Brass

Part No.	Pack of	For Cable
ET61	100	1.00 - 2.50 mm

Suits: VW/AUDI/VOLVO/FORD/BMW/GM.

Push-on Males - 6.3 mm Zinc

Part No.	Pack of	For Cable
ET428	50	1.00 - 2.50 mm²

Bullets Male - 4.0 mm Ø

Part No.	Pack of	For Cable
ET401	100	0.50 - 2.00 mm²

Bullets Female - 4.0 mm Ø

Part No.	Pack of	For Cable
ET402	100	0.50 - 2.00 mm²

Flags - 6.3 mm

Part No.	Pack of	For Cable
ET432	50	1.50 - 2.50 mm²

Non-Insulated Terminals

Bullets Male - 1.6 mm Ø

Part No.	Pack of	For Cable
ET410	20	0.50 - 1.00 mm²

Suits: VW/AUDI/SAAB/FORD/BMW.

Bullets Female - 1.6 mm Ø

Part No.	Pack of	For Cable
ET409	20	0.50 - 1.00 mm²

Suits: VW/AUDI/SAAB/FORD/BMW.

Bullets Male - 1.6 mm Ø

Part No.	Pack of	For Cable
ET408	20	0.75 - 1.50 mm²

Suits: SAAB/FORD/BMW.

Bullets Female - 1.6 mm Ø

Part No.	Pack of	For Cable
ET407	20	0.75 - 1.50 mm²

Suits: SAAB/FORD/BMW.

Bullets Male - 3.5 mm Ø

Part No.	Pack of	For Cable
ET404	20	0.50 - 1.00 mm²

Suits: VW/AUDI/VOLVO/SAAB/BMW.

Bullets Female - 3.5 mm Ø

Part No.	Pack of	For Cable
ET405	20	0.50 - 1.00 mm²

Suits: VW/AUDI/VOLVO/SAAB/BMW.

Bullets Male - 3.5 mm Ø

Part No.	Pack of	For Cable
ET403	20	1.00 - 2.50 mm²

Suits: VW/AUDI/VOLVO/SAAB/BMW.

Bullets Female - 3.5 mm Ø

Part No.	Pack of	For Cable
ET406	20	1.00 - 2.50 mm²

Suits: VW/AUDI/VOLVO/SAAB/BMW.

Assorted Box of Terminals - Non-Insulated

Part No.	Box of
AB147N	150 Pieces

15 x Types: Bullets Male, Bullets Female, Push-on Males, Push-on Females (Suits VW, AUDI, VOLVO, SAAB, FORD, BMW, GM). Contents may vary.

Red Heat Shrink Terminals, Adhesive Lined

Cable Size: 0.5 - 1.5 mm²

Push-on Females

Part No.	Pack of	Width
ET204	25	6.3 mm

Push-on Males

Part No.	Pack of	Width
ET203	25	6.3 mm

Rings

Standard length.

Part No.	Pack of	Ø	
ET201	25	5.3 mm	(2BA)
ET202	25	6.4 mm	(1/4")

Butt Connectors

Part No.	Pack of	Ø
ET91	25	3.7 mm
ET91A	100	3.7 mm
ET91K	1,000	3.7 mm

Blue Heat Shrink Terminals, Adhesive Lined

Cable Size: 1.5 - 2.5 mm²

Push-on Females

Part No.	Pack of	Width
ET224	25	6.3 mm

Push-on Males

Part No.	Pack of	Width
ET223	25	6.3 mm

Rings

Standard length.

Part No.	Pack of	Ø	
ET221	25	6.4 mm	(1/4")
ET222	25	8.4 mm	(5/16")

Butt Connectors

Part No.	Pack of	Ø
ET92	25	5.0 mm
ET92A	100	5.0 mm
ET92K	1,000	5.0 mm

Assorted Box of Heat Shrink Terminals, Adhesive Lined - Red & Blue

Part No.	Box of
AB125	130 Pieces

2 x Push-on Females: 6.3 mm Red, 6.3 mm Blue.
2 x Push-on Males: 6.3 mm Red, 6.3 mm Blue.
2 x Butt Connectors: Ø 3.7 mm Red, 5.0 mm Blue.
4 x Rings, Standard Length: Ø 5.3 mm (2BA) Red, 6.4 mm (1/4") Red, 6.4 mm (1/4") Blue, 8.4 mm (5/16") Blue.

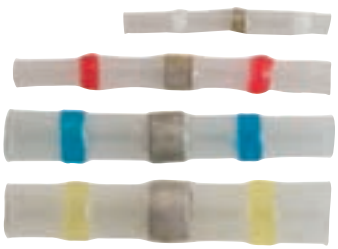
Assorted Box of Heat Shrink Terminals, Adhesive Lined - Butt Connectors

Part No.	Box of
AB190	220 Pieces

3 x Colours (Ø): Red (3.7 mm), Blue (5.0 mm), Yellow (6.5 mm)

Heat Shrink Butt Connectors - Solder Type

Shrink ratio: 3:1.



Part No.	Pack of	Stripe Colour	For Cable
ET301	10	Clear	0.1 - 0.5 mm²
ET302	10	Red	0.5 - 1.0 mm²
ET303	10	Blue	1.0 - 2.5 mm²
ET304	10	Yellow	2.5 - 6.0 mm²

1:1 Actual Size Images

Yellow Heat Shrink Terminals, Adhesive Lined

Cable Size: 4.0 - 6.0 mm²

Rings

Standard length.

Part No.	Pack of	Ø	
ET241	25	6.4 mm	(1/4")
ET242	25	8.4 mm	(5/16")

Butt Connectors

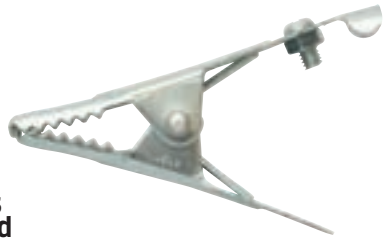
Part No.	Pack of	Ø
ET93	10	6.5 mm

Windproof Jet Flame Torch

Refills with standard butane gas chargers (suits Part No. SAS50). Colour/model may vary.

- **Windproof jet flame**

Part No.	Qty	Description
TL130	1	Jet Flame Torch



Crocodile Clips - Non-Insulated

Part No.	Pack of	Amperage
ECC25	25	25 A
ECC50	25	50 A

Crocodile Clips - Red & Black Insulated Grips

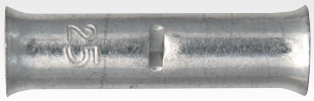
Part No.	Pack of	Amperage
ECC5	24 (12 x Each Colour)	5 A

Looking for Connectors?

Our brand new range of Connectors are on pages 36-37

Need a Crimping Tool?

Wiring Tools are on Pages 60-62



Copper Tube Butt Connectors

Part No.	Pack of	Cable Size	(Cable Entry Ø)
ET80	25	10 mm²	(4.5 mm)
ET81	25	16 mm²	(5.4 mm)
ET82	25	25 mm²	(6.8 mm)
ET83	10	35 mm²	(8.2 mm)
ET84	10	50 mm²	(9.5 mm)
ET85	10	70 mm²	(11.2 mm)

Assorted Box of Copper Tube Butt Connectors

Part No.	Box of
AB123N	110 Pieces

6 x Sizes (for Cable Diameter): 10, 16 , 25, 35, 50, 70 mm².

Copper Tube Terminals (Cable Lugs)

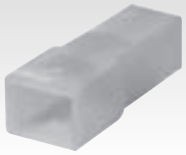
Part No.	Pack of	Cable Ø x Bolt Hole	(Cable Entry Ø)
ET69	10	10 mm² x 8 mm	(4.5 mm)
ET62	50	10 mm² x 12 mm	(4.5 mm)
ET70	10	16 mm² x 8 mm	(5.4 mm)
ET79	50	16 mm² x 12 mm	(5.4 mm)
ET71	10	25 mm² x 6 mm	(6.8 mm)
ET72	10	25 mm² x 8 mm	(6.8 mm)
ET63	50	25 mm² x 12 mm	(6.8 mm)
ET73	10	35 mm² x 8 mm	(8.8 mm)
ET74	10	35 mm² x 10 mm	(8.8 mm)
ET64	20	35 mm² x 12 mm	(8.8 mm)
ET75	10	50 mm² x 8 mm	(9.5 mm)
ET76	10	50 mm² x 10 mm	(9.5 mm)
ET77	10	70 mm² x 10 mm	(11.2 mm)
ET78	10	70 mm² x 12 mm	(11.2 mm)
ET65	1	120 mm² x 16 mm	(15.0 mm)
ET66	1	185 mm² x 12 mm	(19.0 mm)
ET68	1	240 mm² x 12 mm	(21.0 mm)

Assorted Box of Copper Tube Terminals

Part No.	Box of
AB114N	40 Pieces

10 x Sizes (for Cable Size x Bolt Hole Size): 10 mm² x 8 mm, 16 mm² x 8 mm, 25 mm² x 6 mm, 25 mm² x 8 mm, 35 mm² x 8 mm, 35 mm² x 10 mm, 50 mm² x 8 mm, 50 mm² x 10 mm, 70 mm² x 10 mm, 70 mm² x 12 mm.

Multiple Connectors
For 6.3 mm male terminals.
Suits Part No. ET61.



Single Female Housing

Part No.	Pack of	Dimensions (H x L x W)
ETB621	25	9.0 x 32.5 x 12.8 mm

2-way Female Housing

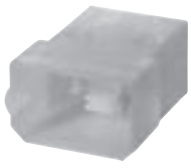
Part No.	Pack of	Dimensions (H x L x W)
ETB622	25	13.5 x 32.5 x 15.5 mm

2-way (T-shape) Female Housing

Part No.	Pack of	Dimensions (H x L x W)
ETB622T	25	20.0 x 32.5 x 2.5 mm

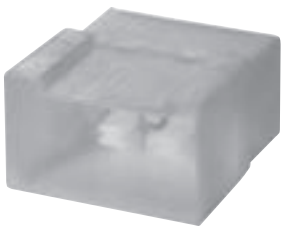
3-way Female Housing

Part No.	Pack of	Dimensions (H x L x W)
ETB623	25	20.4 x 31.7 x 15.2 mm



4-way Female Housing

Part No.	Pack of	Dimensions (H x L x W)
ETB624	25	17.1 x 32.5 x 27.9 mm



6-way Female Housing

Part No.	Pack of	Dimensions (H x L x W)
ETB626	25	18.1 x 32.3 x 31.5 mm

Multiple Connectors
For 6.3 mm female terminals.
Suits Part No. ET60.

Single Male Housing

Part No.	Pack of	Dimensions (H x L x W)
ETB611	25	6.5 x 21.4 x 10.0 mm

2-way Male Housing

Part No.	Pack of	Dimensions (H x L x W)
ETB612	25	10.0 x 23.0 x 12.8 mm

2-way (T-shape) Male Housing

Part No.	Pack of	Dimensions (H x L x W)
ETB612T	25	10.0 x 23.0 x 12.8 mm

3-way Male Housing

Part No.	Pack of	Dimensions (H x L x W)
ETB613	25	18.0 x 22.8 x 15.2 mm

4-way Male Housing

Part No.	Pack of	Dimensions (H x L x W)
ETB614	25	14.0 x 22.9 x 23.9 mm

6-way Male Housing

Part No.	Pack of	Dimensions (H x L x W)
ETB616	25	15.0 x 24.0 x 37.6 mm

Push-on Males - 6.3 mm Brass

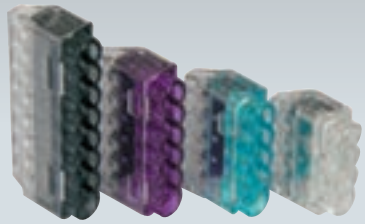
Part No.	Pack of	For Cable
ET61	100	1.00 - 2.50 mm

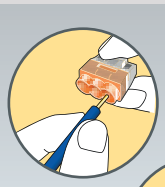
Suits: VW/AUDI/VOLVO/FORD/BMW/GM.

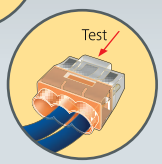
Push-on Females - 6.3 mm Brass

Part No.	Pack of	For Cable
ET60	100	1.00 - 2.50 mm

HellermannTyton







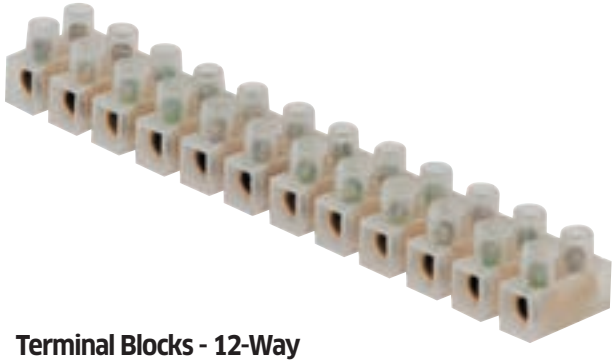
HELLERMANN TYTON 'Helacon' Mini Wire Connectors

450v 24A. Transparent wire connectors.
Suitable for 2.5 mm² solid and stranded cable.

- Voltage test entry on the front guarantees safety during application, installation and maintenance.
- Provides a proper fixing that can be optically checked through the transparent housing.

Part No.	Pack of	Type	Colour
ETB102	100	2 Hole	Yellow
ETB103	100	3 Hole	Orange
ETB104	75	4 Hole	Clear
ETB105	50	5 Hole	Light Blue
ETB106	50	6 Hole	Purple
ETB108	40	8 Hole	Black

'Helacon' mini wire connectors are used for fast, easy and reliable connection and distribution of cable and conductors. Simply insert the cable completely into the connect. A double spring mechanism provides a secure installation and will support fitters especially in awkward situations like difficult-to-reach areas and overhead work. To change or correct a wire, simply hold and twist it left and right while pulling the connector.



Terminal Blocks - 12-Way

Part No.	Pack of	Amperage
ETB2.5	10 Blocks	2.5 A
ETB5	10 Blocks	5 A
ETB15	10 Blocks	15 A
ETB30	10 Blocks	30 A

Ceramic Terminal Block

76A, 450V. Temperature rating: 500°C.

Part No.	Qty	Type	Cable Size
ETB50	1	2 Pole	16 mm²

3M

3M 'Scotchlok' Connectors

Part No.	Pack of	Colour	3M No.
ESL1	100	Red	No. 905

3M

BEST SELLER

3M 'Scotchlok' Connectors

Part No.	Pack of	Colour	3M No.
ESL2	100	Blue	No. 560

3M

3M 'Scotchlok' Connectors - 'T' Tap

Part No.	Pack of	Colour	3M No.
ESL5	50	Blue	No. 952

3M

3M 'Scotchlok' Connectors - Self-Stripping Blade Fuse Holders

Part No.	Pack of	Colour	3M No.
ESL6	20	Blue	No. 972

Snap-Lock Connectors

Part No.	Pack of	Colour
ESL51	100	Red

BEST SELLER

Snap-Lock Connectors

Part No.	Pack of	Colour
ESL52	100	Blue

Superseal Connectors

Ideal for applications where a waterproof joint/seal is required for electrical cabling. The system comprises of the connector, the pin and the seal and is suitable for cable sizes from 0.5 mm² to 1.5 mm².
Use Part No. RG10330 for a professional crimp.

Assorted Box of Superseal Connectors

Part No.	Qty	Box of
AB520	1	424 Pieces

6 x 1-way Female. 6 x 1-way Male. 12 x 2-way Female. 12 x 2-way Male. 5 x 3-way Female. 5 x 3-way Male. 4 x 4-way Female. 4 x 4-way Male. 3 x 5-way Female. 3 x 5-way Male. 2 x 6-way Female. 2 x 6-way Male. 180 x Yellow Rubber Seals. 90 x 1.5 mm Female Pin. 90 x 1.5 mm Male Pin.

Superseal 1-way Kit 6pc

Part No.	Qty	Contacts
ET550	1 Kit	1-way

Contains: 1x 1-way male and 1x 1-way female connector, 1x male and 1x female pin and 2x rubber seals.

Superseal 3-way Kit 14pc

Part No.	Qty	Contacts
ET552	1 Kit	3-way

Contains: 1x 3-way male and 1x 3-way female connector, 3x male and 3x female pins and 6x rubber seals.

Superseal 5-way Kit 22pc

Part No.	Qty	Contacts
ET554	1 Kit	5-way

Contains: 1x 5-way male and 1x 5-way female connector, 5x male and 5x female pins and 10x rubber seals.

Superseal 2-way Kit 10pc

Part No.	Qty	Contacts
ET551	1 Kit	2-way

Contains: 1x 2-way male and 1x 2-way female connector, 2x male and 2x female pins and 4x rubber seals.

Superseal 4-way Kit 18pc

Part No.	Qty	Contacts
ET553	1 Kit	4-way

Contains: 1x 4-way male and 1x 4-way female connector, 4x male and 4x female pins and 8x rubber seals.

Superseal 6-way Kit 26pc

Part No.	Qty	Contacts
ET555	1 Kit	6-way

Contains: 1x 6-way male and 1x 6-way female connector, 6x male and 6x female pins and 12x rubber seals.

RG TOOLS Superseal Ratchet Crimping Tool

Complete with one set of H2 and one set of H3 jaws. Supplied in a robust plastic storage case.

- **Ergonomically designed handle for ease of use**
- **Ratchet ensures correct crimping pressure**
- **H2 jaws suitable for 0.35 mm² - 0.5 mm² & 1.5 mm² cable**
- **H3 jaws suitable for 0.75 mm² & 1.0 mm² cable**

Part No.	Qty	Description
RG10330	1	Ratchet Crimping Pliers

Superseal Terminals

Replacement terminals for Part Nos. ET550, ET551, ET552, ET553, ET554 and ET555.

Part No.	Pack Qty	Type	Size
ET556	100	Female	1.5 mm
ET557	100	Male	1.5 mm

Superseal Yellow Seals

Replacement seals for Part Nos. ET550, ET551, ET552, ET553, ET554 and ET555.

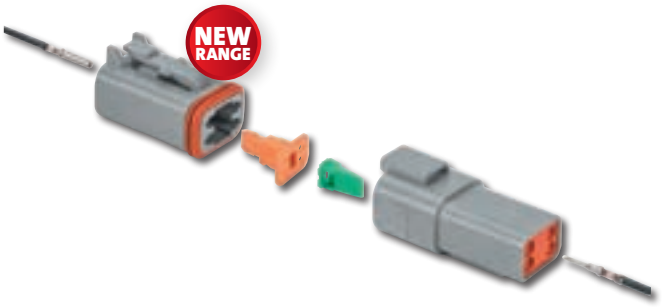
Part No.	Pack Qty	Colour
ET558	100	Yellow

DT Connectors

Heavy-duty waterproof connectors which are designed to prevent dirt, grit, moisture and damp damaging wiring joints/crimped connections.

The system comprises of the connector, the pin and the locking wedge and is suitable for cable sizes from 0.5 mm² to 1.5 mm².

Use Part No. RG10333 for a professional crimp.



Assorted Box of DT Connectors

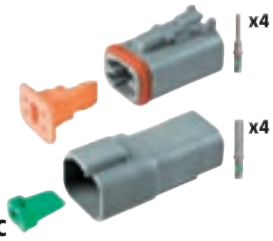
Part No.	Qty	Box of
AB521	1	152 Pieces

2 pin, 3 pin, 4 pin, 6 pin, 8 pin, 12 pin, plus wedges, locking plates, blanking stems plus male and female terminals.

DT Connector 2-way Kit 8pc

Part No.	Qty	Contacts
ET560	1 Kit	2-way

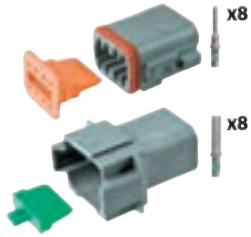
Contains: 1x 2-way male and 1x 2-way female connector, 2x male and 2x female pins and 1x male and 1x female wedge.



DT Connector 4-way Kit 12pc

Part No.	Qty	Contacts
ET562	1 Kit	4-way

Contains: 1x 4-way male and 1x 4-way female connector, 4x male and 4x female pins and 1x male and 1x female wedge.



DT Connector 8-way Kit 20pc

Part No.	Qty	Contacts
ET564	1 Kit	8-way

Contains: 1x 8-way male and 1x 8-way female connector, 8x male and 8x female pins and 1x male and 1x female wedge.

DT Connector 3-way Kit 10pc

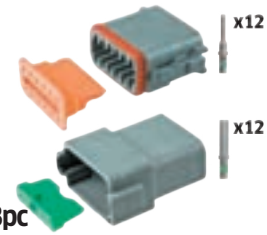
Part No.	Qty	Contacts
ET561	1 Kit	3-way

Contains: 1x 3-way male and 1x 3-way female connector, 3x male and 3x female pins and 1x male and 1x female wedge.

DT Connector 6-way Kit 16pc

Part No.	Qty	Contacts
ET563	1 Kit	6-way

Contains: 1x 6-way male and 1x 6-way female connector, 6x male and 6x female pins and 1x male and 1x female wedge.



DT Connector 12-way Kit 28pc

Part No.	Qty	Contacts
ET565	1 Kit	12-way

Contains: 1x 12-way male and 1x 12-way female connector, 12x male and 12x female pins and 1x male and 1x female wedge.

RGTOOLS

RG TOOLS DT/DTM Crimping Tool

Crimping tool for male and female DT/DTM terminals.

- **Soft grip ergonomic handles**
- **4-way jaw action offers a professional crimp on the terminal**
- **For cable diameter: 0.5 mm² - 1.5 mm²**

Part No.	Qty	Description
RG10333	1	DT/DTM Crimping Tool

DT Connector Terminals

Replacement terminals for Part Nos. ET560, ET561, ET562, ET563, ET564 and ET565.

Part No.	Pack Qty	Type
ET566	50	Female
ET567	50	Male

DT Connector Housing Blanks

For use with DT connectors to seal unused openings.

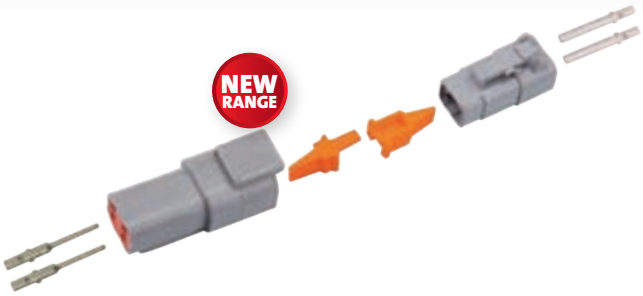
Part No.	Pack Qty	Description
ET568	50	Blanking Seal

DTM Connectors

Slightly smaller heavy-duty waterproof connectors with miniature contacts allow easy access when space is limited.

The system comprises of the connector, the pin and the locking wedge and is suitable for cable sizes from 0.5 mm² to 1.5 mm².

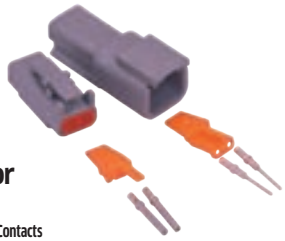
Use Part No. RG10333 for a professional crimp.



Assorted Box of DTM Connectors

Part No.	Qty	Box of
AB522	1	126 Pieces

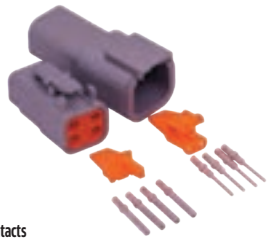
Kit contains: 2 pin, 3 pin, 4 pin, 6 pin, 8 pin, 12 pin, plus wedges, locking plates, blanking stems plus male and female terminals.



DTM Connector 2-Way Kit 8pc

Part No.	Qty	Contacts
ET570	1 Kit	2-Way

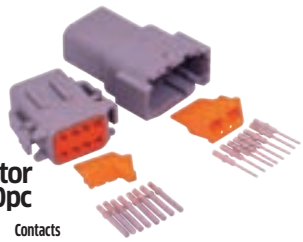
Contains: 1x 2-way male and 1x 2-way female connector, 2x male and 2x female pins and 1x male and 1x female wedge.



DTM Connector 4-Way Kit 12pc

Part No.	Qty	Contacts
ET572	1 Kit	4-Way

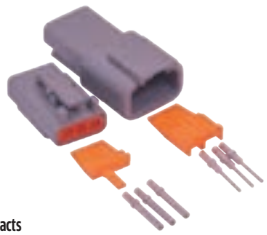
Contains: 1x 4-way male and 1x 4-way female connector, 4x male and 4x female pins and 1x male and 1x female wedge.



DTM Connector 8-Way Kit 20pc

Part No.	Qty	Contacts
ET574	1 Kit	8-Way

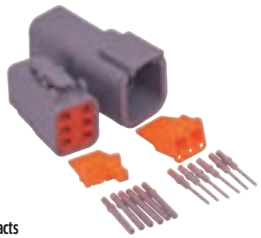
Contains: 1x 8-way male and 1x 8-way female connector, 8x male and 8x female pins and 1x male and 1x female wedge.



DTM Connector 3-Way Kit 10pc

Part No.	Qty	Contacts
ET571	1 Kit	3-Way

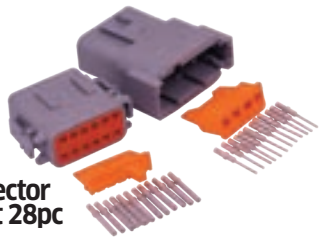
Contains: 1x 3-way male and 1x 3-way female connector, 3x male and 3x female pins and 1x male and 1x female wedge.



DTM Connector 6-Way Kit 16pc

Part No.	Qty	Contacts
ET573	1 Kit	6-Way

Contains: 1x 6-way male and 1x 6-way female connector, 6x male and 6x female pins and 1x male and 1x female wedge.



DTM Connector 12-Way Kit 28pc

Part No.	Qty	Contacts
ET575	1 Kit	12-Way

Contains: 1x 12-way male and 1x 12-way female connector, 12x male and 12x female pins and 1x male and 1x female wedge.

RGTOOLS

RG TOOLS DT/DTM Crimping Tool

Crimping tool for male and female DT/DTM terminals.

- **Soft grip ergonomic handles**
- **4-way jaw action offers a professional crimp on the terminal**
- **For cable diameter: 0.5 mm² - 1.5 mm²**

Part No.	Qty	Description
RG10333	1	DT/DTM Crimping Tool

DTM Connector Terminals

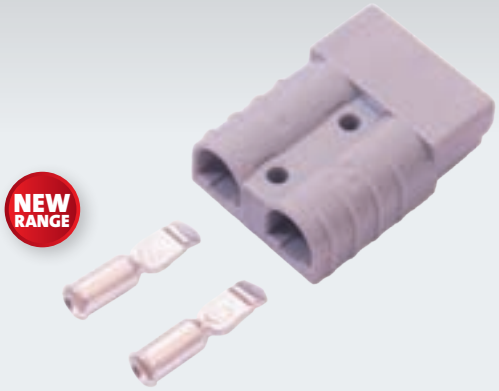
Replacement terminals for Part Nos. ET570, ET571, ET572, ET573, ET574 and ET575.

Part No.	Pack Qty	Type
ET576	50	Male
ET577	50	Female

DTM Connector Housing Blanks

For use with DTM connectors to seal unused openings.

Part No.	Pack Qty	Description
ET578	50	Blanking Seal

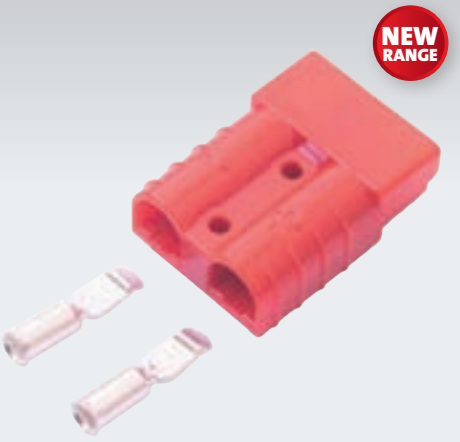


High Current Connector Grey

Genderless high current power connectors used to connect and disconnect heavy duty cables quickly and safely.

Housings come complete with two heavy duty terminals.

Part No.	Qty	Amperage	Cable Size
ET603	1 Kit	**50A**	16mm²
ET604	1 Kit	**175A**	60mm²
ET605	1 Kit	**350A**	70mm²



High Current Connector Red

Genderless high current power connectors used to connect and disconnect heavy duty cables quickly and safely.

Housings come complete with two heavy duty terminals.

Part No.	Qty	Amperage	Cable Size
ET600	1 Kit	**50A**	16mm²
ET601	1 Kit	**175A**	60mm²
ET602	1 Kit	**350A**	70mm²

Wiring Grommets

Black PVC. Fits 1.6 mm panel thickness.

Part No.	Pack of	Size	For Hole x I.D.
EG28	100	**6 mm**	6.4 x 4.0 mm
EG29	100	**9 mm**	9.3 x 7.7 mm
EG30	100	**12 mm**	12.3 x 9.5 mm
EG31	100	**16 mm**	15.8 x 12.0 mm
EG32	100	**20 mm**	20.2 x 15.8 mm
EG33	100	**25 mm**	25.0 x 19.5 mm
EG34	100	**32 mm**	31.0 x 24.0 mm
EG35	100	**38 mm**	37.4 x 31.5 mm
EG36	100	**50 mm**	50.5 x 44.5 mm

Blanking Grommets

Black PVC. Fits 1.6 mm panel thickness.

Part No.	Pack of	Size	For Hole x O.D.
EG1	100	**6 mm**	6.4 x 8.5 mm
EG2	100	**9 mm**	9.3 x 13.4 mm
EG3	100	**12 mm**	12.3 x 16.2 mm
EG4	100	**16 mm**	15.8 x 19.0 mm
EG5	100	**20 mm**	20.0 x 24.2 mm
EG6	100	**25 mm**	25.0 x 29.2 mm
EG7	100	**32 mm**	31.7 x 38.1 mm
EG8	100	**38 mm**	37.7 x 44.4 mm
EG9	100	**50 mm**	50.5 x 57.2 mm

Assorted Box of Grommets - Wiring

Black PVC.

Part No.	Box of
AB192N	**220 Pieces**

7 x Sizes, for hole Ø x I.D.: 6.4 x 4.0, 9.3 x 7.7, 12.3 x 9.5, 15.8 x 12.0, 20.2 x 15.8, 25.0 x 19.5, 31.0 x 24.0 mm.

Assorted Box of Grommets - Blanking

Black PVC.

Part No.	Box of
AB191N	**220 Pieces**

7 x Sizes, for hole Ø: 6.4, 9.3, 12.3, 15.8, 20.0, 25.0, 31.7 mm.

Easy-Fit Grommet

Black PVC. Fits 1.6 mm panel thickness.

Part No.	Pack of	Size	For Hole x I.D.
EG37	100	**20 mm**	19.5 x 16.8 mm
EG38	100	**25 mm**	24.5 x 22.3 mm

Assorted Box of Blanking & Wiring Grommets

Black PVC.

Part No.	Box of
AB244	**250 Pieces**

7 x Blanking (for Holes Ø) 6.4, 9.3, 12.3, 15.8, 20.0, 25.0 mm.
7 x Wiring (for Holes Ø x I.D.) 6.4 x 4.0, 9.3 x 7.7, 12.3 x 9.5, 15.8 x 12.0, 20.2 x 15.8, 25.0 x 19.5 mm.

Heat Shrink Tubing - Black

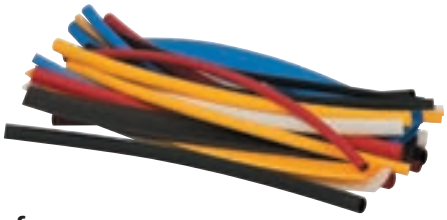
Polyolefin. Shrink Ratio: 2:1.

Part No.	Length	I.D. (Pre Shrink)
EHS13	11 m	3.2 mm
EHS41	25 m	3.2 mm
EHS14	10 m	4.8 mm
EHS42	20 m	4.8 mm
EHS43	15 m	6.4 mm
EHS44	15 m	9.5 mm
EHS45	10 m	12.7 mm

Heat Shrink Tubing - Red

Polyolefin. Shrink Ratio: 2:1.

Part No.	Length	I.D. (Pre Shrink)
EHS13RE	11 m	3.2 mm
EHS41RE	25 m	3.2 mm
EHS14RE	10 m	4.8 mm
EHS42RE	20 m	4.8 mm
EHS43RE	15 m	6.4 mm
EHS44RE	15 m	9.5 mm
EHS45RE	10 m	12.7 mm



Assorted Pack of Heat Shrink Tubing - 200 mm Lengths

Polyolefin. Shrink Ratio: 2:1.

Part No.	Pack of
AP33	30 Pieces

4 x Sizes: 3.2, 4.8, 6.4, 12.7 mm. 5 x Colours: Black, Blue, Red, White & Yellow.

Adhesive Lined Heat Shrink Tubing - Black

Polyolefin. Shrink Ratio: 3:1.

Part No.	Length	I.D. (Pre Shrink)
EHS61	1.22 m	4.8 mm
EHS62	1.22 m	9.5 mm
EHS63	1.22 m	12.7 mm
EHS64	1.22 m	19.1 mm

Assorted Box of Heat Shrink Tubing - 50 mm Lengths

Polyolefin. Shrink Ratio: 2:1.

Part No.	Box of
AB103	172 Pieces

4 x Sizes: 3.2, 4.8, 6.4, 12.7 mm.
4 x Colours: Black, Blue, Red, Yellow.

Self-Fusing Silicone Rubber Tape

RoSH compliant to 2022/95/EC.

- No Adhesive.
- Withstands temperatures: +260°C (+500°F).
- Remains flexible to -60°C (-85°F).
- 700 PSI tensile strength.
- Insulates to 8,000 Volts per layer.
- Stretches 300%.

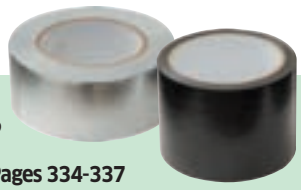
Part No.	Qty	Colour	Width x Length
VC415	1	Black	25 mm x 3 m

Assorted Box of Heat Shrink Tubing - 100 mm Lengths

Polyolefin. Shrink Ratio: 2:1.

Part No.	Box of
AB221	100 Pieces

2 x Sizes: 4.8, 6.4 mm. 2 x Colours: Black, Red.



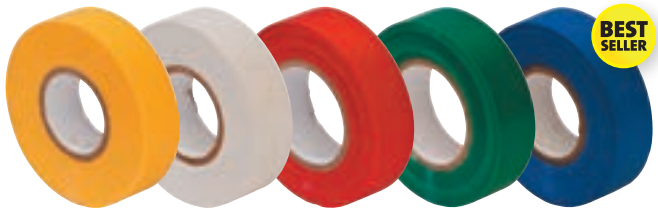
Looking for More Adhesive Tapes?

Our new expanded range is on Pages 334-337

PVC Insulation Tape

Flame Retardant to BS EN 60454 Type 2.

Part No.	Pack of	Colour	Width x Length
EPT1	10	Black	19 mm x 20 m
EPT11	10	Blue	19 mm x 20 m
EPT17	10	Brown	19 mm x 20 m
EPT12	10	Green	19 mm x 20 m
EPT13	10	Green/Yellow Stripe	19 mm x 20 m
EPT18	10	Grey	19 mm x 20 m
EPT14	10	Red	19 mm x 20 m
EPT15	10	White	19 mm x 20 m
EPT16	10	Yellow	19 mm x 20 m



Assorted Pack of PVC Insulation Tape

Flame Retardant to BS EN 60454 Type 2.

Part No.	Pack of	Width x Length
EPT3	10 Pieces	19 mm x 20 m

5 x Colours: (2 x) Blue, Green, Red, White, Yellow.

ADVANCE

ADVANCE Polyisobutylene Self-Amalgamating Tape

For insulation, termination and sealing. Quickly fuses into a solid mass with excellent weathering characteristics and high dielectric strength. High resistance to ozone, water and protective against corrosion.

Part No.	Pack of	Colour	Width x Length
EPT4	2	Black	19 mm x 10 m

Loom Tape - Linen

Natural rubber adhesive system.

Part No.	Pack of	Colour	Width x Length
EPT6	2	Black	19 mm x 50 m

PVC Tape - 2" Wide

Part No.	Qty	Colour	Width x Length
EPT2	1	Black	50 mm x 33 m

Nitto

NITTO '21A' PVC Insulation Tape

0.20 mm Tape Thickness (200 Micron).

Part No.	Pack of	Colour	Width x Length
EPT21	10 Rolls	Black	19 mm x 20 m

ADVANCE

ADVANCE 'AT7' PVC Insulation Tape

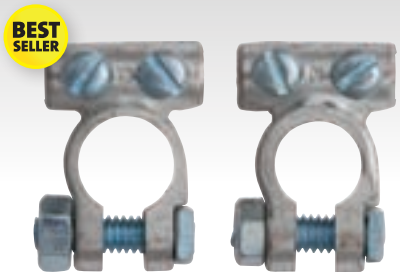
Flame Retardant to BS EN 60454 Type 2.

Part No.	Pack of	Colour	Width x Length
EPT7	10 Rolls	Black	19mm x 20 m

Non-Adhesive Loom Tape

NON adhesive PVC.

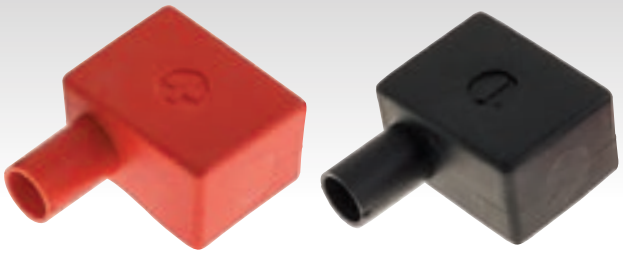
Part No.	Pack of	Colour	Width x Length
EPT5	2	Black	19 mm x 33 m



Battery Terminals - Twin Screw

Plated brass.

Part No.	Pack of	Polarity	Cable	Entry Ø
BT1	10	+ Positive	25 mm²	8.5 mm
BT2	10	- Negative	25 mm²	8.5 mm



PVC Battery Terminal Covers - L-Shape Left Entry

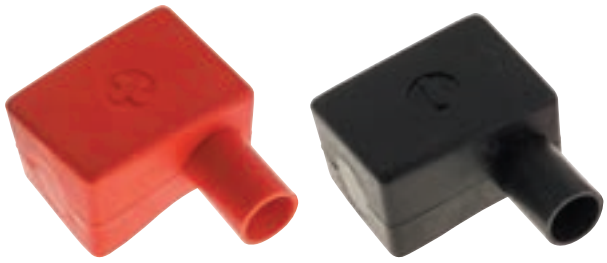
For cable up to 50 mm² (14 mm Ø). Suits Part No.s BT1, BT2, BT3 & BT4.

Part No.	Pack of	Colour/Polarity	Cable Up To	Entry Ø
BTC2	10	Red + Positive	50 mm²	14 mm
BTC1	10	Black - Negative	50 mm²	14 mm

Battery Terminals - Twin Screw

Plated brass.

Part No.	Pack of	Polarity	Cable	Entry Ø
BT3	10	+ Positive	60 mm²	10.5 mm
BT4	10	- Negative	60 mm²	10.5 mm



PVC Battery Terminal Covers - L-Shape Right Entry

For cable up to 50 mm² (14 mm Ø). Suits Part No.s BT1, BT2, BT3 & BT4.

Part No.	Pack of	Colour/Polarity	Cable Up To	Entry Ø
BTC4	10	Red + Positive	50 mm²	14 mm
BTC3	10	Black - Negative	50 mm²	14 mm

Battery Terminals - Post Type with Nuts

Plated brass.

Part No.	Pack of	Polarity	Post Size
BT25	5	+ Positive	M10
BT26	5	- Negative	M10

Battery Terminals - Post Type with Wing Nuts

Plated brass.
Suitable for FORD Cargo.

Part No.	Pack of	Polarity	Post Size
BT23	5	+ Positive	M10
BT24	5	- Negative	M10

Battery Terminals - Twin Screw

Plated brass.

Part No.	Pack of	Polarity	Cable	Entry Ø
BT21	5	+ Positive	70 mm²	14.0 mm
BT22	5	- Negative	70 mm²	14.0 mm

Battery Terminals - Offset Type

Plated brass.

Part No.	Pack of	Polarity
BT27	5	+ Positive
BT28	5	- Negative

Plug-In Bases with SAE Configuration 9-Pole for Relays

Takes 5 x 6.3 mm, 4 x 2.8 mm.

Part No.	Pack of	Description
ERL100	10	Relay Plug-In Bases

SAS

S·A·S Battery Terminal Protector

Suitable for use on batteries and earthing straps in cars, buses, trains and plant hire equipment.

- Protects against corrosion
- Improves electrical continuity thus improving starting
- Contains an indicator to visualise acid leaks (turns red)
- Waterproofs terminals
- Silicone FREE formula

Part No.	Pack of	Size
SAS3	6	500ml Aerosols

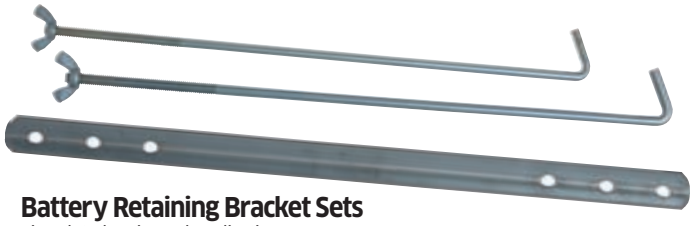
KS TOOLS GERMANY

KS TOOLS Battery Terminal Cleaning Tool

Made from forged aluminium with steel milled inserts.

- Removes corrosion from car battery terminal.
- Scraper for battery positive terminal (+).
- Scraper for battery negative terminal (-).
- Conical mill for battery terminals (+ and -).

Part No.	Qty	Description
K700.1195	1	Battery Terminal Cleaning Tool



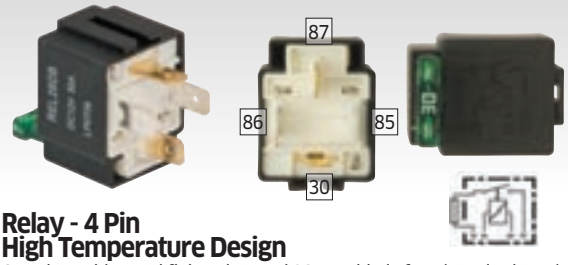
Battery Retaining Bracket Sets

Zinc plated. Universal application.

Part No.	Pack of	Description
BT7	10	Bracket Sets

Looking for Battery Cables?

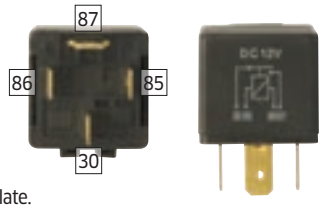
See the Auto Cable range on Page 67



Relay - 4 Pin High Temperature Design

Complete with metal fixing plate and 30 amp blade fuse (standard type).

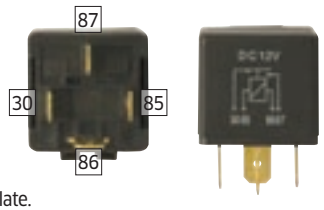
Part No.	Qty	Volts	Amps
ERL5	1	DC 12V	30 A



Relay - 4 Pin

Complete with metal fixing plate.

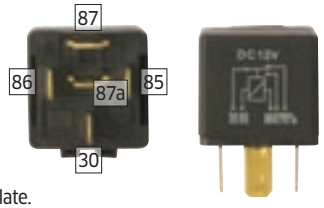
Part No.	Qty	Volts	Amps	Contact Type
ERL1	1	DC 12V	30 A	Normally Open



Relay - 4 Pin

Complete with metal fixing plate.

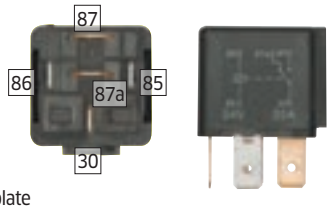
Part No.	Qty	Volts	Amps	Contact Type
ERL11	1	DC 12V	40 A	Normally Open



Relay - 5 Pin

Complete with metal fixing plate.

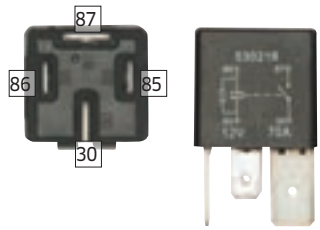
Part No.	Qty	Volts	Amps	Contact Type
ERL7	1	DC 12V	20/30 A	Normally Open



Relay - 5 Pin Change Over

Complete with metal fixing plate

Part No.	Qty	Volts	Amps
ERL4	1	DC 24V	10/20 A



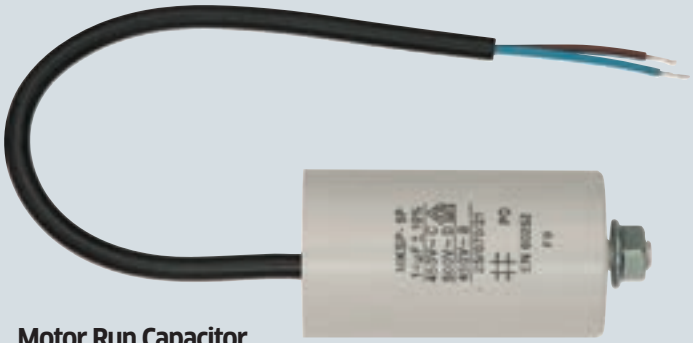
Relay - 4 Pin Make & Break

Part No.	Qty	Volts	Amps
ERL6	1	DC 12V	70 A

Motor Run Capacitor - Spade Connectors

EN 60252-1 VDE approved. RoHS.
Plastic case with 6.3 x 0.8 mm fast-on terminals
(6.4 mm spade connectors) to PN-EN6120.
M8 x 10 mm thread complete with M8 serrated nut.

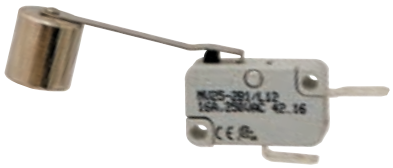
Part No.	Qty	Rated Capacitance	Dia x Body Length
CPR14	1	14uF	35 x 83 mm
CPR16	1	16uF	35 x 83 mm
CPR20	1	20uF	40 x 83 mm
CPR25	1	25uF	45 x 83 mm
CPR30	1	30uF	45 x 83 mm
CPR35	1	35uF	50 x 83 mm
CPR40	1	40uF	45 x 119 mm



Motor Run Capacitor - Cable Lead Connectors

EN 60252-1 VDE approved. RoHS.
Plastic case with 2-core cable lead according to PN-91/E-90103.
M8 x 10 mm thread complete with M8 serrated nut.

Part No.	Qty	Rated Capacitance	Dia x Body Length
CPR14M	1	14uF	40 x 70 mm
CPR25M	1	25uF	45 x 78 mm
CPR40M	1	40uF	45 x 114 mm
CPR60M	1	60uF	50 x 119 mm



Heater Tip Over Safety Cut Out Switch

16A, 250VAC. Turns a heater off if turned over.

Part No.	Qty	Description
EC15	1	Safety Cut Out Switch

1:1 Actual Size Images

12V Illuminated Indicator Light

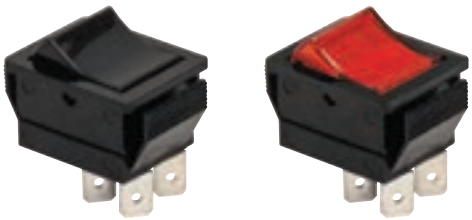
Fits 12 mm round hole, 6.3 mm male blade terminals.

Part No.	Pack of	Colour
EC85	10	Red
EC82	10	Amber
EC84	10	Green
EC83	10	Blue

12V LED Warning Light - Round

Fits 20 mm round hole, 6.3 mm male blade terminals.

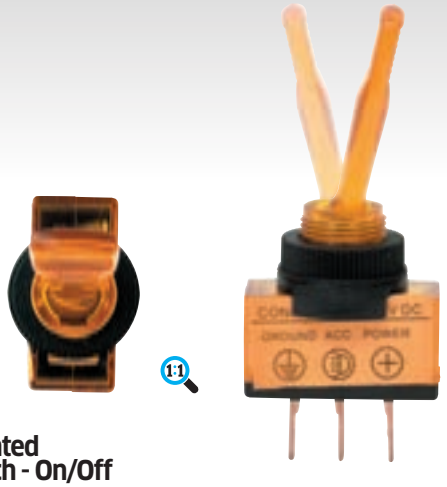
Part No.	Pack of	Colour
EC88A	1	Red
EC88	10	Red
EC89A	1	Amber
EC89	10	Amber
EC91	10	Green
EC90A	1	Blue
EC90	10	Blue



Heater & Vacuum On/Off Switches

16(4)A, 250VAC. Panel cut out 'A' style: 27.2 x 22.3 mm.

Part No.	Qty	Switch Colour
EC13	1	Black
EC14	1	Illuminated Red



12V Illuminated Toggle Switch - On/Off

Fits 12.5 mm round hole, 20A.(*NOT Illuminated).

Part No.	Pack of	Colour
EC9	10	Black *
EC77	10	Red
EC74	10	Amber
EC76A	1	Green
EC76	10	Green
EC75A	1	Blue
EC75	10	Blue

12V LED Metal Toggle Switch - On/Off

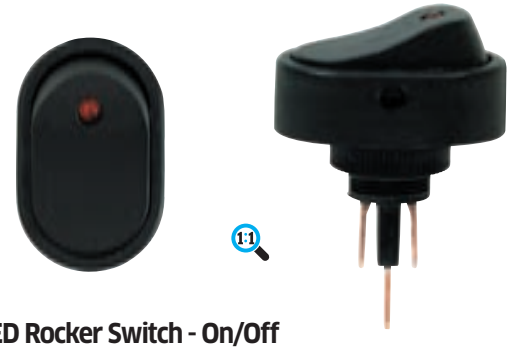
Fits 12.5 mm round hole, 25A, Silver contacts.
Heavy Duty, 6.3 mm male blade terminals.

Part No.	Pack of	Colour
EC66	10	Red
EC63	10	Amber
EC65	10	Green
EC64	10	Blue

12V LED Spot Rocker Switch - On/Off

Fits 12.5 mm hole, 16A. 6.3 mm blade terminals.

Part No.	Pack of	Colour
EC73	10	Red
EC70	10	Amber
EC72	10	Green
EC71	10	Blue



12V LED Rocker Switch - On/Off

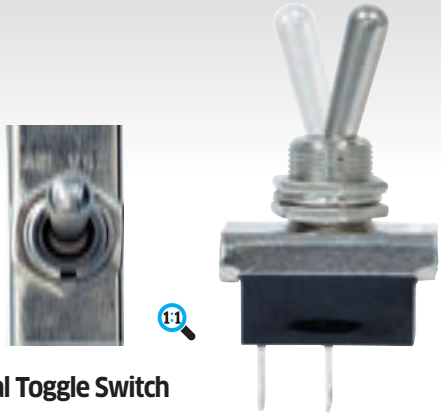
Fits 12.5 mm hole, 16A. 6.3 mm blade terminals.

Part No.	Pack of	Colour
EC81	10	Red
EC78A	1	Amber
EC78	10	Amber
EC80	10	Green

Looking for RCD Switches?

A range of Circuit Breakers starts from Page 72

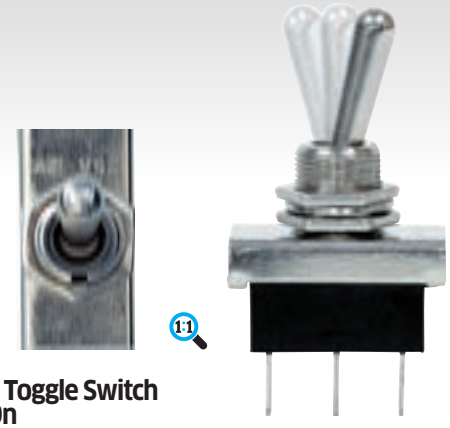
1:1 Actual Size Images



12V Metal Toggle Switch - On/Off

Fits 12.5 mm round hole, 25A, Silver contacts.
Heavy Duty, 6.3 mm male blade terminals.

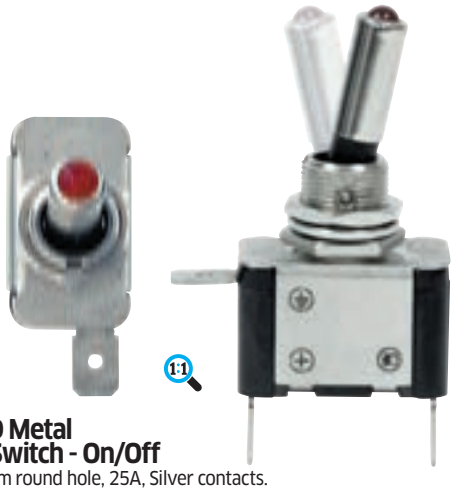
Part No.	Pack of	Type
EC67	10	On/Off



12V Metal Toggle Switch - On/Off/On

Fits 12.5 mm round hole, 25A, Silver contacts.
Heavy Duty, 6.3 mm male blade terminals.

Part No.	Pack of	Type
EC68	10	On/Off/On



12V LED Metal Toggle Switch - On/Off

Fits 12.5 mm round hole, 25A, Silver contacts.
Heavy Duty, 6.3 mm male blade terminals.

Part No.	Pack of	Colour
EC66	10	Red
EC63	10	Amber
EC65	10	Green
EC64	10	Blue

12V Push Button Switch - Brass

20A. Fits 19 mm round hole. Vandal resistant. Zinc plated.

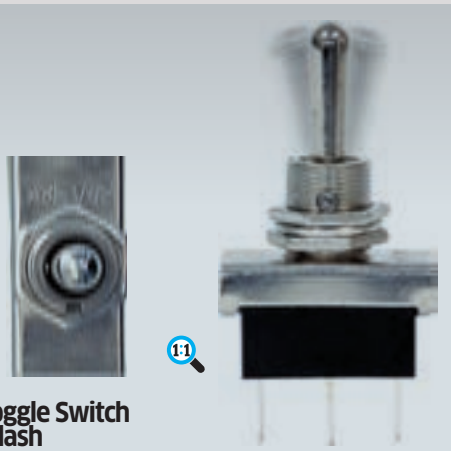
Part No.	Pack of	Description
EC86	5	Push Switches

12V Push Button Switch - Heavy Duty

Fits 26 mm round hole 16A. Plastic. Stays on while the button is pressed.

Part No.	Pack of	Description
EC87	10	Push Switches

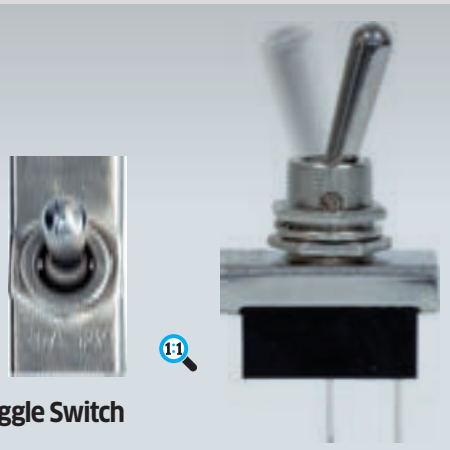
1:1 Actual Size Images



12V Metal Toggle Switch - Flash/Off/Flash

Fits 12.5 mm round hole, 25A, Silver contacts.
Heavy Duty, 6.3 mm male blade terminals.

Part No.	Pack of	Type
EC69	10	Flash/Off/Flash



12V Metal Toggle Switch - Flash/Off

Fits 12.5 mm round hole, 25A, Silver contacts.
Heavy Duty, 6.3 mm male blade terminals.

Part No.	Pack of	Type
EC62	10	Flash/Off

12V/24V Push/Pull Switch

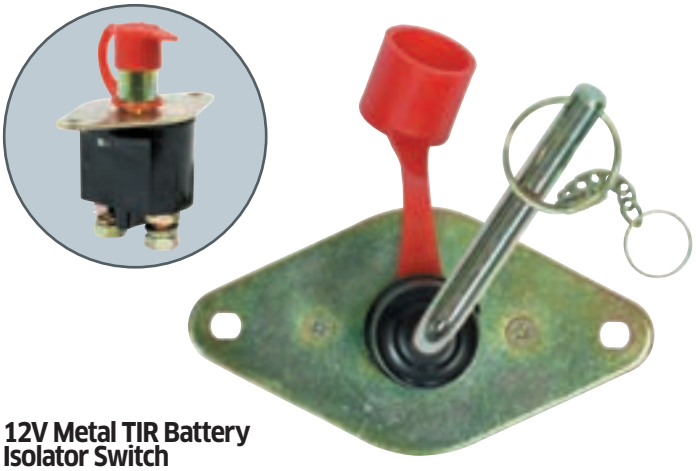
Fits 8 mm round hole, 16A @ 12V, 8A @ 24V, screw terminals.

Part No.	Pack of	Type
EC60	10	Long Neck

12V/24V Push/Pull Switch

Fits 8 mm round hole, 16A @ 12V, 8A @ 24V, screw terminals.

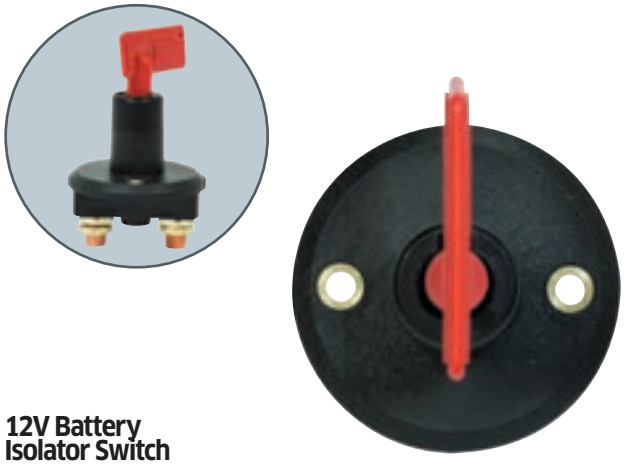
Part No.	Pack of	Type
EC61	10	Short Neck



12V Metal TIR Battery Isolator Switch

250 A continuous, 2500 A for 10 seconds.
Heavy duty. (Image shown NOT actual size).

Part No.	Qty	Description
EC94	1 Set	Switch & Key
EC95	1	Spare Key



12V Battery Isolator Switch

100 A continuous, 500 A for 5 seconds.
(Image shown NOT actual size).

Part No.	Qty	Description
EC92	1 Set	Switch & Key
EC93	5	Spare Keys

Littelfuse

LITTELFUSE ATOF® Standard Blade Fuses

Nylon housing.

Part No.	Pack of	Amperage
EFB1	50	1 A
EFB2	50	2 A
EFB3	50	3 A
EFB4	50	4 A
EFB5	50	5 A
EFB7.5	50	7.5 A
EFB10	50	10 A
EFB15	50	15 A
EFB20	50	20 A
EFB25	50	25 A
EFB30	50	30 A
EFB40	50	40 A

Assorted Box of LITTELFUSE ATOF® Standard Blade Fuses with Fuse Holders

Standard type blade fuse. Nylon housing.

Part No.	Box of
AB41N	120 Pieces

10 x Amperages: 2, 3, 5, 7.5, 10, 15, 20, 25, 30, 40 A.

'Max Box' Assortment of LITTELFUSE Blade Fuses & Holders

Nylon housing.

Part No.	Box of
AB503	321 Pieces

11 x ATOF® Standard Blade Fuses: 2, 3, 4, 5, 7.5, 10, 15, 20, 25, 30, 40 A.
10 x MINI® Blade Fuses: 2, 3, 4, 5, 7.5, 10, 15, 20, 25, 30 A.
1 x ATOF® Standard Blade Fuse Holders: 20 A.
1 x MINI® Blade Fuse Holders - Splash Proof: 20 A.
1 x Standard Blade Fuse Holders - Splash Proof: 20 A.

LED Standard Blade Fuses

RoHS. Voltage Rating: 12 or 24V.
Standard blade fuse style.

- LED on top of the fuse glows when it has blown.
- No more guesswork and testing of troublesome circuits.
- Instant identification of blown fuses - Saves time & effort.

Part No.	Pack of	Amperage
EFX203	25	3 A
EFX204	25	4 A

BEST SELLER

Standard Blade Fuses

Part No.	Pack of	Amperage
EFX3	50	3 A
EFX4	50	4 A
EFX5	50	5 A
EFX7.5	50	7.5 A
EFX10	50	10 A
EFX10K	1,000	10 A
EFX15	50	15 A
EFX15K	1,000	15 A
EFX20	50	20 A
EFX20K	1,000	20 A
EFX25	50	25 A
EFX30	50	30 A

Assorted Box of Standard Blade Fuses with Fuse Holders

Part No.	Box of
AB164	105 Pieces

9 x Standard Blade Fuses, Amperages: 3, 4, 5, 7.5, 10, 15, 20, 25, 30 A.
1 x Holder: White.

Standard Blade Fuse Circuit Breakers

RoHS. Voltage Rating: 28V DC.
Standard size blade fuse style.

- Manual trip/reset button on top of the fuse.

Part No.	Pack of	Amperage
EFX305	5	5 A
EFX307	5	7.5 A
EFX310	5	10 A
EFX315	5	15 A
EFX320	5	20 A
EFX325	5	25 A
EFX330	5	30 A

1:1 Actual Size Images

LITTELFUSE In-Line ATOF® Standard Blade Fuse Holders

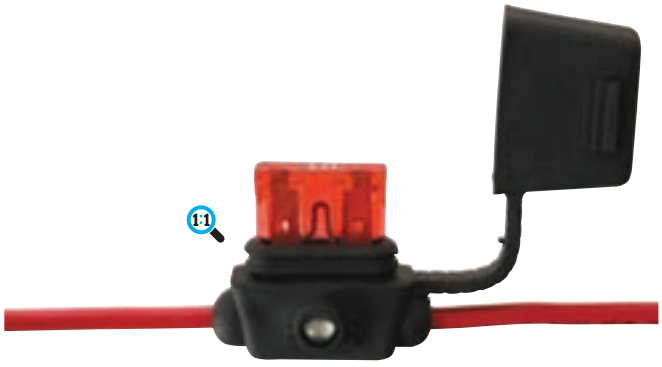
Part No.	Pack of		Amperage	Cable Size
EFH20	10	●	20 A	2 mm²
EFH30	10	●	30 A	3 mm²

In-Line Standard Blade Fuse Holders

Part No.	Pack of		Amperage	Cable Size
EFH150	10	●	20 A	2 mm²

LITTELFUSE In-Line ATOF® Standard Blade Fuse Holders - Splash Proof

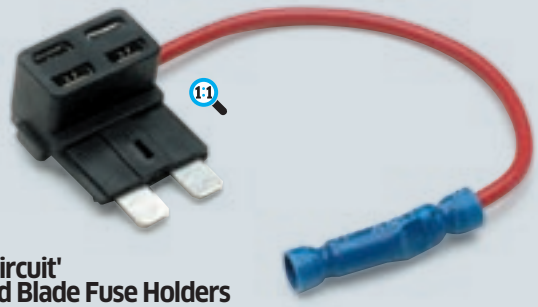
Part No.	Pack of		Amperage	Cable Size
EFH5	10	●	20 A	1.5 mm²
EFH530	10	●	30 A	3 mm²



LED In-Line Standard Blade Fuse Holders - Splash Proof

RoHS. Voltage Rating: 12 or 24 V. Fitted lid prevents water ingress.
For use with standard blade fuses.
• **Built-in LED glows when fuse has blown.**

Part No.	Pack of		Amperage	Cable Size
EFH220	10	●	20 A	2 mm²
EFH230	10	●	30 A	3 mm²



'Add A Circuit' Standard Blade Fuse Holders

Extension board for an additional fuse
protected tap from an existing standard type blade fuse socket.
The two fuses for the existing and the new circuit are stored horizontally.

Part No.	Qty	Description
EFH50	10	'Add A Circuit' Fuse Holder

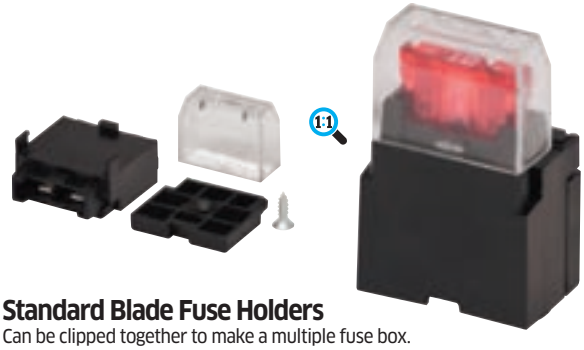
Standard Blade Fuse Holders

Part No.	Pack of	Colour
EFH6	10	White

LITTELFUSE Blade Fuse Extractor & Tester

For testing ATOF® (standard type),
MINI® & Low Profile MINI® blade fuses.

Part No.	Pack of	Description
EFBX	3	Extractor/Testers



Standard Blade Fuse Holders

Can be clipped together to make a multiple fuse box.

Part No.	Pack of	Description
EFH8	10	Fuse Holders
EFH9	10	Clear Covers
EFH10	10	Fixing Plates

Littelfuse

LITTELFUSE Low Profile MINI® Blade Fuses

Also known as 'Micro' fuses. Nylon housing.

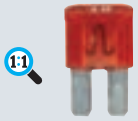
Part No.	Pack of		Amperage
EFL105	25		5 A
EFL107	25		7.5 A
EFL110	25		10 A
EFL115	25		15 A
EFL120	25		20 A
EFL125	25		25 A
EFL130	25		30 A

Assorted Box of LITTELFUSE Low Profile MINI® Blade Fuses

Part No.	Box of
AB175N	75 Pieces

7 x Amperages: 5, 7.5, 10, 15, 20, 25, 30 A.

Littelfuse



LITTELFUSE MICRO2™ Blade Fuses

32 V. Nylon housing.

Part No.	Pack of		Amperage
EFBM25	25		5 A
EFBM27.5	25		7.5 A
EFBM210	25		10 A
EFBM215	25		15 A
EFBM220	25		20 A
EFBM225	25		25 A
EFBM230	25		30 A

Assorted Box of LITTELFUSE MICRO2™ Blade Fuses

32 V. Nylon housing.

Part No.	Box of
AB179	175 Pieces

7 x Amperages: 5, 7.5, 10, 15, 20, 25, 30 A.

1:1 Actual Size Images

Mini Blade Fuses

Part No.	Pack of		Amperage
EFX102	50		2 A
EFX103	50		3 A
EFX104	50		4 A
EFX105	50		5 A
EFX107	50		7.5 A
EFX110	50		10 A
EFX110K	1,000		10 A
EFX115	50		15 A
EFX115K	1,000		15 A
EFX120	50		20 A
EFX120K	1,000		20 A
EFX125	50		25 A
EFX130	50		30 A

Assorted Box of Mini Blade Fuses

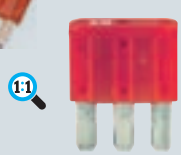
Part No.	Box of
AB165N	200 Pieces

10 x Amperages: 2, 3, 4, 5, 7.5, 10, 15, 20, 25, 30 A.

In-Line Mini Blade Fuse Holders - Splash Proof

Part No.	Pack of		Amps	Cable Size
EFH140	10	●	20 A	2 mm²

Littelfuse



LITTELFUSE MICRO3™ Blade Fuses

32 V. Nylon housing.

Part No.	Pack of		Amperage
EFBM35	25		5 A
EFBM37.5	25		7.5 A
EFBM310	25		10 A
EFBM315	25		15 A

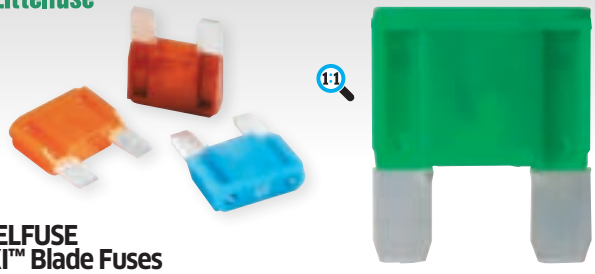
Littelfuse

LITTELFUSE MINI® Blade Fuses

Nylon housing.

Part No.	Pack of	Amperage
EFB102	25	2 A
EFB103	25	3 A
EFB104	25	4 A
EFB105	25	5 A
EFB107	25	7.5 A
EFB110	25	10 A
EFB115	25	15 A
EFB120	25	20 A
EFB125	25	25 A
EFB130	25	30 A

Littelfuse



LITTELFUSE MAXI™ Blade Fuses

Nylon housing.

Part No.	Pack of	Amperage
EFB220	10	20 A
EFB230	10	30 A
EFB240	10	40 A
EFB250	10	50 A
EFB260	10	60 A
EFB270	10	70 A
EFB280	10	80 A

Assorted Box of LITTELFUSE MINI® Blade Fuses

Nylon housing.

Part No.	Box of
AB118	100 Pieces

10 x Amperages: 2, 3, 4, 5, 7.5, 10, 15, 20, 25, 30 A.

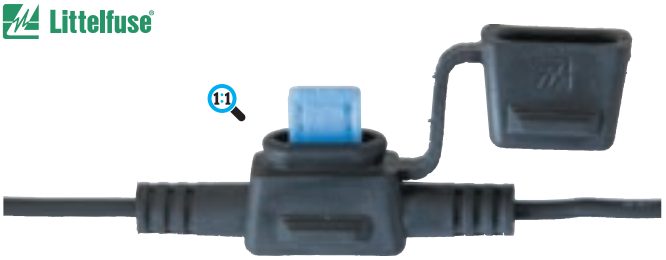
Assorted Box of LITTELFUSE MAXI™ Blade Fuses

Nylon housing.

Part No.	Box of
AB176	29 Pieces

7 x Amperages: 20, 30, 40, 50, 60, 70, 80 A.

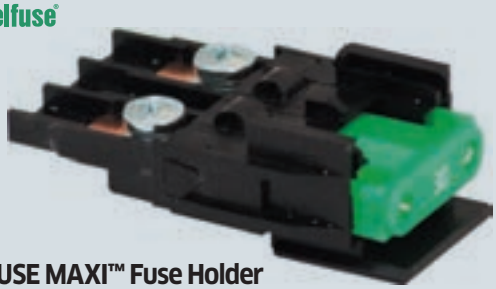
Littelfuse



LITTELFUSE In-Line MINI® Blade Fuse Holders - Splash Proof

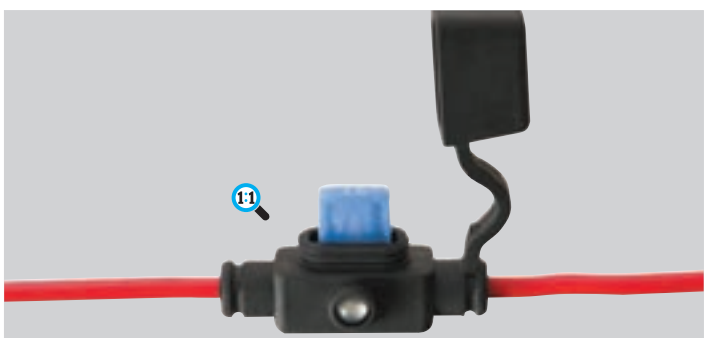
Part No.	Pack of	Amperage	Cable Size
EFH4	10	20 A	2.1 mm²
EFH430	10	30 A	3.3 mm²

Littelfuse



LITTELFUSE MAXI™ Fuse Holder

Part No.	Qty	Description
EFH7	1	Fuse Holder



LED in-Line Mini Blade Fuse Holders - Splash Proof

RoHS. Voltage Rating: 12 or 24 V.
Fitted lid prevents water ingress. For use with mini blade fuses.

- **Built-in LED glows when fuse has blown.**

Part No.	Pack of	Amperage	Cable Size
EFH120	10	20 A	2 mm²
EFH130	10	30 A	3 mm²

Littelfuse

LITTELFUSE MAXI™ Fuse Holder - Splash Proof

80 amp. For Cable size 4-6 mm².

Part No.	Qty	Description
EFH84	1	Fuse Holder

Littelfuse

LITTELFUSE JCASE® Cartridge Fuses

Standard type.

Part No.	Pack of	Amperage
EFJ20	10	20 A
EFJ30	10	30 A
EFJ40	10	40 A
EFJ50	10	50 A
EFJ60	10	60 A

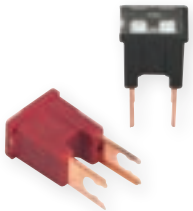
Littelfuse

LITTELFUSE Low Profile JCASE® Cartridge Fuses

Standard type.

Part No.	Pack of	Amperage
EFJ120	10	20 A
EFJ130	10	30 A
EFJ140	10	40 A
EFJ150	10	50 A
EFJ160	10	60 A

Littelfuse



LITTELFUSE PAL Auto Fuses - Type 294

Part No.	Pack of	Amperage
EFA150	10	50 A
EFA180	10	80 A

Torpedo Fuses

Torpedo (Ceramic Type/Continental) Fuses to DIN 72581/1.

Part No.	Pack of	Amperage	Colour
EFC5	100	5 A	Yellow
EFC8	100	8 A	White
EFC16	100	16 A	Red
EFC25	100	25 A	Blue

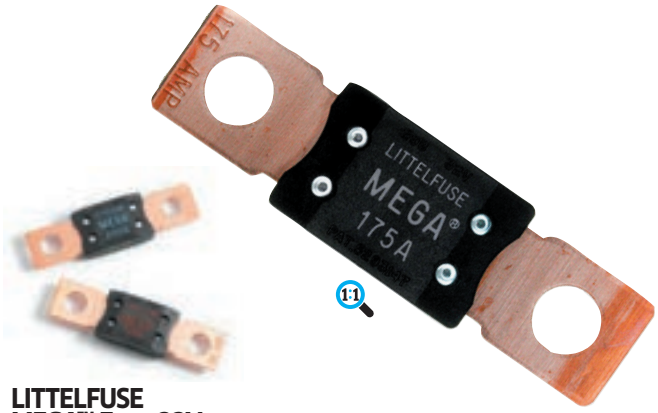
Assorted Box of Glass & Torpedo Fuses

Torpedo (Ceramic Type/Continental) Fuses to DIN 72581/1.

Part No.	Box of
AB194	350 Pieces

8 x Glass Fuses: 2, 5, 10, 15, 20, 25, 35, 50 A.
4 x Torpedo (Ceramic Type/Continental): 5, 8, 16, 25 A.

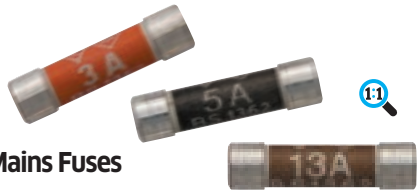
Littelfuse



LITTELFUSE MEGA™ Fuse 32V

Bolt-down fuses. Voltage Rating: 32 VDC. Complies to ISO 8820-5

Part No.	Pack of	Amperage
EFM150	10	150 A
EFM175	10	175 A
EFM250	10	250 A
EFM500	10	500 A

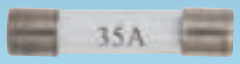


Domestic Mains Fuses

BS 1362.

Part No.	Pack of	Amperage
EFD3	50	3 A
EFD5	50	5 A
EFD13	50	13 A

1:1 Actual Size Images



Glass Fuses

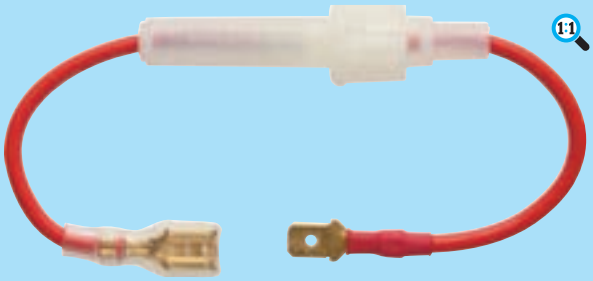
Part No.	Pack of	Amperage	Length
EFG2	100	2 A	30 mm
EFG5	100	5 A	30 mm
EFG10	100	10 A	30 mm
EFG15	100	15 A	30 mm
EFG20	100	20 A	30 mm
EFG25	100	25 A	30 mm
EFG35	100	35 A	30 mm
EFG50	100	50 A	30 mm

Assorted Box of Glass & Torpedo Fuses

Torpedo (Ceramic Type/Continental) Fuses to DIN 72581/1.

Part No.	Box of
AB194	350 Pieces

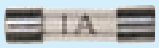
8 x Glass Fuses: 2, 5, 10, 15, 20, 25, 35, 50 A.
4 x Torpedo (Ceramic Type/Continental): 5, 8, 16, 25 A.



Glass Fuse Holders

In-line type with insulated connectors.

Part No.	Pack of	Amperage	Cable Size
EFH1	10	8 A	1 mm²
EFH11	10	17 A	2 mm²



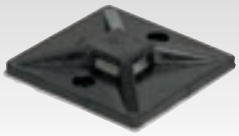
Mini Glass Fuses

Radio type.

Part No.	Pack of	Amperage	Length
EFG101	50	1 A	25 mm
EFG102	50	2 A	25 mm

Looking for a new plug?

A range of plugs and trailing sockets are on Page 70



Cable Tie Bases - Plastic

Self-adhesive with 2 screw holes.

Part No.	Pack of	For Tie Width	Colour	Base Size
EAC9BK	50	3.5 mm	Black	19 mm x 19 mm
EAC4BK	50	4.8 mm	Black	28 mm x 28 mm

Cable Tie Bases - Plastic

Self-adhesive with 2 screw holes.

Part No.	Pack of	For Tie Width	Colour	Base Size
EAC9	50	3.5 mm	White	19 mm x 19 mm
EAC4	50	4.8 mm	White	28 mm x 28 mm

Cable Tie Cradles

Polyamide. Operating Temperature: -40 to 85°C.

Part No.	Qty	Max Tie Width	Colour	Screw Size
EMC5BK	100	5 mm	Black	M3
EMC9BK	100	9 mm	Black	M5

Cable Tie Cradles

Polyamide. Operating Temperature: -40 to 85°C.

Part No.	Qty	Max Tie Width	Colour	Screw Size
EMC5	100	5 mm	White	M3
EMC9	100	9 mm	White	M5

Assorted Box of Cable Tie Bases & Cradle Mounts

Bases: Self adhesive with 2 screw holes.
Cradle Mounts: Polyamide.
Operating Temperature: -40 to 85°C.

Part No.	Box of
AB178N	120 Pieces

4 x Cradle Mounts; Sizes (Colour): 5, 9 mm (Black), 5, 9 mm (White)
4 x Cable Tie Bases, Sizes (Colour): 3.5, 4.8 mm (Black), 3.5, 4.8 mm (White)

Cable Clips - Plastic

Self-adhesive.

Part No.	Pack of	For Ø Up To	Colour	Base Size
EAC1	50	5 mm	White	19 mm x 19 mm
EAC2	50	8 mm	White	25 mm x 25 mm
EAC3	50	14 mm	White	33 mm x 28 mm

Assorted Pack of Cable Clips - Plastic

Self-adhesive.

Part No.	Pack of
AP5	50 Pieces

3 x Sizes (for Ø Up To): 5, 8 and 14 mm.

ACE W1 Rubber Lined P-Clips

Zinc plated band. EPDM rubber. Double metal thickness at screw hole. DIN 3016.

Part No.	Pack of	Size	Band Width
ACE1769	50	5 mm	12 mm
ACE1770	50	6 mm	12 mm
ACE1771	50	8 mm	12 mm
ACE1772	50	10 mm	12 mm
ACE1774	50	13 mm	12 mm
ACE1776	50	16 mm	12 mm
ACE1779	50	21 mm	12 mm
ACE1782	50	25 mm	12 mm
ACE1785	50	29 mm	12 mm
ACE1789	50	35 mm	12 mm

JCS Rubber Lined P-Clips

Hole Dia 6 mm. Mild steel, zinc plated.
EPDM rubber lined to prevent chafing caused by vibration.

Part No.	Pack of	Size
EAC105	50	5 mm
EAC106	50	6 mm
EAC108	50	8 mm
EAC110	50	10 mm
EAC113	50	13 mm
EAC116	50	16 mm
EAC121	50	21 mm
EAC125	50	25 mm
EAC129	50	29 mm
EAC135	50	35 mm
EAC138	50	38 mm
EAC144	25	44 mm
EAC148	25	48 mm
EAC152	25	52 mm
EAC160	25	60 mm

Assorted Pack of JCS Rubber Lined P-Clips

Part No.	Pack of
EAC100	60 Pieces

5 x Sizes: 6, 21, 29, 35 mm. 10 x Sizes: 8, 10, 13, 16 mm.

Ace

New Range of
ACE Hose Clamps
Available Now

Turn to page 206 for more information

P-Clips

Nylon. Black.

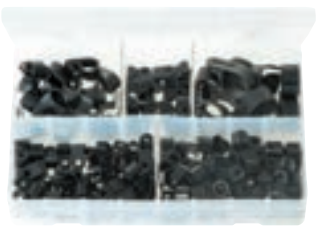
Part No.	Pack of	For Cable Ø
EAC405	100	4.8 mm
EAC406	100	6.0 mm
EAC409	100	9.0 mm
EAC412	100	12.0 mm
EAC419	50	19.1 mm

Assorted Box of P-Clips

Nylon. Black.

Part No.	Box of
AB193	160 Pieces

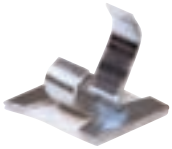
5 x Sizes (for Cable Ø): 4.8, 6.0, 9.0, 12.0, 19.1 mm.



Cable Clips - Metal

Permanent self-adhesive.
Galvanised mild steel, white acrylic coated.

Part No.	Pack of	Size	for Cable Ø
EAC26	100	**Medium**	8 mm
EAC27	25	**Large**	12 mm



Cable Clips - Metal

Self-adhesive.

Part No.	Pack of	Diameter
EAC6	50	**9.5 mm**

Chassis Clips - Steel

Part No.	Pack of	Cable Grip	Length
EAC13	50	**6 mm**	40 mm

Cable Gland - Metric

DIN EN 50262/VDE 0619.
Body material Polyamide 6 with neoprene seal. IP68 rating.
Temp range: -30°C to 80°C. Locking nut included.

Part No.	Qty	Size	Cable Range
ECG16	10	**M16**	5 - 10 mm
ECG20	10	**M20**	10 - 14 mm
ECG25	10	**M25**	13 - 18 mm
ECG32	2	**M32**	18 - 25 mm
ECG40	2	**M40**	22 - 32 mm
ECG50	1	**M50**	30 - 38 mm

Cable Gland - PG

DIN EN 50262/VDE 0619. Body material Polyamide 6 with neoprene seal.
IP68 rating. Temp range: -30°C to 80°C. Locking nut included.

Part No.	Qty	Size	Cable Range
EPG36	1	**PG36**	22 - 32 mm
EPG42	1	**PG42**	30 - 38 mm

Conduit - Split

Nylon.

Part No.	Length	Size	I.D. x O.D.
ECS10	10 m	**10 mm**	6.9 x 9.9 mm
ECS11	10 m	**16 mm**	11.5 x 15.5 mm
ECS16	10 m	**21 mm**	16.5 x 20.7 mm
ECS19	10 m	**24 mm**	19.5 x 23.5 mm
ECS31	25 m	**10 mm**	6.5 x 10.0 mm
ECS33	25 m	**21 mm**	16.9 x 21.2 mm
ECS34	25 m	**26 mm**	21.3 x 25.6 mm

Conduit - Unsplit

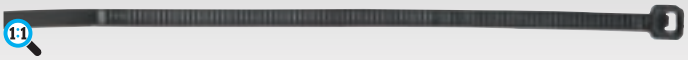
Nylon.

Part No.	Length	Size	I.D. x O.D.
ECS41	25 m	**10 mm**	6.5 x 10.0 mm
ECS42	25 m	**16 mm**	11.8 x 16.0 mm
ECS43	25 m	**21 mm**	16.9 x 21.2 mm
ECS44	25 m	**26 mm**	21.3 x 25.6 mm

Spiral Binding - Black

Polythene.

Part No.	Length	Band Width	Range
ECS29	10 m	**9 mm**	9 - 65 mm



Cable Ties - Black

Standard type. Manufactured from Nylon 6.6.

Part No.	Pack of	Length x Width
ECT210	100	100 mm x 2.5 mm
ECT210/5	5 x 100	100 mm x 2.5 mm
ECT210/10	10 x 100	100 mm x 2.5 mm
ECT210/55K	550 x 100	100 mm x 2.5 mm
ECT216	100	160 mm x 2.5 mm
ECT216/5	5 x 100	160 mm x 2.5 mm
ECT216/10	10 x 100	160 mm x 2.5 mm
ECT216/40K	400 x 100	160 mm x 2.5 mm
ECT220	100	200 mm x 2.5 mm
ECT220/5	5 x 100	200 mm x 2.5 mm
ECT220/10	10 x 100	200 mm x 2.5 mm
ECT220/30K	300 x 100	200 mm x 2.5 mm

Part No.	Pack of	Length x Width
ECT314	100	140 mm x 3.6 mm
ECT314/5	5 x 100	140 mm x 3.6 mm
ECT314/10	10 x 100	140 mm x 3.6 mm
ECT314/30K	300 x 100	140 mm x 3.6 mm
ECT320	100	200 mm x 3.6 mm
ECT320/5	5 x 100	200 mm x 3.6 mm
ECT320/10	10 x 100	200 mm x 3.6 mm
ECT320/20K	200 x 100	200 mm x 3.6 mm
ECT330	100	300 mm x 3.6 mm
ECT330/5	5 x 100	300 mm x 3.6 mm
ECT330/10	10 x 100	300 mm x 3.6 mm
ECT330/17K	170 x 100	300 mm x 3.6 mm

Part No.	Pack of	Length x Width
ECT416	100	160 mm x 4.8 mm
ECT416/5	5 x 100	160 mm x 4.8 mm
ECT416/10	10 x 100	160 mm x 4.8 mm
ECT416/16K	160 x 100	160 mm x 4.8 mm
ECT420	100	200 mm x 4.8 mm
ECT420/5	5 x 100	200 mm x 4.8 mm
ECT420/10	10 x 100	200 mm x 4.8 mm
ECT420/15K	150 x 100	200 mm x 4.8 mm
ECT425	100	250 mm x 4.8 mm
ECT425/5	5 x 100	250 mm x 4.8 mm
ECT425/10	10 x 100	250 mm x 4.8 mm
ECT425/12K	120 x 100	250 mm x 4.8 mm
ECT430	100	300 mm x 4.8 mm
ECT430/5	5 x 100	300 mm x 4.8 mm
ECT430/10	10 x 100	300 mm x 4.8 mm
ECT430/11K	110 x 100	300 mm x 4.8 mm
ECT437	100	370 mm x 4.8 mm
ECT437/5	5 x 100	370 mm x 4.8 mm
ECT437/10	10 x 100	370 mm x 4.8 mm
ECT437/9K	90 x 100	370 mm x 4.8 mm
ECT439	100	390 mm x 4.8 mm
ECT439/5	5 x 100	390 mm x 4.8 mm
ECT439/10	10 x 100	390 mm x 4.8 mm
ECT439/85	85 x 100	390 mm x 4.8 mm
ECT443	100	430 mm x 4.8 mm
ECT443/5	5 x 100	430 mm x 4.8 mm
ECT443/10	10 x 100	430 mm x 4.8 mm
ECT443/75	75 x 100	430 mm x 4.8 mm

Part No.	Pack of	Length x Width
ECT720	100	200 mm x 8.0 mm
ECT720/5	5 x 100	200 mm x 8.0 mm
ECT720/10	10 x 100	200 mm x 8.0 mm
ECT720/7K	70 x 100	200 mm x 8.0 mm
ECT730	100	300 mm x 8.0 mm
ECT730/5	5 x 100	300 mm x 8.0 mm
ECT730/10	10 x 100	300 mm x 8.0 mm
ECT730/5K	50 x 100	300 mm x 8.0 mm
ECT737	100	370 mm x 8.0 mm
ECT737/5	5 x 100	370 mm x 8.0 mm
ECT737/10	10 x 100	370 mm x 8.0 mm
ECT737/4K	40 x 100	370 mm x 8.0 mm
ECT745	100	450 mm x 8.0 mm
ECT745/5	5 x 100	450 mm x 8.0 mm
ECT745/10	10 x 100	450 mm x 8.0 mm
ECT745/25	25 x 100	450 mm x 8.0 mm
ECT754	100	540 mm x 8.0 mm
ECT754/5	5 x 100	540 mm x 8.0 mm
ECT754/10	10 x 100	540 mm x 8.0 mm
ECT754/2K	20 x 100	540 mm x 8.0 mm

Part No.	Pack of	Length x Width
ECT943	100	430 mm x 9.0 mm
ECT943/5	5 x 100	430 mm x 9.0 mm
ECT943/10	10 x 100	430 mm x 9.0 mm
ECT943/25	25 x 100	430 mm x 9.0 mm
ECT953	100	530 mm x 9.0 mm
ECT953/5	5 x 100	530 mm x 9.0 mm
ECT953/10	10 x 100	530 mm x 9.0 mm
ECT953/2K	20 x 100	530 mm x 9.0 mm
ECT971	100	710 mm x 9.0 mm
ECT971/5	5 x 100	710 mm x 9.0 mm
ECT971/10	10 x 100	710 mm x 9.0 mm
ECT971/2K	20 x 100	710 mm x 9.0 mm
ECT978	100	780 mm x 9.0 mm
ECT978/5	5 x 100	780 mm x 9.0 mm
ECT978/10	10 x 100	780 mm x 9.0 mm
ECT978/2K	20 x 100	780 mm x 9.0 mm
ECT9102	100	1020 mm x 9.0 mm
ECT9102/5	5 x 100	1020 mm x 9.0 mm
ECT9102/1K	10 x 100	1020 mm x 9.0 mm

Part No.	Pack of	Length x Width
ECT1258	100	580 mm x 12.7 mm
ECT1258/5	5 x 100	580 mm x 12.7 mm
ECT1258/12	12 x 100	580 mm x 12.7 mm
ECT12103	100	1030 mm x 12.7 mm
ECT12103/6	6 x 100	1030 mm x 12.7 mm

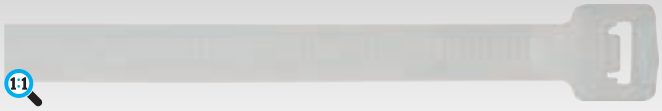
Cable Ties - Natural

Standard type. Manufactured from Nylon 6.6.

Part No.	Pack of	Length x Width
ECTW210	100	100 mm x 2.5 mm
ECTW210/5	5 x 100	100 mm x 2.5 mm
ECTW210/10	10 x 100	100 mm x 2.5 mm
ECTW210/55K	550 x 100	100 mm x 2.5 mm
ECTW216	100	160 mm x 2.5 mm
ECTW216/5	5 x 100	160 mm x 2.5 mm
ECTW216/10	10 x 100	160 mm x 2.5 mm
ECTW216/40K	400 x 100	160 mm x 2.5 mm
ECTW220	100	200 mm x 2.5 mm
ECTW220/5	5 x 100	200 mm x 2.5 mm
ECTW220/10	10 x 100	200 mm x 2.5 mm
ECTW220/30K	300 x 100	200 mm x 2.5 mm

Part No.	Pack of	Length x Width
ECTW314	100	140 mm x 3.6 mm
ECTW314/5	5 x 100	140 mm x 3.6 mm
ECTW314/10	10 x 100	140 mm x 3.6 mm
ECTW314/30K	300 x 100	140 mm x 3.6 mm
ECTW320	100	200 mm x 3.6 mm
ECTW320/5	5 x 100	200 mm x 3.6 mm
ECTW320/10	10 x 100	200 mm x 3.6 mm
ECTW320/20K	200 x 100	200 mm x 3.6 mm
ECTW330	100	300 mm x 3.6 mm
ECTW330/5	5 x 100	300 mm x 3.6 mm
ECTW330/10	10 x 100	300 mm x 3.6 mm
ECTW330/17K	170 x 100	300 mm x 3.6 mm

Part No.	Pack of	Length x Width
ECTW416	100	160 mm x 4.8 mm
ECTW416/5	5 x 100	160 mm x 4.8 mm
ECTW416/10	10 x 100	160 mm x 4.8 mm
ECTW416/16K	160 x 100	160 mm x 4.8 mm
ECTW420	100	200 mm x 4.8 mm
ECTW420/5	5 x 100	200 mm x 4.8 mm
ECTW420/10	10 x 100	200 mm x 4.8 mm
ECTW420/15K	150 x 100	200 mm x 4.8 mm
ECTW425	100	250 mm x 4.8 mm
ECTW425/5	5 x 100	250 mm x 4.8 mm
ECTW425/10	10 x 100	250 mm x 4.8 mm
ECTW425/12K	120 x 100	250 mm x 4.8 mm
ECTW430	100	300 mm x 4.8 mm
ECTW430/5	5 x 100	300 mm x 4.8 mm
ECTW430/10	10 x 100	300 mm x 4.8 mm
ECTW430/11K	110 x 100	300 mm x 4.8 mm
ECTW437	100	370 mm x 4.8 mm
ECTW437/5	5 x 100	370 mm x 4.8 mm
ECTW437/10	10 x 100	370 mm x 4.8 mm
ECTW437/9K	90 x 100	370 mm x 4.8 mm
ECTW439	100	390 mm x 4.8 mm
ECTW439/5	5 x 100	390 mm x 4.8 mm
ECTW439/10	10 x 100	390 mm x 4.8 mm
ECTW439/85	85 x 100	390 mm x 4.8 mm
ECTW443	100	430 mm x 4.8 mm
ECTW443/5	5 x 100	430 mm x 4.8 mm
ECTW443/10	10 x 100	430 mm x 4.8 mm
ECTW443/75	75 x 100	430 mm x 4.8 mm



Part No.	Pack of	Length x Width
ECTW720	100	200 mm x 8.0 mm
ECTW720/5	5 x 100	200 mm x 8.0 mm
ECTW720/10	10 x 100	200 mm x 8.0 mm
ECTW720/7K	70 x 100	200 mm x 8.0 mm
ECTW730	100	300 mm x 8.0 mm
ECTW730/5	5 x 100	300 mm x 8.0 mm
ECTW730/10	10 x 100	300 mm x 8.0 mm
ECTW730/5K	50 x 100	300 mm x 8.0 mm
ECTW737	100	370 mm x 8.0 mm
ECTW737/5	5 x 100	370 mm x 8.0 mm
ECTW737/10	10 x 100	370 mm x 8.0 mm
ECTW737/4K	40 x 100	370 mm x 8.0 mm
ECTW745	100	450 mm x 8.0 mm
ECTW745/5	5 x 100	450 mm x 8.0 mm
ECTW745/10	10 x 100	450 mm x 8.0 mm
ECTW745/25	25 x 100	450 mm x 8.0 mm
ECTW754	100	540 mm x 8.0 mm
ECTW754/5	5 x 100	540 mm x 8.0 mm
ECTW754/10	10 x 100	540 mm x 8.0 mm
ECTW754/2K	20 x 100	540 mm x 8.0 mm

Part No.	Pack of	Length x Width
ECTW943	100	430 mm x 9.0 mm
ECTW943/5	5 x 100	430 mm x 9.0 mm
ECTW943/10	10 x 100	430 mm x 9.0 mm
ECTW943/25	25 x 100	430 mm x 9.0 mm
ECTW953	100	530 mm x 9.0 mm
ECTW953/5	5 x 100	530 mm x 9.0 mm
ECTW953/10	10 x 100	530 mm x 9.0 mm
ECTW953/2K	20 x 100	530 mm x 9.0 mm
ECTW971	100	710 mm x 9.0 mm
ECTW971/5	5 x 100	710 mm x 9.0 mm
ECTW971/10	10 x 100	710 mm x 9.0 mm
ECTW971/2K	20 x 100	710 mm x 9.0 mm
ECTW978	100	780 mm x 9.0 mm
ECTW978/5	5 x 100	780 mm x 9.0 mm
ECTW978/10	10 x 100	780 mm x 9.0 mm
ECTW978/2K	20 x 100	780 mm x 9.0 mm
ECTW9102	100	1020 mm x 9.0 mm
ECTW9102/5	5 x 100	1020 mm x 9.0 mm
ECTW9102/1K	10 x 100	1020 mm x 9.0 mm

Part No.	Pack of	Length x Width
ECTW1258	100	580 mm x 12.7 mm
ECTW1258/5	5 x 100	580 mm x 12.7 mm
ECTW1258/12	12 x 100	580 mm x 12.7 mm
ECTW12103	100	1030 mm x 12.7 mm
ECTW12103/6	6 x 100	1030 mm x 12.7 mm

Cable Ties - Silver/Grey

Standard type. Manufactured from Nylon 6.6.

Part No.	Pack of	Length x Width
ECTG420	100	200 mm x 4.8 mm
ECTG420/5	5 x 100	200 mm x 4.8 mm
ECTG420/10	10 x 100	200 mm x 4.8 mm
ECTG420/15K	150 x 100	200 mm x 4.8 mm
ECTG430	100	300 mm x 4.8 mm
ECTG430/5	5 x 100	300 mm x 4.8 mm
ECTG430/10	10 x 100	300 mm x 4.8 mm
ECTG430/11K	110 x 100	300 mm x 4.8 mm
ECTG437	100	370 mm x 4.8 mm
ECTG437/5	5 x 100	370 mm x 4.8 mm
ECTG437/10	10 x 100	370 mm x 4.8 mm
ECTG437/9K	90 x 100	370 mm x 4.8 mm

Cable Ties - Green

Standard type. Manufactured from Nylon 6.6.

Part No.	Pack of	Length x Width
ECT420GR	100	200 mm x 4.8 mm
ECT420GR/5	5 x 100	200 mm x 4.8 mm
ECT420GR/10	10 x 100	200 mm x 4.8 mm
ECT420GR/15K	150 x 100	200 mm x 4.8 mm
ECT430GR	100	300 mm x 4.8 mm
ECT430GR/5	5 x 100	300 mm x 4.8 mm
ECT430GR/10	10 x 100	300 mm x 4.8 mm
ECT430GR/11K	110 x 100	300 mm x 4.8 mm
ECT437GR	100	370 mm x 4.8 mm
ECT437GR/5	5 x 100	370 mm x 4.8 mm
ECT437GR/10	10 x 100	370 mm x 4.8 mm
ECT437GR/9K	90 x 100	370 mm x 4.8 mm

Cable Ties - Blue

Standard type. Manufactured from Nylon 6.6.

Part No.	Pack of	Length x Width
ECT420BU	100	200 mm x 4.8 mm
ECT420BU/5	5 x 100	200 mm x 4.8 mm
ECT420BU/10	10 x 100	200 mm x 4.8 mm
ECT420BU/15K	150 x 100	200 mm x 4.8 mm
ECT430BU	100	300 mm x 4.8 mm
ECT430BU/5	5 x 100	300 mm x 4.8 mm
ECT430BU/10	10 x 100	300 mm x 4.8 mm
ECT430BU/11K	110 x 100	300 mm x 4.8 mm
ECT437BU	100	370 mm x 4.8 mm
ECT437BU/5	5 x 100	370 mm x 4.8 mm
ECT437BU/10	10 x 100	370 mm x 4.8 mm
ECT437BU/9K	90 x 100	370 mm x 4.8 mm

Cable Ties - Yellow

Standard type. Manufactured from Nylon 6.6.

Part No.	Pack of	Length x Width
ECT420YE	100	200 mm x 4.8 mm
ECT420YE/5	5 x 100	200 mm x 4.8 mm
ECT420YE/10	10 x 100	200 mm x 4.8 mm
ECT420YE/15K	150 x 100	200 mm x 4.8 mm
ECT430YE	100	300 mm x 4.8 mm
ECT430YE/5	5 x 100	300 mm x 4.8 mm
ECT430YE/10	10 x 100	300 mm x 4.8 mm
ECT430YE/11K	110 x 100	300 mm x 4.8 mm
ECT437YE	100	370 mm x 4.8 mm
ECT437YE/5	5 x 100	370 mm x 4.8 mm
ECT437YE/10	10 x 100	370 mm x 4.8 mm
ECT437YE/9K	90 x 100	370 mm x 4.8 mm

Cable Ties - Red

Standard type. Manufactured from Nylon 6.6.

Part No.	Pack of	Length x Width
ECT420RE	100	200 mm x 4.8 mm
ECT420RE/5	5 x 100	200 mm x 4.8 mm
ECT420RE/10	10 x 100	200 mm x 4.8 mm
ECT420RE/15K	150 x 100	200 mm x 4.8 mm
ECT430RE	100	300 mm x 4.8 mm
ECT430RE/5	5 x 100	300 mm x 4.8 mm
ECT430RE/10	10 x 100	300 mm x 4.8 mm
ECT430RE/11K	110 x 100	300 mm x 4.8 mm
ECT437RE	100	370 mm x 4.8 mm
ECT437RE/5	5 x 100	370 mm x 4.8 mm
ECT437RE/10	10 x 100	370 mm x 4.8 mm
ECT437RE/9K	90 x 100	370 mm x 4.8 mm

Metal Cable Ties - Rollerball

Stainless Steel 316.

Part No.	Pack of	Length x Width
ECT107	50	362 x 4.6 mm
ECT108	50	521 x 4.6 mm

Assorted Pack of Cable Ties - Coloured

Standard type. Manufactured from Nylon 6.6.

Part No.	Pack of	Length x Width
AP41	200	200 x 4.8 mm

Colours: Red, Blue, Green, Yellow

Heavy Duty Cable Tie Tensioning Tool

Rigid metal construction.
For tie widths: 2.2 - 4.8 mm.
Suitable for nylon cable ties ONLY.

- **Automatic cut-off action.**

Part No.	Qty	Description
TL932	1	Cable Tie Tool

Looking for CV Boot Clamps?

Turn to page 260

HellermannTyton

HELLERMANN TYTON
Cable Ties - Black

Standard type.

Part No.	Pack of	Length x Width	Mfr Ref.
ECT1N	100	100 x 2.5 mm	T18R
ECT5N	200	120 x 4.8 mm	LK2
ECT35	100	150 x 3.5 mm	T30R
ECT2	100	200 x 4.6 mm	T50R
ECT2D	500	200 x 4.6 mm	T50R
ECT3	100	270 x 4.8 mm	LK2A
ECT6	100	300 x 7.6 mm	T120I
ECT7	100	390 x 4.6 mm	T50L
ECT7D	500	390 x 4.6 mm	T50L
ECT4	100	390 x 7.6 mm	T120R
ECT9	100	465 x 7.6 mm	T120M
ECT8	50	540 x 13.0 mm	LK5
ECT10	50	760 x 7.6 mm	120L

HellermannTyton

HELLERMANN TYTON
Metal Content Ties

Dark blue nylon. Metal content dispersed throughout the head and strap ensures identification by metal detectors and X-ray machines.

Part No.	Pack of	Length x Width
ECT38	100	150 x 3.5 mm
ECT39	100	200 x 4.6 mm
ECT40	100	390 x 4.6 mm
ECT41	100	380 x 7.6 mm

HellermannTyton

HELLERMANN TYTON
Cable Ties - Mounting Head Type - Black

Part No.	Pack of	Length x Width	Mfr Ref.
ECT21	100	215 x 4.6 mm	T50MR
ECT22	100	400 x 7.6 mm	T120MR

HellermannTyton

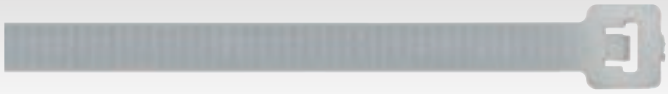
HELLERMANN TYTON
Releasable Chassis Cable Ties - Black

Serrated both sides.

- **Ideal for truck frames.**

Part No.	Pack of	Length x Width	Mfr Ref.
ECT26	50	300 x 6.0 mm	DE863220

HellermannTyton



HELLERMANN TYTON
Cable Ties - Natural (White)

Standard type.

Part No.	Pack of	Length x Width	Mfr Ref.
ECTW1N	100	100 x 2.5 mm	T18R
ECTW35	100	150 x 3.5 mm	T30R
ECTW2	100	200 x 4.6 mm	T50R
ECTW3	100	270 x 4.8 mm	LK2A
ECTW6	100	300 x 7.6 mm	T120I
ECTW7	100	390 x 4.6 mm	T50L
ECTW4	100	390 x 7.6 mm	T120R
ECTW9	100	465 x 7.6 mm	T120M
ECTW8	50	540 x 13.0 mm	LK5

HellermannTyton

HELLERMANN TYTON
Cable Ties - Releasable - Black

Part No.	Pack of	Length x Width	Mfr Ref.
ECT20	100	250 x 7.5 mm	REL250

HellermannTyton

HELLERMANN TYTON
Cable Ties - Releasable - Black

Fir-tree base (Mounting Hole: 6.3 - 7.0 mm, Maximum Panel Thickness: 7.0 mm).

Part No.	Pack of	Width x Length	Mfr Ref.
ECT25	100	5.0 x 170 mm	REL30SDP6

HellermannTyton

HELLERMANN TYTON
Cable Ties - Releasable - Black

Panel fixing type.

Part No.	Pack of	Width x Length	Mfr Ref.
ECT23	100	4.6 x 215 mm	RT50R/SF

White Panel Fixing Cable Ties

Part No.	Pack of	Tie W x L
FIX859	20	4.5 x 200 mm

RG TOOLS

RG TOOLS DT/DTM Crimping Tool

Crimping tool for male and female DT/DTM terminals.

- Soft grip ergonomic handles
- 4-way jaw action offers a professional crimp on the terminal
- For cable diameter: 0.5 mm² - 1.5 mm²

Part No.	Qty	Description
RG10333	1	DT/DTM Crimping Tool

RG TOOLS

RG TOOLS Ratchet Crimper

Ratchet crimper for use with red, blue and yellow pre-insulated terminals. Cushioned handle with a carbon steel body.

- Double crimping die creates a secure crimp preventing wires from coming loose
- Effortless ratchet mechanism provides a simple and easy crimping process

Part No.	Qty	Description
RG10334	1	Ratchet Crimper

RG TOOLS

RG TOOLS Crimping Pliers

Supplied with a selection of red and blue terminals.

- Crimps insulated and non-insulated terminals
- Colour coded to identify terminal size
- Soft grip handles

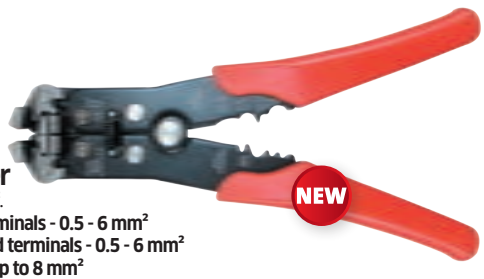
Part No.	Qty	Description
RG10331	1	Crimping Pliers

RG TOOLS

RG TOOLS Wire Stripper, Cutter & Crimper

For wire: 0.2 - 6.0 mm².

- Crimps insulated terminals - 0.5 - 6 mm²
- Crimps non-insulated terminals - 0.5 - 6 mm²
- Crimps copper lugs up to 8 mm²



Part No.	Qty	Description
RG10332	1	Wire Stripper, Cutter & Crimper

RG TOOLS

RG TOOLS Professional Ratchet Crimper

Professional ratchet crimper for use with red, blue and yellow pre-insulated terminals. Ergonomic cushioned handle with a carbon steel body.

- Double crimping die creates a secure crimp preventing wires from coming loose
- Effortless ratchet mechanism provides a simple and easy crimping process

Part No.	Qty	Description
RG10335	1	Professional Ratchet Crimper

RG TOOLS

RG TOOLS Superseal Ratchet Crimping Tool

Complete with one set of H2 and one set of H3 jaws.
Supplied in a robust plastic storage case.

- Ergonomically designed handle for ease of use
- Ratchet ensures correct crimping pressure
- H2 jaws suitable for 0.35 mm² - 0.5 mm² & 1.5 mm² cable
- H3 jaws suitable for 0.75 mm² & 1.0 mm² cable

Part No.	Qty	Description
RG10330	1	Ratchet Crimping Pliers

RG TOOLS

RG TOOLS Wire Stripper & Cutter

Automatic action wire stripper and cutter. Wire stripper has carbon steel blades plus an adjustable stripping length facility.

- Suitable for cable 0.2 - 3.5 mm²
- Carbon steel wire cutter just underneath the head

Part No.	Qty	Description
RG10336	1	Wire Stripper/Cutter

Copper Tube Terminal Indent Crimping Tool

For copper tube terminals: 10 - 120 mm².

Part No.	Qty	Description
TL940	1	Indent Crimping Tool

NWS Electricians' Miniature Side Cutters

Box jointed with double leaf spring. Soft wire capacity: 1.2 mm Ø.

Part No.	Qty	Length
TNE3	1	115 mm

NWS Boot Lace (End-Sleeve) Terminal Crimping Pliers

Supplied complete with approx. 150 x Assortment of Boot Lace Terminals (0.5 - 2.5 mm²).DIN 46228 (Boot Lace Terminals).

Part No.	Qty	Description
TL252	1	Boot Lace Terminal Pliers

NWS Cable Cutter

Special tool steel, drop-forged, oil-hardened.
Titanium finish head, soft grip 2-component handles. Spring opening.

- **Adjustable screw-joint.**
- **For stripping and cutting copper and aluminium cable up to 25 mm Ø (70 mm²).**

Part No.	Qty	Length	
TNR7/210	1	210 mm	(8 1/4")

NWS 'MultiCutter' 3-in-1 Wire Stripping Pliers

Special tool steel, drop-forged, oil-hardened.
Precision cutting edges, induction hardened for hard and soft wires.

- **V-shaped cutting edges for stripping of wires and stranded conductors.**
- **Cable stripper function for all common cables from 8 - 13 mm Ø**

Part No.	Qty	Length	
TNR6/180	1	180 mm	(7")

NWS 'ErgoCombi' High Leverage Combination Pliers

Insulation to IEC 60900 1,000V. Tool steel, drop-forged, oil-hardened Matt chromium plated heads.
'Soft-Grip' 2-component handles with soft inlay.

- **Ergonomically angled head for strain-free working.**
- **Optimum power transmission from improved leverage.**
- **Can also be used as a spanner.**

Part No.	Qty	Length	
TNR8/200	1	200 mm	(8")

RG TOOLS VDE Wire Strippers 6"

Manufactured according to IEC 60900.
Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10370	1	VDE Wire Strippers

RG TOOLS VDE Combi Pliers 6"

Manufactured according to IEC 60900.
Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10350	1	VDE Combi Pliers

RG TOOLS VDE Long Nose Pliers 8"

Manufactured according to IEC 60900.
Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

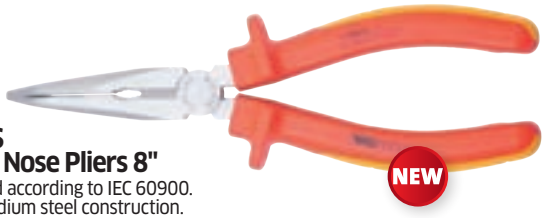
Part No.	Qty	Description
RG10355	1	VDE Long Pliers

RG TOOLS VDE Diag Side Cutters 6"

Manufactured according to IEC 60900.
Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10360	1	VDE Side Cutters

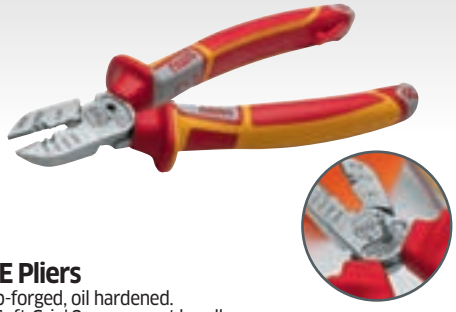


RG TOOLS VDE Bent Nose Pliers 8"

Manufactured according to IEC 60900.
Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10365	1	VDE Bent Nose Pliers



NWS 4-in-1 Electricians' VDE Pliers

Special tool steel, drop-forged, oil hardened.
Matt chrome plated. 'Soft-Grip' 2 component handles
with soft inlay. Optimised slip guards according to IEC 60900. 1,000V

- **Cuts bolts up to M3.5, strips cable 1.5/2.5 mm², crimp and bend facility.**

Part No.	Qty	Length	
TNV5/190	1	**190 mm**	(7 1/2")

NWS VDE Side Cutter

'Soft-Grip' 2-component handles. Matt chromium plated heads.
Optimised slip guards according to IEC 60900. 1,000V.

Part No.	Qty	Length	
TNV4/160	1	**160 mm**	(6 1/4")

NWS VDE Combination Pliers

'Soft-Grip' 2-component handles. Matt chromium plated heads.
Optimised slip guards according to IEC 60900. 1,000V.

Part No.	Qty	Length	
TNV1/180	1	**180 mm**	(7")
TNV1/205	1	**205 mm**	(8")

NWS VDE Long (Chain) Nose Pliers

'Soft-Grip' 2-component handles. Matt chromium plated heads.
Optimised slip guards according to IEC 60900. 1,000V.

Part No.	Qty	Length	
TNV2/205	1	**205 mm**	(8")

NWS VDE Pliers Set

Optimised slip guards according to IEC 60900.
1,000V. Induction hardened precision edges.
2-component safety grip. For hard and soft wire.

Part No.	Qty	Description
KN782	1 Set	**3 Piece Set**

1 x VDE Combination:180 mm. 1 x VDE Chain Nose: 205 mm. 1 x VDE Side Cutter: 160 mm

NWS 'MultiCutter' 3-in-1 VDE Wire Stripping Pliers

Insulation to IEC 60900
1,000V. Matt chromium plated heads.
'Soft-Grip' 2-component handles with soft inlay.

- **Precision cutting edges, induction hardened.**
- **V-shaped cutting edges for stripping of wires.**
- **Cable stripper function: Ø 8 - 13 mm.**

Part No.	Qty	Length	
TNV6/180	1	**180 mm**	(7")

NWS 'ErgoCombi' High Leverage VDE Combination Pliers

Insulation to IEC 60900 1,000V. Tool steel, drop-forged,
oil-hardened Matt chromium plated heads.
'Soft-Grip' 2-component handles with soft inlay.

- **Ergonomically angled head for strain-free working.**
- **Optimum power transmission from improved leverage.**
- **Can also be used as a spanner.**

Part No.	Qty	Length	
TNV8/200	1	**200 mm**	(8")

RGTOOLS

RG TOOLS
VDE Screwdriver Set

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10410	1 Set	**7 Piece Set**

7 x screwdrivers: Slotted 2.5 x 75, 3.5 x 100, 5.5 x 125, 6.5 x 150 mm.
Phillips - 1 x 80, 2 x 100 mm & voltage tester 120 - 150V.

RGTOOLS

RG TOOLS
VDE Screwdriver Set

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10411	1 Set	**8 Piece Set**

8 x Slotted screwdrivers: 2.5 x 75, 4 x 100, 5.5 x 125, 6.5 x 150 mm,
Phillips - 0 x 60, 1 x 80, 2 x 100 mm & voltage tester 120-150V.

RGTOOLS

RG TOOLS
VDE Star Set

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10412	1 Set	**6 Piece Set**

6 x Star screwdrivers: T10 x 60, T15 x 100, T20 x 100, T25 x 100, T30 x 100, T40 x 150 mm.

RGTOOLS

RG TOOLS
VDE Screwdrivers - Slotted

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Tip	Shaft Length
RG10450	1	**2.5**	75 mm
RG10452	1	**3.5**	100 mm
RG10454	1	**4.0**	100 mm
RG10456	1	**5.5**	125 mm
RG10458	1	**6.5**	150 mm

RGTOOLS

RG TOOLS
VDE Screwdrivers - Phillips

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Tip	Shaft Length
RG10460	1	**No. 0**	60 mm
RG10462	1	**No. 1**	80 mm
RG10464	1	**No. 2**	100 mm

RGTOOLS

RG TOOLS
Voltage Tester 120-250V

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10470	1	**Voltage Tester**

RGTOOLS

RG TOOLS
VDE Screwdrivers - Star

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Tip	Shaft Length
RG10480	1	**T10**	60 mm
RG10482	1	**T15**	100 mm
RG10484	1	**T20**	100 mm
RG10486	1	**T25**	100 mm
RG10488	1	**T30**	100 mm
RG10490	1	**T40**	150 mm

RGTOOLS

RG TOOLS
3/8" Dr VDE Tool Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10140	1 Set	**26 Piece Set**

Contents: 1 x Combi Pliers. 1 x Side Cutters. Open End Wrenches: 7, 8, 10, 12, 14 mm.
Screwdrivers: PH1 x 100 mm, PH2 x x100 mm, SL1.0 x 125 mm, SL0.8 x 100 mm. 2 Cable Knives.
3/8" Drive Ratchet. 3/8" Drive Extension 100 mm. 3/8" Drive Sockets: 7, 8, 10, 12, 14 mm.
3/8" Drive Sockets: 1/4", 5/16", 3/8", 1/2", 9/16". 3/8". Drive T-Handle.

RGTOOLS

RG TOOLS
1/2" Dr VDE Socket Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

1/2"

Part No.	Qty	Description
RG10120	1 Set	**7 Piece Set**

Contents: 1 x 1/2" Drive Reversible Ratchet. 1 x 1/2" Drive Extension: 125mm L.
5 x 1/2" Drive Sockets: 14, 17, 19, 22, 24mm.

RGTOOLS

RG TOOLS
3/8" Dr VDE T-Handle+ Screwdriver Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage pouch.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10110	1 Set	**8 Piece Set**

Contents: 1 x 3/8" Drive T-Handle. 5 x 3/8" Drive Sockets: 7, 8, 10, 12, 14 mm. 2 x Screwdrivers: PH2 x 100 mm, SL1.0 x 5.5 x 125 mm.

RGTOOLS

RG TOOLS
VDE Open End Wrench Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage pouch.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10130	1 Set	**5 Piece Set**

Contents: 5 x Open End Wrenches: 7, 8, 10, 12, 14mm.

RGTOOLS

RG TOOLS
VDE Open End Wrenches

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Open Jaw	Overall Length
RG10200	1	**10 mm**	108 mm
RG10205	1	**13 mm**	144 mm
RG10210	1	**15 mm**	163 mm
RG10215	1	**17 mm**	163 mm
RG10220	1	**19 mm**	180 mm
RG10225	1	**24 mm**	224 mm

RGTOOLS

RG TOOLS
3/8" Dr
VDE Socket Set

Manufactured according to IEC 60900.
Chrome vanadium steel construction.
Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10502	1 Set	**9 Piece Set**

1 x Reversible Ratchet, 1 x 100 mm Extension Bar. Deep Sockets: 1 x 8 mm, 1 x 10 mm, 1 x 12 mm, 1 x 13 mm, 1 x 14 mm, 1 x 17 mm, 1 x 19 mm.

RGTOOLS

RG TOOLS
1/2" Dr
VDE Socket Set

Manufactured according to IEC 60900.
Chrome vanadium steel construction.
Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

1/2"

Part No.	Qty	Description
RG10500	1 Set	**11 Piece Set**

1 x Reversible Ratchet, 1 x T-handle, 1 x 125 mm Extension Bar. Deep Sockets: 1 x 10 mm, 1 x 12 mm, 1 x 13 mm, 1 x 14 mm, 1 x 17 mm, 1 x 19 mm, 1 x 22 mm, 1 x 24 mm.

RGTOOLS

RG TOOLS
3/8" Dr VDE Socket Rail Set

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10504	1 Set	**10 Piece Set**

2 x 10 mm, 1 x 11 mm, 1 x 12 mm, 2 x 13 mm, 1 x 14 mm, 1 x 15 mm, 1 x 17mm, 1 x 19 mm.

RGTOOLS

RG TOOLS
1/2" Dr VDE Socket Rail Set

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

1/2"

Part No.	Qty	Description
RG10506	1 Set	**10 Piece Set**

2 x 10 mm, 1 x 11 mm, 1 x 12 mm, 2 x 13 mm, 1 x 14 mm, 1 x 16 mm, 1 x 17 mm, 1 x 19 mm.

New EV Tools & Equipment Range -

turn to page 543 for more information

1:1 Actual Size Images

Commercial Thick Wall Auto Cable, Single - 1.00 mm²

14/0.30 mm, 8.75 amps.

Designed for commercial applications.

Part No.	Length	Colour
EC2000BK	50 m	Black
EC2000BN	50 m	Brown
EC2000BU	50 m	Blue
EC2000GR	50 m	Green
EC2000PU	50 m	Purple
EC2000RE	50 m	Red
EC2000WH	50 m	White
EC2000YE	50 m	Yellow

Thin Wall Auto Cable, Single - 1.00 mm²

32/0.20 mm, 16.5 amps. ISO 6722 : 2011 (Class B).

- **Suitable for: Side/Tail Lamps, Map/Interior Lamps, Number Plate, Reversing Lamps, Stereos, Alarms, Aerials, Screen Wash Motors, Air Horns.**

Part No.	Length	Colour
EC200BK	50 m	Black
EC200BN	50 m	Brown
EC200BU	50 m	Blue
EC200GR	50 m	Green
EC200PU	50 m	Purple
EC200RE	50 m	Red
EC200WH	50 m	White
EC200YE	50 m	Yellow

Commercial Thick Wall Auto Cable, Single - 2.00 mm²

28/0.30 mm, 17.5 amps.

Designed for commercial applications.

Part No.	Length	Colour
EC3000BK	50 m	Black
EC3000BN	50 m	Brown
EC3000BU	50 m	Blue
EC3000GR	50 m	Green
EC3000PU	50 m	Purple
EC3000RE	50 m	Red
EC3000WH	50 m	White
EC3000YE	50 m	Yellow

Thin Wall Auto Cable, Single - 2.00 mm²

28/0.30 mm, 25.0 amps. ISO 6722 : 2011 (Class B).

- **Suitable for: Headlamps, Halogen Lamps, Fog Lamps, Spot Lamps, Cigar Lighters, Rear Screen Heaters.**

Part No.	Length	Colour
EC300BK	50 m	Black
EC300BN	50 m	Brown
EC300BU	50 m	Blue
EC300GR	50 m	Green
EC300PU	50 m	Purple
EC300RE	50 m	Red
EC300WH	50 m	White
EC300YE	50 m	Yellow

Thin Wall Auto Cable, Single - 3.00 mm²

44/0.30 mm, 33.0 amps. ISO 6722 : 2011 (Class B).

• **Suitable for: Ammeter Circuits, Battery Supply.**

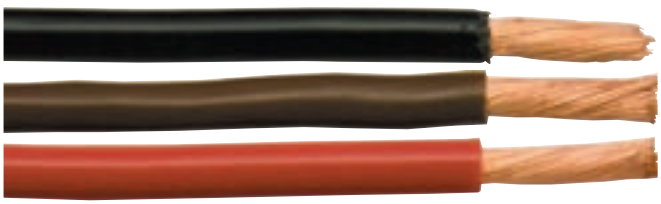
Part No.	Length	Colour
EC400BK	30 m	Black
EC400BN	30 m	Brown
EC400RE	30 m	Red

Thin Wall Auto Cable, Single - 4.50 mm²

65/0.30 mm, 42 amps. ISO 6722 : 2011 (Class B).

• **Suitable for: Dynamo, Ammeter & Alternator Circuits.**

Part No.	Length	Colour
EC500BK	30 m	Black
EC500BN	30 m	Brown
EC500RE	30 m	Red



Thin Wall Auto Cable, Single - 8.50 mm²

120/0.30 mm, 63 amps. ISO 6722 : 2011 (Class B).

Part No.	Length	Colour
EC600BK	30 m	Black
EC600BN	30 m	Brown
EC600RE	30 m	Red

BEST SELLER

Thin Wall Auto Cable, Flat Twin - 2 x 1.00 mm²

2 x 32/0.20 mm, 16.5 amps. ISO 6722 : 2011 (Class B). Suitable for use at temperature: 70˚C.

Part No.	Length	Outer Colour
EC702	30 m	Black
EC712	100 m	Black

Commercial Thick Wall Auto Cable, Flat Twin - 2 x 1.00 mm²

2 x 14/0.30 mm, 8.75 amps. Designed for commercial applications.

Part No.	Length	Outer Colour
EC7020	30 m	Black
EC7120	100 m	Black

Auto Cable, 4-Core - 4 x 0.75 mm²

4 x 24/0.20 mm, 14.0 amps. ISO 6722 : 2011 (Class B).

Part No.	Length	Outer Colour
EC900	30 m	Black

Auto Cable, 5-Core - 5 x 0.75 mm²

5 x 24/0.20 mm, 14.0 amps. ISO 6722 : 2011 (Class B).

Part No.	Length	Outer Colour
EC901	30 m	Black

Auto Cable, 7-Core - 6 x 1.00 mm² & 1 x 2.00 mm²

6 x 32/0.20 mm, 16.5 amps & 1 x 28/0.30 mm, 25.0 amps. ISO 6722 : 2011 (Class B).

Part No.	Length	Outer Colour
EC903	30 m	Black

Auto Cable, 7-Core - 6 x 1.50 mm² & 1 x 2.50 mm²

6 x 21/0.30 mm, 21.0 amps & 1 x 35/0.30 mm, 29.0 amps. ISO 6722 : 2011 (Class B).

Part No.	Length	Outer Colour
EC904	30 m	Grey

Auto Cable, 7-Core - 7 x 0.75 mm²

7 x 24/0.20 mm, 14.0 amps. ISO 6722 : 2011 (Class B).

Part No.	Length	Outer Colour
EC902	30 m	Black

BEST SELLER

Thin Wall Auto Cable, Flat Twin - 2 x 2.00 mm²

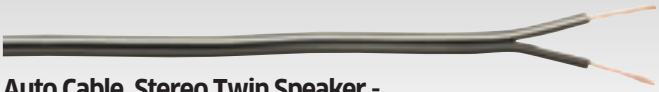
2 x 28/0.30 mm, 25.0 amps. ISO 6722 : 2011 (Class B). Suitable for use at temperature: 70˚C.

Part No.	Length	Outer Colour
EC703	30 m	Black
EC713	100 m	Black

Commercial Thick Wall Auto Cable, Flat Twin - 2 x 2.00 mm²

2 x 28/0.30 mm, 17.5 amps. Designed for commercial applications.

Part No.	Length	Outer Colour
EC7030	30 m	Black
EC7130	100 m	Black



Auto Cable, Stereo Twin Speaker - 2 x 0.38 mm²

2 x 12/0.20 mm, 2.00 amps.

Part No.	Length	Colour
EC1102	100 m	Black with White Stripe

Auto Cable, Stereo Twin Speaker - 2 x 0.75 mm² for Hi-Fi Systems

2 x 24/0.20 mm, 6.00 amps.

Part No.	Length	Colour
EC1104	100 m	Black with Red Stripe

Flexible Battery/Starter Cable - 25 mm²

196/0.40 mm. 170 amp.

- Suitable for use at temperatures: -15°C to 70°C.
- Resistant to petrol, lubricating oil and diluted acids.

Part No.	Length	Colour
EC801	10 m	Black
EC801RE	10 m	Red

Flexible Battery/Starter Cable - 40 mm²

315/0.40 mm. 300 amp.

- Suitable for use at temperatures: -15°C to 70°C.
- Resistant to petrol, lubricating oil and diluted acids.

Part No.	Length	Colour
EC802	10 m	Black
EC802RE	10 m	Red

Flexible Battery/Starter Cable - 60 mm²

475/0.40 mm. 415 amp.

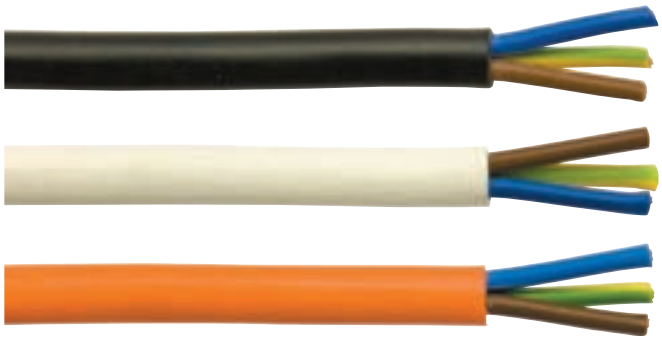
- Suitable for use at temperatures: -15°C to 70°C.
- Resistant to petrol, lubricating oil and diluted acids.

Part No.	Length	Colour
EC803	10 m	Black
EC803RE	10 m	Red

Domestic Mains Cable 3-Core - Tough Rubber Sheath

Suitable for single phase.

Part No.	Length	Outer Colour	Size	Amps
EC1201	50 m	Black	3 x 0.75 mm²	6A
EC1205	50 m	Black	3 x 1.00 mm²	10A
EC1202	50 m	Black	3 x 1.50 mm²	15A



Domestic Mains Cable 3-Core - PVC

Suitable for single phase.

Part No.	Length	Outer Colour	Size	Amps
EC1204	50 m	Black	3 x 1.50 mm²	15A
EC1207	50 m	White	3 x 1.50 mm²	15A
EC1211	50 m	Orange	3 x 1.50 mm²	15A

Heavy Duty 'H07' Mains Cable 2-Core - Tough Rubber Sheath

H07RN-F BS EN 60228. Voltage rating: 450-750V. EPR: Type EM2, PCP: Tpe EM2.

- Designed to provide high flexibility and have the capacity to withstand chemical, mechanical and thermal stress.
- Suitable for handling equipment, mobile power supplies, worksites, stage and audio visual equipment, port areas and dams.
- Temperature rating: -30°C to 60°C for fixed installations.

Part No.	Qty	Outer Colour	O.D.	Amps
EC1221	50 m	Black	2 x 1.00 mm²	10 A
EC1222	50 m	Black	2 x 1.50 mm²	16 A
EC1223	50 m	Black	2 x 2.50 mm²	25 A

Heavy Duty 'H07' Mains Cable 3-Core - Tough Rubber Sheath

H07RN-F BS EN 60228. Voltage rating: 450-750V. EPR: Type EM2, PCP: Tpe EM2.

- Designed to provide high flexibility and have the capacity to withstand chemical, mechanical and thermal stress.
- Suitable for handling equipment, mobile power supplies, worksites, stage and audio visual equipment, port areas and dams.
- Temperature rating: -30°C to 60°C for fixed installations.

Part No.	Qty	Outer Colour	O.D.	Amps
EC1231	50 m	Black	3 x 1.00 mm²	10 A
EC1232	50 m	Black	3 x 1.50 mm²	16 A
EC1233	50 m	Black	3 x 2.50 mm²	25 A
EC1234	50 m	Black	3 x 4.00 mm²	30 A

Cable Rack

Approx. Length: Overall 530 mm, Working 460 mm.
For cable reels with 25 mm core x 135 mm reel diameter (cable reels NOT included).

- **Wall mounted or free-standing**
- **Also takes heat shrink tubing reels**
- **Retaining bar can be easily lifted off to reload**
- **Dispense cable without removing reels**

Part No.	Qty	Description
ECR	1	Cable Rack

240V Cable Reels

240V 13A.
Manufactured to BS EN 6124.
Heavy duty with thermal cut-out.
Cable size: 1.25 mm² (H05VV-F).
Maximum load: 720W fully wound, 3,120W fully unwound.
Fitted with 13A mains plug.

- **4 x Safety shutter sockets**
- **Strong steel stand and robust case reel**
- **Power on/off switch**
- **Power LED indicator**

Part No.	Qty	Length
ERP25	1	25 m Reel
ERP50	1	50 m Reel

Cassette Cable Reel

240V 10A.
Heavy duty with thermal cut-out.
Manufactured to BS EN 61242.
Cable size: 1.25 mm².
Fitted with 13A mains plug.

- **4 x Sockets**
- **Sturdy construction with easy wind handle**

Part No.	Qty	Length
ERP18	1	10 m Reel

2 X USB Sockets

Surge Protector Extension Lead with 2 x USB Sockets

240V 2.1A. Surge protection via the 13A socket to protect any connected electronic equipment.
£ Unlimited connected equipment warranty

- **2 x USB charger outputs ideal for use with mobile devices**

Part No.	Qty	Type	Cable Length
ERP74	1	4-Way	2 m

2 X USB Sockets

Surge Protector with 2 x USB Sockets

240V 2.1A. Surge protection via the 13A socket to protect any connected electronic equipment.
£ Unlimited connected equipment warranty

- **2 x USB charger outputs ideal for use with mobile devices**

Part No.	Qty	Description
ERP71	1	Surge Protector

RCD Safety Adaptor

240V.

Part No.	Qty	Description
ERP20	1	RCD Safety Adaptor

3-Pin Rubber Plugs

13 amp with safety sleeving.
BS 1363/A.

Part No.	Pack of	Colour
ERP51	10	White
ERP52	10	Black

Domestic Mains Fuses

BS 1362.

Part No.	Pack of	Amperage
EFD3	50	3 A
EFD5	50	5 A
EFD13	50	13 A

Trailing Sockets

Safety shutters. BS 1363/A.
Supplied without cable or plug.

Part No.	Pack of	Type	Colour
ERP54	2	Single	Black

Trailing Sockets

Safety shutters. BS 1363/A.
Supplied without cable or plug.

Part No.	Qty	Type	Colour
ERP55	1	Double	White
ERP56	1	Double	Black

Trailing Sockets

Safety shutters. BS 1363/A.
Supplied without cable or plug.

Part No.	Qty	Type	Colour
ERP57	1	4-Way	White

Lead Connectors

10A. Black. Manufactured to BS 5733.

Part No.	Pack of	Pin Type
ERP62	2	2-Pin
ERP63	2	3-Pin

Transformer Trip Switches (Circuit Breakers)

125/250VAC. 32VDC.

Part No.	Pack of	Amperage
EC52	1	10 A
EC53	1	12 A
EC54	1	15 A
EC55	1	20 A
EC56	1	25 A
EC57	1	35 A

Transformer Trip Switch (Circuit Breakers) - Weatherproof Cover

Protects switch from moisture ingress and dust.
Clear silicone rubber bubble screws over push button.
Complete with 'Circuit Breaker - Press To Reset' washer.

Part No.	Pack of	Suits Thread
EC49	5	M11

110V Cable Reels

110V 16A. Manufactured to BS EN 61242 & BS EN 60309.
Heavy duty with thermal cut-out.
Cable size: 1.50 mm² 16A yellow cable.

- **Two panel sockets**
- **Strong steel stand and robust case reel**
- **Power neon indicator**

Part No.	Qty	Length
ERP125	1	25 m Reel
ERP150	1	50 m Reel

110V Plugs - Yellow

IP44. 100-130V.

Part No.	Pack of	Amps
ERP68A	1	16 A
ERP68	5	16 A
ERP80	1	32 A

110V Couplers - Yellow

IP44. 100-130V.

Part No.	Pack of	Amps
ERP69A	1	16A
ERP69	5	16A
ERP81	1	32A

110V Panel Sockets - Yellow

IP44. 100-130V.

Part No.	Pack of	Amperage	Flange Size
ERP77	1	16 A	60 mm²
ERP76	1	16 A	75 mm²
ERP79	1	32 A	75 mm²

110V Angled Panel Socket - Yellow

IP44. 100-130V.

Part No.	Pack of	Amperage	Flange Size
ERP78	1	16 A	70 x 85 mm

240V Plugs - Blue

IP44. 200-250V

Part No.	Pack of	Amps
ERP83	1	16 A
ERP89	1	32 A

240V Couplers - Blue

IP44. 200-250V.

Part No.	Pack of	Amps
ERP84	1	16 A
ERP90	1	32 A

240V Panel Sockets - Blue

IP44. 200-250V

Part No.	Pack of	Amperage	Flange Size
ERP82	1	16 A	60 mm²
ERP85	1	16 A	75 mm²
ERP88	1	32 A	75 mm²

240V Angled Panel Sockets - Blue

IP44. 200-250V.

Part No.	Pack of	Amperage	Flange Size
ERP86	1	16 A	70 x 85 mm

Shunt Release

230V AC. Installation on the right side of the MCB.

Part No.	Qty	Description
ERSR230	1	Shut Release

400V Couplers - Red

IP44. 380-415V (4 Pin), 230-400V (5 Pin).

Part No.	Pack of	Type	Amperage
ERP108	1	5 Pin	16 A
ERP109	1	5 Pin	32 A

400V Plugs - Red

IP44. 380-415V (4 Pin), 230-400V (5 Pin).

Part No.	Pack of	Type	Amperage
ERP102	1	4 Pin	16 A
ERP103	1	4 Pin	32 A
ERP104	1	5 Pin	16 A
ERP105	1	5 Pin	32 A

400V Panel Sockets

IP44. 380-415V (4 Pin), 230-400V (5 Pin).

Part No.	Pack of	Type	Amperage
ERP110	1	4 Pin	16 A
ERP111	1	4 Pin	32 A
ERP112	1	5 Pin	16 A

Shunt Trip

230V AC. Installation on the right side of the MCB.

Part No.	Qty	Description
ERST230	1	Shunt Trip

MCB Circuit Breaker - 1 Pole

EN60898-1. C Type

Part No.	Qty	Amperage
ERCB116	1	16 A
ERCB120	1	20 A
ERCB125	1	25 A
ERCB132	1	32 A

RCD Circuit Breaker - 2 Pole

EN61008-1. AC Type. 30mA

Part No.	Qty	Amperage
ERCD243	1	40 A
ERCD413	1	100 A

Switch Disconnector - 1 Pole

EN60947-3

Part No.	Qty	Amperage
ERSD125	1	25 A
ERSD140	1	40 A
ERSD163	1	63 A

Switch Disconnector - 3 Pole

EN60947-3

Part No.	Qty	Amperage
ERSD340	1	40 A
ERSD363	1	63 A
ERSD380	1	80 A
ERSD310	1	100 A

MCB Circuit Breaker - 3 Pole

EN60898-1. C Type

Part No.	Qty	Amperage
ERCB316	1	16 A
ERCB320	1	20 A
ERCB325	1	25 A
ERCB332	1	32 A
ERCB340	1	40 A
ERCB350	1	50 A
ERCB363	1	63 A

RCD Circuit Breaker - 4 Pole

EN61008-1. AC Type. 30mA

Part No.	Qty	Amperage
ERCD425	1	25 A
ERCD443	1	40 A
ERCD463	1	63 A

Switch Disconnector - 4 Pole

EN60947-3

Part No.	Qty	Amperage
ERSD410	1	100 A

RING HD 2.0" Dash Camera

Takes Micro SD Card NOT included (Part No. MEM32).

- 2.0" screen provides clear footage even when driving at night
- 1080p HD resolution
- 90° lens
- Shock sensor saves recordings when a collision is detected

Part No.	Qty	Description
ERDCP20	1	HD 2.0" Dash Camera

RING HD 2.4" Dash Camera

12/24 DC with hardwire kit and 32GB Micro SD Card included.

- 2.4" screen provides clear footage even when driving at night
- 720p HD resolution
- Adjustable 110° lens to capture a wide view of the road
- Automatically switches on and off with your engine
- Audio and loop recording
- Shock sensor saves recordings when a collision is detected
- Lockable Micro SD slot to prevent tampering
- Includes 32GB Micro SD card

Part No.	Qty	Description
ERVEP1	1	HD 2.4" Dash Camera

'Premium Brand' Micro SD Memory Card

Suitable for use in Dash Cams.

Part No.	Qty	Capacity
MEM32	1	32GB

RING HD 2.4" Dash Camera with Cabin Camera

12/24 DC with hardwire kit and 64GB Micro SD Card included. Comes with interior cabin camera for extra security.

- 2.4" screen provides clear footage even when driving at night
- 1080p HD resolution
- Adjustable 120° lens to capture a wide view of the road
- GPS Function
- Automatically switches on and off with your engine
- Audio and loop recording
- Shock sensor saves recordings when a collision is detected
- Lockable Micro SD slot to prevent tampering
- Includes 64GB Micro SD card

Part No.	Qty	Description
ERVEP2	1	HD 2.4" Dash Camera with Cabin Camera

77

80

85

86

87

89

Light + Power

90

92

101

76 Head Torches
78 Torches
80 Hand Lamps
84 Work Lights
86 Work Lamps
87 Rotating Beacons
88 Light Bulbs
89 Heat Lamp Bulbs
90 NEOLUX Auto Bulbs
94 EUROLEC Auto Bulbs
98 RING Auto Bulbs
110 RING Auto Bulb Kits
111 RING Auto Bulb Dispensers
112 Power Inverters
113 Jump Leads
113 Battery Chargers
114 Batteries

110

112

113

113

113

114

116

118

VISION

VISION 350lm LED Motion Sensor Head Torch

Complete with USB charging lead, mains plug and car adapter.

- **LED Lamp provides:**
  100% position: approx 350LM for 3.5 hours use
  50% position: approx 160LM for 7.0 hours use
  10% position: approx 35LM for 30 hours use
- **Operated by on/off switch or by motion sensor**

Part No.	Qty	Description
ETL201	1	Motion Sensor Head Torch

LEDLENSER

LEDLENSER 'NEO3' 400lm LED Head Torch/Rear Red Light

IP54 rating. 7 year warranty.
Supplied with 3 x AAA Alkaline batteries and chest belt.

- **Head diameter 41 mm**
- **Weight 96 g**
- **400 lumens (high) 80m beam, 3 hour run time**
  20 lumens (low) 5m beam, 20 hour run time.

Part No.	Qty	Description
ETLNE3	1	400lm LED Head Torch/Rear Red Light

RING

RING Adjustable LED Head Torch

Complete with 3 x AAA batteries.

- **Bright white LED providing 50 lumens light output**
- **Provides high beam for maximum light output, a low beam for energy saving and flashing beam for attention**
- **Adjustable head strap with padding for comfortable use**
- **8 hours battery life (approx)**
- **Adjusts through 90° to focus on work area**

Part No.	Qty	Description
ERT5174	1	Adjustable LED Head Torch

LEDLENSER

LEDLENSER 'H5 CORE' 350lm LED Head Torch

IP67 rating. 7-year warranty. Supplied with 2 x AA Alkaline batteries.

- **3 x modes: Boost (350lm), Standard Power (200lm), Low Power (15lm)**
- **Advanced Focus System™ - Flood (near), spot (distance) and any level in-between**
- **Directable light - Angle the light beam up or down within 160°**
- **100% dust tight. Watertight in water between 15 cm an 1 m for up to 30 minutes**
- **Anti-microbial headstrap material - Helps inhibit the growth of harmful microorganism, can also be detached for washing**
- **Low Battery warning - Allows time to replace batteries before power runs out**
- **Transport Lock mode - Prevent battery drain if switch is depressed in transit**

Part No.	Qty	Description
ETLH5	1	350lm LED Head Torch

RING

RING Motion Sensor LED Head Torch

Supplied with a micro USB charging cable.

- **LED provides 110 lumens light output**
- **High and low settings to maintain battery power**
- **Adjustable head strap for comfortable use**
- **Operated by on/off switch or motion sensor**
- **360° light rotation**

Part No.	Qty	Description
ERT5210	1	Motion Sensor LED Head Torch

LEDLENSER

LEDLENSER 'iH5' 200Lm LED Head Torch

Supplied with 1 x AA Alkaline battery.

- **2 modes: Power (200lm), Low Power (20lm)**
- **Advanced Focusing System: Flood (near) - Spot (distance up to 130m)**
- **Weight 92g including batteries**
- **Directable light - angle within 60°**
- **IP54 rating**
- **Rubber coated head-strap prevents movement on helmets**
- **7 year warranty**

Part No.	Qty	Description
ETL1H5	1	200Lm LED Head Torch

LEDLENSER

NEW

USB

LEDLENSER 'NEO5R' 600lm Rechargeable LED Head Torch/Rear Red LED

IP54 rating. 7-year warranty. Supplied with chest-strap and fuss-free magnetic contact charging cable.

- 600 Lumens (boost) 100m beam
  300 Lumens (power) 70m beam, 4hr runtime
  100 Lumens (mid power) 40m beam, 8hr runtime
  20 Lumens (low power) 5m beam, 35hr runtime
- Red safety light

Part No.	Qty	Description
ETLNE5R	1	600lm LED Recharge Head Torch/Rear LED

LEDLENSER

USB

LEDLENSER 'H5R CORE' 500lm Magnetic Rechargeable LED Head Torch

IP67 rating. 7-year warranty. Supplied with integrated Lithium Polymer rechargeable battery pack and magnetic contact charging cable.

- 3 x modes: Boost (500lm), Power (300lm), Low Power (15lm)
- Range up to 200 meters on Boost
- Weight: 167g including batteries
- Recharge time 3.5 hours via fuss-free magnetic charging cable
- Transport Lock mode - Prevent battery drain if switch is depressed in transit

Part No.	Qty	Description
ETLH5R	1	500lm LED Mag Charge Head Torch

LEDLENSER

USB

LEDLENSER 'H7R CORE' 1,000lm Magnetic Rechargeable LED Head Torch

IP67 rating. 7-year warranty.
Supplied with a fuss-free magnetic charging cable.

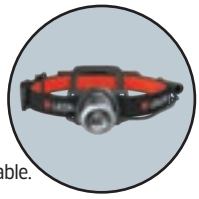
- Head diameter: 41 mm
- Weight: 259 g including batteries
- 3 x modes: Boost (1,000lm), Standard Power (600lm), Low Power (15lm)
- Advanced focusing system - Flood (near), spot (distance) and any level in-between
- Transport Lock mode - Prevent battery drain if switch is depressed in transit
- Recharge time: 3.5 hours

Part No.	Qty	Description
ETLH7R	1	1,000lm LED Mag Charge Head Torch

LEDLENSER

NEW

USB



LEDLENSER 'H8R' 600lm Rechargeable LED Head Torch/Rear Red Light

IP54 rating. 7 year warranty.
Supplied with a rechargeable battery and a USB charging cable.

- Head diameter 36 mm
- Weight 158 g
- 3 x modes: Boost (600lm), Power (250lm), Low Power (10lm)
- Rapid focus: one-handed, fast focusing of the light beam
- Transport lock: prevents battery drain if the switch is depressed in transit
- Low battery warning
- Charge indicator
- Battery level indicator

Part No.	Qty	Description
ETLH8R	1	600lm Recharge LED Head Torch/Rear Red Light

LEDLENSER

USB

LEDLENSER 'iH5R' 400lm LED Magnetic Rechargeable Helmet/Head Torch

IP54 water-resistance rating. 7-year warranty.
Supplied with magnetic charging cable (USB) pouch and helmet mounting kit.

- 2 x modes Power (400lm / 4hrs run time), Low Power (20lm / 35hrs run time)
- Hands-free, compact head torch for everyday use
- Advanced Focus System™ - Flood (near), spot (distance) and any level in-between
- 60° Tiltable Head
- Non-slip rubber lining on headband with helmet mounting kit
- Metal clip provides alternative attachment options

Part No.	Qty	Description
ETL1H5R	1	400lm LED Mag Charge Helmet/Head Torch

LEDLENSER POWERCASE Powerbank & 'iH5R' Head Torch Charger Case

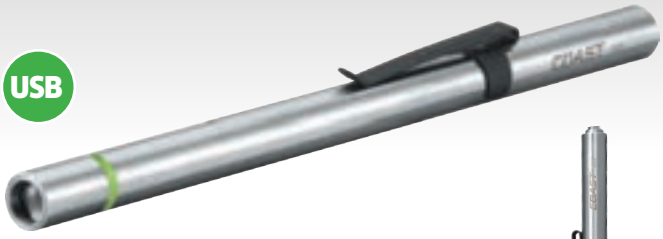
For safe transport/storage of head torch Part No. ERL1H5R.
Supplied with USB cable and snap hook.

- Easy charging of head torch via magnetic charge system
- Power bank function provided with a capacity of 5,000mAh
- Battery charge level indicator

Part No.	Qty	Description
ETL1H5RPC	1	Powerbank & Head Torch Charger Case

COAST

USB



COAST
Rechargeable LED Penlight

Super-slim inspection torch designed to access the tightest possible areas and provide the best possible vision. USB, 230V mains and 12V/24V DC in-vehicle charging adaptors included.

- **Lightweight (60 grams) and perfectly balanced for use held between thumb and forefinger for maximum extension**
- **Low glare inspection beam with crisp circular edges and consistent light level ideal for inspection in tight spaces**
- **Unique 'pro-flex' charging system, simply insert tip of torch into charger dock (no need to open or remove battery)**
- **Lithium-Polymer Battery for reliability and long service life**
- **COAST 5 year warranty**

Part No.	Qty	Description
ETL10	1	LED Penlight

LEDLENSER

USB

LEDLENSER 'P4R CORE'
200lm Rechargeable LED Penlight

IP54 rated. 7-year warranty. Supplied with rechargeable battery pack (2 x L-ion 10440) with integrated USB port, pocket clip and USB cable.

- **The pen-like LED torch focusable up to 90m**
- **3 x modes: High Power (200lm), Mid-Power (90lm), Low Power (15lm)**
- **Advanced Focus System™ - A seamless beam focusing for flood (near) or spot (distance) illumination and any level in-between**
- **Fully protected against solid objects and resistant to splashing water**
- **Aircraft grade aluminium - Provides strength, durability & corrosion resistant**
- **Recharges via the supplied USB cable in just 2.5 hours**

Part No.	Qty	Description
ETLP4R	1	200lm LED Penlight

LEDLENSER

USB

LEDLENSER 'P5R CORE'
500lm Magnetic Rechargeable LED Torch

IP68 rating. 7-year warranty. Magnetic charge system. Small enough to carry comfortably in a pocket.

- **Beam range up to 250 meters on Boost**
- **Weight: 106g with rechargeable batteries**
- **7 x modes: Boost (500lm), Standard Power (350lm), Mid-Power (130lm), Low Power (15lm), Blink, S.O.S & Strobe**
- **Exceptional protection against water and dust ingress**
- **Transport lock mode prevents accidental battery drain**
- **Recharge time: 2 hours**

Part No.	Qty	Description
ETLP5R	1	500lm LED Mag Charge Torch

LEDLENSER

USB

LEDLENSER 'P7R CORE'
1,400lm Magnetic Rechargeable LED Torch

IP68 rating. 7-year warranty. Supplied with wrist-strap and fuss-free magnetic contact charging cable.

- **Flicker-free light**
- **Delivers a beam up to 300 meters on Boost**
- **Weight: 202g with rechargable batteries**
- **7 x Modes: Boost (1,400lm), Standard Power (1,000lm), Mid-Power (440lm), Low Power (15lm), Position, S.O.S & Strobe**
- **Transport lock mode**
- **Recharge time 4.5 hours**

Part No.	Qty	Description
ETLP7R	1	1,400lm LED Mag Charge Torch

RING

3 x AAA

RING LED Pocket Lamp

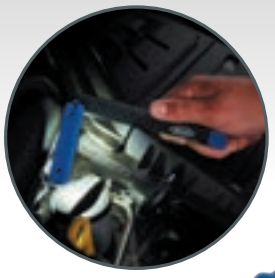
Supplied with 3 x AAA batteries.

- 170 lumen output
- Magnetic base and swivel pocket clip for hands free use
- Soft touch finish

Part No.	Qty	Description
ERIL56	1	LED Pocket Lamp

RING

3 x AAA



RING Flexible LED Pocket Lamp

Takes 3 x AAA batteries (included).

- Flexible, bright pocket inspection lamp
- Emits up to 220 lumens for bright illumination
- Includes LED torch for focused beam
- White LEDs create comfortable working light
- Magnetic base and pocket clip, for hands-free use
- 4.5-hour operating time
- Flexes and folds to position light exactly where you need it

Part No.	Qty	Description
ERIL58	1	Flexible LED Pocket Lamp

VISION

VISION Slimline COB LED Inspection Lamp

Complete with USB charging lead, mains plug and car adapter.

- LED: 5W COB LED, 1W torch, 6000-7000K, Ra. 70
- Lumen and work time:
  Switch 100% position: 500LM, approx 2.5 hrs
  Switch 50% position: 250LM, approx 5.0 hrs
  Switch 10% position: 50LM, approx 20 hrs
- Battery: 3.7V2500mA Lithium battery
- Charge time: approx 5.5 hours
- Dimensions(W/D/H): 3.5 x 4.5 x 32/16.5cm
- Wet/Damp rated: IP20
- Strong magnet and hook in bottom
- Overload protection
- Product weight: 0.30kg

Part No.	Qty	Description
EHL305	1	Slimline Inspection Lamp

LUCECO

LUCECO 10W Multi Position COB LED Inspection Lamp

Supplied with USB-C charging cable.

- Utility lamp with versatile design - ideal for automotive under bonnet and for professional trade use
- Dual 180° ratcheting and 360° twist function to direct light exactly where you need it
- Dual hanging hooks and strong magnetic bases for hands free use
- Up to 1000 lumen light output
- Up to 2.5 hour operating time

Part No.	Qty	Description
EHL1000	1	Multi Position Inspection Lamp

VISION

VISION Flexible Magnetic Hand Lamp/Torch

230V mains and 12V DC
in-vehicle charging adaptors included.

- 6 x 0.5W High Power SMD LED Lamp: 300 Lumens
- Run time 3.5 hours
- 1 x 1W LED Torch
- 2 x Rear Magnets & Flexible Magnetic Base

Part No.	Qty	Colour
EHL300B	1	Black/Blue
EHL300R	1	Black/Red
EHL300LR	1	Hi-Vis Orange
EHL300LY	1	Hi-Vis Yellow

RING 'MAGflex Pro' Fast Charge LED Hand Lamp

Dimensions (H x W x D): 50 x 40 x 205 mm.
Supplied with Type-C USB cable and mains charging adaptor.

- **Light Output: 500 Lumens (Main) 100 Lumens (Torch)**
- **Battery: 2500mAh Li-ion**
- **Operating Time: 3h (Main), 8h (Torch)**
- **Charging Time: 1h**
- **Rotating hanging hook and magnets for hands free operation**
- **Charging indicator**
- **Soft touch finish**

Part No.	Qty	Description
ERIL4200	1	Flexible Hand Lamp

RING 'MAGflex Slim' Fast Charge LED Hand Lamp

Dimensions when folded (H x W x D): 44 x 37 x 175 mm.
Supplied with Type-C USB cable and mains charging adaptor.

- **Light Output: 500 Lumens (Main) 100 Lumens (Torch)**
- **Battery: 2500mAh Li-ion**
- **Operating Time: 3h (Main), 8h (Torch)**
- **Charging Time: 1h**
- **Charging indicator**
- **Foldable**
- **Soft touch finish**

Part No.	Qty	Description
ERIL4300	1	Slimline Hand Lamp

Introducing the latest innovation in portable lighting technology: the new VISION range featuring wireless charging

Designed to provide convenience and reliability, these cutting-edge lighting solutions eliminate the hassle of traditional charging cables and allow you to charge up to two devices simultaneously with a separate charging pad.

With our wireless charging system you no longer need to fumble with tangled cords. Simply place your lamp or torch onto the magnetic charging pad and it will start charging. This efficient and user-friendly technology ensures that your lighting devices are always ready for use whenever you need them.

VISION lighting products are crafted from the highest quality materials, ensuring durability and long-lasting performance.

The wireless charging pad is available either separately or bundled with one of the products from the VISION wireless charging range and also charges compatible mobile phones.

VISION WIRELESS CHARGING

VISION WIRELESS CHARGING

PAD ALSO AVAILABLE BUNDLED WITH A VISION WIRELESS LAMP

EHLW400

EHLW410 EHLW420

VISION Fast Charging Pad

Supplied with 1m USB Type C cable and mains charging adaptor.

- **Input: USB-C Port: 5-12V DC, 20W**
- **Output: Max 10+5W per pad**
- **Charge Time: Approx 3.0-5.0 hours depending on battery pack**
- **Charges two devices simultaneously**
- **Works with compatible mobile phones**
- **IK08 shock resistance**
- **Strong magnets on the rear allow for easy mounting on magnetic surfaces as well as built-in screw holes for permanent mounting**

HOLDS & CHARGES WIRELESS ENABLED MOBILE PHONES

Part No.	Qty	Description
EHLW400	1	Fast Charging Pad
EHLW411	1 Kit	Spot Light + Pad
EHLW421	1 Kit	Slim Inspection Lamp + Pad
EHLW431	1 Kit	Adjustable Torch + Pad
EHLW441	1 Kit	Work Lamp/Flex Light + Pad

EHLW430 EHLW440

VISION WIRELESS CHARGING

VISION Wireless Charging Compact Spot Light

Supplied with 1m USB Type C cable and mains charging adaptor.

- Lamp LED 10W COB
- Lumen and work time: Low 250LM for 12 hours Medium 500LM for 6 hours High 1000LM for 3 hours
- Torch LED 3W
- Lumen and work time: 300LM for 9.5 hours
- Supports Wireless Charging
- Integrated Stand - lamp/torch can be positioned at a multitude of angles
- Powerful stand magnet for hands free use
- IP65 Ingress Protection Rating

EHLW411

Part No.	Qty	Description
EHLW410	1	Spot Light
EHLW411	1 Kit	Spot Light + Pad

VISION WIRELESS CHARGING

VISION Wireless Charging Slim Inspection Lamp

Supplied with 1m USB Type C cable and mains charging adaptor.

- Lamp LED 10W COB
- Lumen and work time: Low 200LM for 12 hours Medium 500LM for 6 hours High 1000LM for 3 hours
- Torch LED 2W
- Lumen and work time: 200LM for 9 hours
- Supports Wireless Charging
- Powerful Base Magnet for hands free use
- 250° horizontal and 150° vertical folding head
- IP54 Ingress Protection Rating

EHLW421

Part No.	Qty	Description
EHLW420	1	Slim Inspection Lamp
EHLW421	1 Kit	Slim Inspection Lamp + Pad

VISION WIRELESS CHARGING

EHLW431

VISION Wireless Charging Adjustable Beam Torch

Supplied with 1m USB Type C cable and mains charging adaptor.

- Lamp LED 10W
- Lumen and work time: Low 200LM for 12 hours Medium 450LM for 6 hours High 900LM for 3 hours
- Supports Wireless Charging
- Powerful Base Magnet for hands free use
- 180° swivel head
- IP54 Ingress Protection Rating

Part No.	Qty	Description
EHLW430	1	Adjustable Torch
EHLW431	1 Kit	Adjustable Torch + Pad

VISION WIRELESS CHARGING

EHLW441

VISION Wireless Charging Work Lamp/Flex Light

Supplied with 1m USB Type C cable and mains charging adaptor.

- Lamp LED 15W COB
- Lumen and work time: Low 300LM for 14 hours Medium 800LM for 7.5 hours High 1500LM for 3.5 hours
- Torch LED 3W
- Lumen and work time: 300LM for 16 hours
- Supports Wireless Charging
- Integrated Hook - lamp/torch can be positioned at a multitude of angles
- Powerful Rear Magnet for hands free use
- IP65 Ingress Protection Rating

Part No.	Qty	Description
EHLW440	1	Work Lamp/Flex Light
EHLW441	1 Kit	Work Lamp/Flex Light + Pad

VISION 1,000lm SMD Hand Lamp + UV Torch

Complete with USB charging lead, mains plug and car adapter.

- SMD Lamp provides 10W/1000 Lumens of white light
- 3W UV LED Torch provides 395 nm of UV light
- Integrated Hook and Stand - lamp/torch can be positioned at a multitude of angles
- 2 x Rear Magnets & Flexible Magnetic Base - position the lamp/torch with precision and accuracy

Part No.	Qty	Description
EHL301	1	Compact Hand Lamp + UV Torch

VISION 800lm COB Slimline Dimmable Inspection Lamp + Torch

Complete with USB charging lead, mains plug and car adapter.

- COB Lamp provides 10W/800 Lumens of white light
- 2W LED Torch provides 150 Lumens of white light
- Integrated Magnetic Stand and Hook - position the lamp/torch with precision and accuracy

Part No.	Qty	Description
EHL303	1	Slimline Dimmable Inspection Lamp + Torch

VISION 1,000lm COB Hand Lamp & Dock

Complete with USB charging lead, mains plug and car adapter. Wall mountable.

- COB Lamp provides 10W/1000 Lumens of white light
- 3W LED Torch provides 220 Lumens of white light
- Integrated Hook and stand - lamp/torch can be positioned at a multitude of angles
- 2 x Rear Magnets & Flexible Base - position the lamp/torch with precision and accuracy

Part No.	Qty	Description
EHL302	1	Hand Lamp + Charging Dock

VISION 2,700lm COB Work Light

Complete with USB charging lead, mains plug and car adapter.

- LED Lamp provides:
  100% position: approx 2.5 hours use
  50% position: approx 5.0 hours use
- USB Powerbank output socket 5V Max 1000mA

Part No.	Qty	Description
EWL102	1	Work Light

VISION

VISION
Zoom Focus
LED Mini Work Light

230V mains and 12V DC
in-vehicle charging adaptor included.

- **20W COB LED provides 1800 Lumens**
- **Dual mode - 50%/100% Lumen output**
- **Run time up to 6 hours**
- **USB Powerbank**
  - Output socket (5V Max. 2A)
- **Wet location use IP54**
- **Heavy duty cast aluminium housing**
- **Battery power indicator**
- **Magnetic base (available separately)**

Part No.	Qty	Description
EWL100	1	Cordless 20W Work Light
EWL101	1	Magnetic Clip-on Base

RING

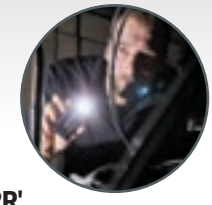
RING 50w
COB LED Work Light

Voltage: 100-230V AC. Includes 3 m mains cable.
Adjustable floor stand and carry handle.

- **COB LED provides 3200 lumens of light output to illuminate work area clearly**
- **Provides a pure white light that replicates natural daylight**
- **Wide angle of light output that has uniform intensity for greater coverage of the work area**
- **Tough robust die cast aluminium and tempered glass construction to withstand the robust working condition in a workshop**
- **Construction has an Ingress Protection rating of IP65 that protects from total dust and from low pressure water jet ingress making it suitable for indoor and outdoor use**
- **Cool operating temperature for comfort and safety**

Part No.	Qty	Description
ERWL50	1	50W COB Work Light

LEDLENSER



LEDLENSER 'iF2R'
200lm Rechargeable
LED Work Light and Torch

IP54 rating. 7-year warranty.
Provides convenient lighting for tight spaces or for illuminating small areas. Position in different ways with the base, hook and magnet.
Supplied with magnetic charging cable.

- **3 modes: Power Flood (200lm), Low Power Flood (100lm) and Power Spot (75lm)**
- **Perfect for workshops or sites**
- **Equipped with a small spotlight to use as a torch**
- **Adjustable base, magnet and hook for mounting and positioning flexibility**

Part No.	Qty	Description
EHLF2R	1	200lm Rechargeable LED Work Light

LEDLENSER

LEDLENSER 'iF3R'
1,000lm Rechargeable
LED Work Light

IP54 rating. 7-year warranty.
Supplied with magnetic charging cable.

- **2 Modes: Power (1000lm) , Low Power (100lm)**
- **Compact design: only 14 cm long**
- **On the lowest setting it wil run for up to 15 hours**
- **Charges via magnetic charge system, so it's even waterproof when the ports aren't covered (IP54)**
- **Small worklight with outstanding light output**
- **Adjustable base, magnet and hook for flexible mounting and positioning**

Part No.	Qty	Description
EHLF3R	1	1,000lm Rechargeable LED Work Light

RING

RING
10W COB
LED Work Light

Voltage: 100-230V AC.
Includes 3 m mains cable.
Adjustable floor stand and carry handle.

- **Provides 800 Lumens of light output**
- **Wide angle, uniform intensity lighting replicating daylight**
- **Tough robust design**
- **Cool operating temperature**

Part No.	Qty	Description
ERWL10	1	10W COB Work Light

LED Adjustable Work Lamp - 6" Rectangular

IP67. EMC approved. Housing: Aluminium.
Lens: Acrylic. Stainless steel mounting bracket

- 8 x High Performance LEDs
- 24 Watt/1680 Lumens
- Can be used as standard or side mount with swivel function

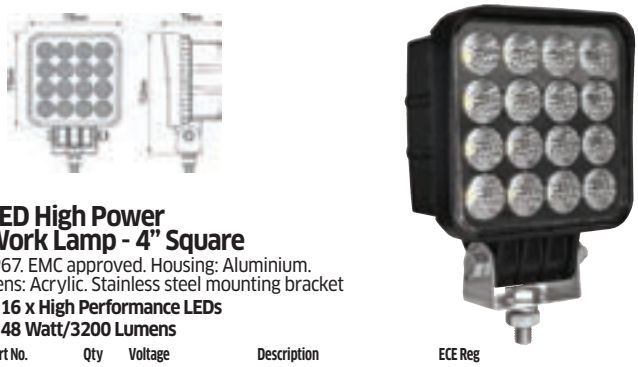
Part No.	Qty	Voltage	Description	ECE Reg
EBW6	1	12-28V	6" Adjustable	-

LED Magnetic Work Lamp - 4" Round

IP67. EMC approved. Housing: Aluminium. Lens: Acrylic.
Supplied with 9.5M cable with switched in-vehicle adaptor.

- 6 x High Performance LEDs
- 18 Watt/1350 Lumens
- Magnetic Base
- Shock Resistant

Part No.	Qty	Voltage	Description	ECE Reg
EBW1	1	12-28V	4" Round	10



LED High Power Work Lamp - 4" Square

IP67. EMC approved. Housing: Aluminium.
Lens: Acrylic. Stainless steel mounting bracket

- 16 x High Performance LEDs
- 48 Watt/3200 Lumens

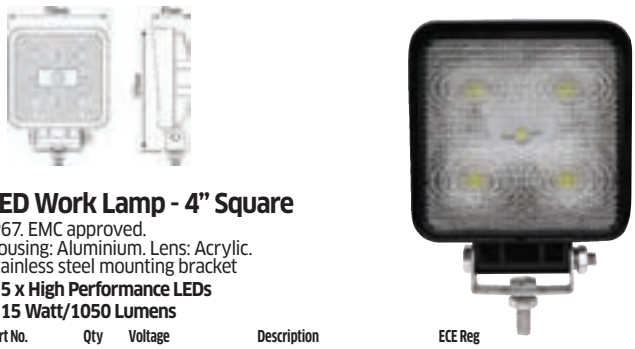
Part No.	Qty	Voltage	Description	ECE Reg
EBW5	1	12-28V	4" Square	10

LED Work Lamp - 6" Oval

IP67. EMC approved. Housing: Aluminium.
Lens: Polycarbonate.
Stainless steel mounting bracket.

- 6 x High Performance LEDs
- 18 Watt/1350 Lumens

Part No.	Qty	Voltage	Description	ECE Reg
EBW3	1	12-28V	6" Oval	10



LED Work Lamp - 4" Square

IP67. EMC approved.
Housing: Aluminium. Lens: Acrylic.
Stainless steel mounting bracket

- 5 x High Performance LEDs
- 15 Watt/1050 Lumens

Part No.	Qty	Voltage	Description	ECE Reg
EBW2	1	12-28V	4" Square	10

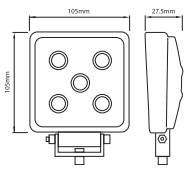
LED Work Lamp - 5" Rectangular

IP67. EMC approved. Housing: Aluminium.
Lens: Polycarbonate. Stainless steel mounting bracket.

- 6 x High Performance LEDs
- 18 Watt/1350 Lumens

Part No.	Qty	Voltage	Description	ECE Reg
EBW4	1	12-28V	5" Rectangular	10

RING



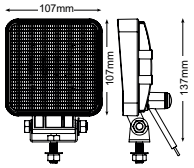
RING 15W LED Square Work Lamp - 105 mm

IP67. Certification: ECE R10. Cable length 300 mm.
Housing: Thermoplastic. Lens: Polycarbonate.

- 750 Lumens
- 5 x 3W LEDs
- Lightweight

Part No.	Qty	Voltage	Description	ECE Reg
ERCV9608	1	10-30V	105 mm Square	R10

RING



RING 15W LED Square Work Lamp with Switch

IP67. Certification: ECE R10.
Cable length 300 mm.
Housing: Aluminium. Lens: Polycarbonate.

- 5 x 3W LEDs
- Integrated switch
- Colour temperature: 5600K

Part No.	Qty	Voltage	Description	ECE Reg
ERCV9607	1	10-30V	107 mm Square	R10

LAP ELECTRICAL Halogen Rotating Beacon - DIN Pole Mount

IP56. Robust design. Reverse polarity protection.
-30°C to + 50°C extreme temperature reliability.
Takes H1 halogen bulb (NOT included).

Part No.	Qty	Colour	Voltage	ECE Reg
EBC104	1	Amber	12/24V	R65

LAP ELECTRICAL Halogen Rotating Beacon - Single Point

IP56. Robust design. Reverse polarity protection.
-30°C to + 50°C extreme temperature reliability.
Takes H1 halogen bulb (NOT included).

Part No.	Qty	Colour	Voltage	ECE Reg
EBC101	1	Amber	12/24V	R65

LAP ELECTRICAL Halogen Rotating Beacon - 3 Point

IP56. Robust design.
Reverse polarity protection.
-30°C to + 50°C extreme temperature reliability.
Takes H1 halogen bulb (NOT included).

Part No.	Qty	Colour	Voltage	ECE Reg
EBC103	1	Amber	12/24V	R65

LAP ELECTRICAL Halogen Rotating Beacon - Magnetic Base

IP56. Robust design. Reverse polarity protection.
-30°C to + 50°C extreme temperature reliability. Takes H1 halogen bulb (NOT included).

- **70 mph rated magnet**

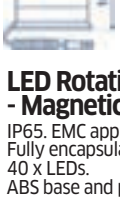
Part No.	Qty	Colour	Voltage	ECE Reg
EBC102	1	Amber	12/24V	R65

Halogen Rotating Beacon - 3 Point

EMC approved (ECE R10).
Reverse polarity protection.
-15°C to +40°C extreme temperature reliability.
Maintenance free worm drive mechanism. Supplied with 12V and 24V H1 halogen bulbs.

- **Ideal for Refuse Trucks, Agriculture Plant & Contracting**

Part No.	Qty	Colour	Voltage	ECE Reg
EBC203	1	Amber	12/24V	R65



LED Rotating Beacon - Magnetic Base

IP65. EMC approved (ECE R10).
Fully encapsulated electronics.
40 x LEDs.
ABS base and polycarbonate lens.

- **40mph rated magnet**
- **3 x Flash patterns - Simulated rotating, double flash and quad flash.**

Part No.	Qty	Colour	Voltage	ECE Reg
EBC302	1	Amber	12/24V	R65

LED Rotating Beacon - Single Point

IP65. EMC approved (ECE R10).
Fully encapsulated electronics. 40 x LEDs.
ABS base and polycarbonate lens.

- **3 x Flash patterns - Simulated rotating, double flash and quad flash.**

Part No.	Qty	Colour	Voltage	ECE Reg
EBC301	1	Amber	12/24V	R65

LED Rotating Beacon - Flexi DIN Pole Mount

IP65. EMC approved (ECE R10).
Fully encapsulated electronics.
40 x LEDs.
ABS base and polycarbonate lens.

- **3 x Flash patterns - Simulated rotating, double flash and quad flash.**

Part No.	Qty	Colour	Voltage	ECE Reg
EBC305	1	Amber	12/24V	R65

LED Rotating Beacon - 3 Point

IP65. EMC approved (ECE R10).
Fully encapsulated electronics.
40 x LEDs.
ABS base and polycarbonate lens.

- **3 x Flash patterns - Simulated rotating, double flash and quad flash.**

Part No.	Qty	Colour	Voltage	ECE Reg
EBC303	1	Amber	12/24V	R65
EBC303G	1	Green	12/24V	R65

RING

RING 'Truck Master' LED Amber Mini Bar - Magnetic Mount

60 MPH speed rating. Reg 65 compliant. IP67 rated.
20 x programmable patterns. 2.4 m cable.
In-vehicle power adaptor with flash and on/off switch included.
Dimensions (H x W x D): 41 x 251 x 170 mm. 3 years warranty.

Part No.	Qty	DC Voltage	Watts
ERCV9822	1	9-30V	40W

RING

RING LED Amber Mini Lightbar Single Bolt Mount

Reg 65 compliant. IP67 rated.
40 x 1 W LED. 5 m cable. 3 years warranty.

Part No.	Qty	DC Voltage	Watts
ERCV9761	1	10-30V	20W

LED Interior Lamp - 18 x SMD LED 3W

Lamp material: Aluminium. Lens material: Acrylic.
Supplied with stainless steel fixings

- **On/Off switch**

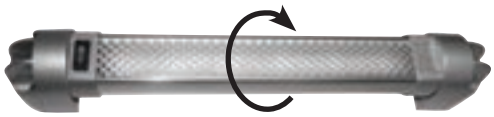
Part No.	Qty	Width x Length	12-24V	Lumens
EBL270	1	28 x 266 mm	12-24V	380

LED Interior Lamp - 45 x SMD LED 6W

Lamp material: Aluminium. Lens material: Acrylic.
Supplied with stainless steel fixings

- **On/Off switch**

Part No.	Qty	Width x Length	Voltage	Lumens
EBL570	1	28 x 570 mm	12-24V	900



LED Interior Swivel Lamp - 6 x LED 6W

Lamp material: Aluminium. Lens material: Acrylic.
Supplied with stainless steel fixings and 400 mm cable.

- **On/Off switch**
- **Lens swivels 180°**

Part No.	Qty	Depth x Length	Voltage	Lumens
EBL330	1	51 x 327 mm	12-24V	600

RING

RING 'TruckMaster' Baton LED Strip Light

Dimensions (H x W): 33 x 19 mm.

Part No.	Qty	Width	DC Voltage	Lumens
ERCV5012	1	300 mm	12/24V	400
ERCV5013	1	600 mm	12/24V	800

Heater Tip Over Safety Cut Out Switch

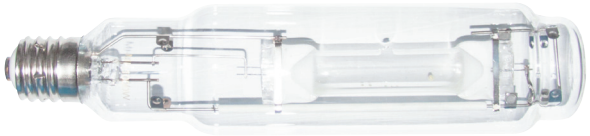
16A, 250VAC. Turns a heater off if turned over.

Part No.	Qty	Description
EC15	1	Safety Cut Out Switch

Metal-Halide Bulbs

Giant Edison screw cap (40 mm).
Provides 10,000 hours of "Day Light" (10 Years).

Part No.	Qty	Watts	Output	Cap	Dia x Length
EMH250	1	250W	4200K	GES/E40	46 x 255 mm
EMH400	1	400W	4200K	GES/E40	46 x 273 mm



Metal-Halide Bulbs

Giant Edison screw cap (40 mm). Dia x Length: 76 x 335 mm.
Provides 10,000 hours of "Day Light" (10 Years).
Suits VT-1 type tower lights.

Part No.	Qty	Watts	Output	Cap
EMH1000	1	1000W	4200K	GES/E40

Fluorescent Hand Lamp - Replacement Tube

4 Pin type.

Part No.	Qty	Description
EHL640	1	11W Replacement Tube

Fluorescent Tube - Single

Suits BEDSONS 'Smartlamp'.

Part No.	Qty	Wats	Length
EHL55	1	8W	12"

Halogen Bulbs

Size 12 x 117 mm. Base R7S for general lighting.

Part No.	Qty	Volts	Watts
EHL30	1	240V	230W
EHL12	1	240V	400W
EHL29	1	110V	500W

LED Classic Bulbs - Edison Screw

E27 Cap. 60W equivalent. Colour Temperature: 4,000K (Daylight). NOT dimmable.

- **A+ rated**
- **30% energy saving of CFLs**
- **Double lifetime of CFLs, 15,000 hours**

Part No.	Qty	Voltage	Watts
EHLED4A	1	240V	10W
EHLED4	10	240V	10W

LED Classic Bulbs - Standard Bayonet Cap

B22 Cap (SBC). 60W equivalent.
Colour Temperature: 4,000K (Daylight). NOT dimmable.

- **A+ rated**
- **30% energy saving of CFLs**
- **Double lifetime of CFLs, 15,000 hours**

Part No.	Qty	Voltage	Watts
EHLED6A	1	240V	10W
EHLED6	10	240V	10W

RING

RING Hand Lamp Bulbs

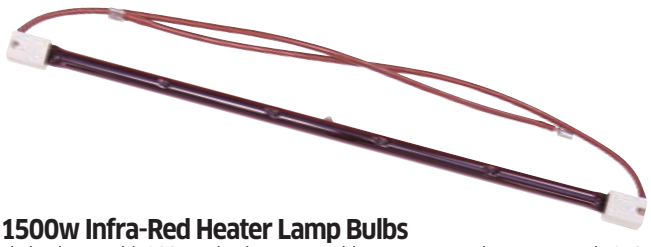
Pearl glass. Small bayonet cap (SBC).

Part No.	Qty	Volts	Watts
EHL805	10	12V	12W
EHL810	10	12V	24W

1400w Infra-Red Heater Lamp Bulbs

R7S Push in type. For use with most common heaters. Length: 350 mm.

Part No.	Qty	Voltage
EH1	1	110V
EH2	1	240V



1500w Infra-Red Heater Lamp Bulbs

Fly lead type with 300 mm leads. For use with most common heaters. Length: 350 mm.

Part No.	Qty	Voltage
EH3	1	110V
EH4	1	240V

Ceramic Terminal Block

76A, 450V. Temperature rating: 500°C.

Part No.	Qty	Type	Cable Size
ETB50	1	2 Pole	16 mm^2

R7S Ceramic Lamp Holder

600V, 1500W, 5KV Pulse Rated. Suits Part No.s EH1 & EH2.

Part No.	Qty	Description
ETB51	1	Ceramic Lamp Holder

R7S Metal Lamp Holder

Suits Part No.s EH1 & EH2

Part No.	Qty	Description
ETB52	1	R7S Metal Lamp Holder

NEOLUX®
GERMAN TECHNOLOGY

H1 Cap P14.5s
NEOLUX Halogen Headlamps

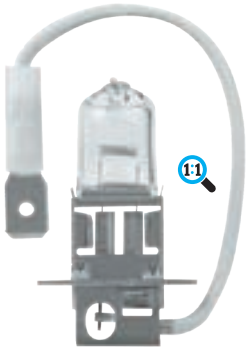
Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB448	10	12V 55W	E	H1
EB466	10	24V 70W	E	H1

NEOLUX®
GERMAN TECHNOLOGY

HB3 Cap P20d
NEOLUX Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB9005	10	12V 60W	E	HB3

NEOLUX®
GERMAN TECHNOLOGY



H3 Cap PK22s
NEOLUX Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB453	10	12V 55W	E	H3
EB460	10	24V 70W	E	H3

NEOLUX®
GERMAN TECHNOLOGY

HB4 Cap P22d
NEOLUX Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB9006	10	12V 51W	E	HB4

NEOLUX®
GERMAN TECHNOLOGY

H7 Cap Px26d
NEOLUX Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB477	10	12V 55W	E	H7
EB474	10	24V 70W	E	H7

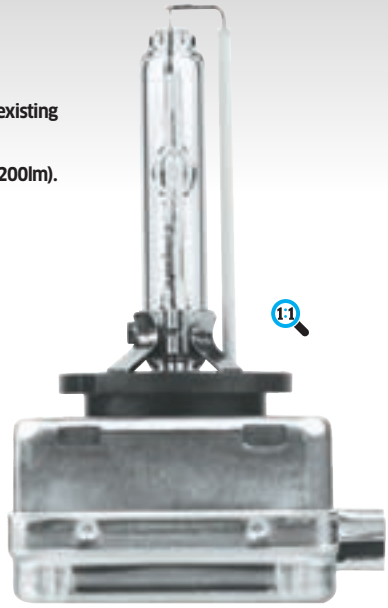
NEOLUX®
GERMAN TECHNOLOGY

H4 Cap P43t
NEOLUX Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB472	10	12V 60/55W	E	H4
EB475	10	24V 75/70W	E	H4

NEOLUX®
GERMAN TECHNOLOGY

- Direct replacement for existing Gas Discharge Bulbs.
- Long life - 2500 hours.
- High luminance (nom 3200lm).
- 'E' approved.



D1S Cap PK32d-2
NEOLUX HID
Gas Discharge Bulbs

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB85402	1	85V 35W	E	D1S

NEOLUX®
GERMAN TECHNOLOGY

- Direct replacement for existing Gas Discharge Bulbs.
- Long life - 2500 hours.
- High luminance (nom 3200lm).
- 'E' approved.

D2S Cap P32d-2
NEOLUX HID
Gas Discharge Bulbs

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB85122	1	85V 35W	E	D2S

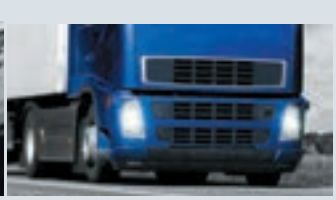
1:1 Actual Size Images

NEOLUX®
GERMAN TECHNOLOGY

NEOLUX offer a broad range of vehicle lamps produced with high quality standards for price-conscious customers. In considering the needs of their customers, NEOLUX applies German technology standards at all stages of the supply chain. For more than 90 years, NEOLUX has been providing excellent value for money products.

NEOLUX automotive bulbs are specified in accordance with strict German quality standards and comply with ECE R37 respectively and R99 as far as relevant.

NEOLUX halogen bulbs conform to ECE R37 and ECE R99 regulations, making them approved for use across Europe and many other countries around the world which have agreed to follow UNECE 1958 agreement. Thanks to an innovative design, NEOLUX halogen bulbs surpass ECE safety regulations for UV radiation. They are suitable for the most types of headlights with glass or plastic lenses.



NEOLUX®
GERMAN TECHNOLOGY

P21W Cap BA15d
NEOLUX Stop, Flasher, Reverse Lamps

SBC.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB346	10	24V 21W	E	P21W

NEOLUX®
GERMAN TECHNOLOGY

P21W Cap BA15s
NEOLUX Stop, Flasher, Reverse Lamps

SCC.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB382	10	12V 21W	E	P21W
EB241	10	24V 21W	E	P21W

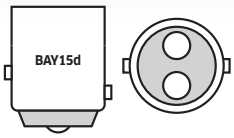
NEOLUX®
GERMAN TECHNOLOGY

PY21W Cap BAU15s
NEOLUX Stop, Flasher, Reverse Lamps

Off Set Pin (SCC).

Part No.	Qty	Volts/Watts	Colour	E Mark	ECE No.
EB581	10	12V 21W	Amber	E	PY21W

NEOLUX®
GERMAN TECHNOLOGY

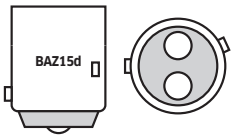


P21/5W Cap BAY15d
NEOLUX Stop/Tail Lamps

OSP Index (SBC).

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB380	10	12V 21/5W	E	P21/5W
EB334	10	24V 24/6W		-

NEOLUX®
GERMAN TECHNOLOGY



P21/4W Cap BAZ15d
NEOLUX Fog/Tail Lamps

SBC Index.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB566	10	12V 21/4W	E	P21/4W

NEOLUX®
GERMAN TECHNOLOGY

W2.1 x 9.5d
NEOLUX Side and Tail Lamps

Wedge Base.

Part No.	Qty	Volts/Watts		E Mark	ECE No.
EB501	10	12V 5W		E	W5W
EB501A	10	12V 5W	Amber	E	WY5W
EB507	10	24V 5W		E	W5W

NEOLUX®
GERMAN TECHNOLOGY

Cap BA15s
NEOLUX Side and Tail Lamps

SCC.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB207	10	12V 5W	E	R5W
EB245	10	12V 10W	E	R10W
EB149	10	24V 5W	E	R5W

NEOLUX®
GERMAN TECHNOLOGY

Cap BA9s
NEOLUX Side and Tail Lamps

MCC.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB233	10	12V 4W	E	T4W
EB249	10	24V 4W	E	T4W

NEOLUX®
GERMAN TECHNOLOGY

R5W Cap BA15d
NEOLUX Side and Tail Lamps

SBC.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB209	10	12V 5W	E	R5W
EB150	10	24V 5W	E	R5W

NEOLUX®
GERMAN TECHNOLOGY

S8.5d
NEOLUX Festoon

Part No.	Qty	Volts/Watts	Size (mm)	E Mark	ECE No.
EB239	10	12V 5W	11 x 38		C5W
EB269	10	12V 10W	11 x 30		-
EB264	10	12V 10W	11 x 44		-
EB242	10	24V 5W	11 x 38		C5W

NEOLUX®
GERMAN TECHNOLOGY

W2.3W x 4.6d
NEOLUX Wedge Base Panel Lamps

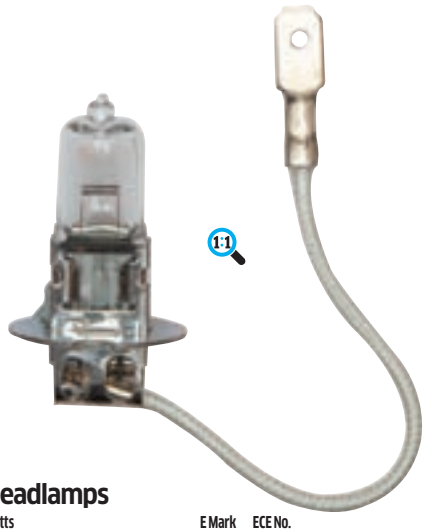
Wedge Base.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EB286	10	12V 1.2W		-
EB508	10	24V 1.2W		-

1:1 Actual Size Images

H1 Cap P14.5s
EUROLEC Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EUB448	10	12V 55W	E	H1
EUB466	10	24V 70W	E	H1



H3 Cap PK22s
EUROLEC Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EUB453	10	12V 55W	E	H3
EUB460	10	24V 70W	E	H3

H7 Cap Px26d
EUROLEC Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EUB499	10	12V 55W	E	H7
EUB474	10	24V 70W	E	H7

HB3 Cap P20d
EUROLEC Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EUB9005	10	12V 60W	E	HB3

HB4 Cap P22d
EUROLEC Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EUB9006	10	12V 51W	E	HB4

EUROLEC

H4 Cap P43t EUROLEC Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EUB472	10	12V 60/55W	E	H4
EUB475	10	24V 75/70W	E	H4

EUROLEC

- Direct replacement for existing Gas Discharge Bulbs.
- Long life - 2500 hours.
- High luminance (nom 3200lm).
- 'E' approved.

D1S Cap PK32d-2 EUROLEC HID Gas Discharge Bulbs

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EUB85402	1	85V 35W	E	D1S

EUROLEC

- Direct replacement for existing Gas Discharge Bulbs.
- Long life - 2500 hours.
- High luminance (nom 3200lm).
- 'E' approved.

D2S Cap P32d-2 EUROLEC HID Gas Discharge Bulbs

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EUB85122	1	85V 35W	E	D2S

EUROLEC

D2R Cap P32d-3 EUROLEC HID Gas Discharge Bulbs

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EUB85126	1	85V 35W	E	D2R

EUROLEC

1:1 Actual Size Images

Autolamps

P21W Cap BA15d
AUTOLAMPS
Stop, Flasher, Reverse Lamps

SBC.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EP335	10	12V 21W	E	P21W
EP346	10	24V 21W	E	P21W

EUROLEC

P21W Cap BA15s
EUROLEC
Stop, Flasher, Reverse Lamps

SCC.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EU382	10	12V 21W	E	P21W
EU241	10	24V 21W	E	P21W

Autolamps

P21W Cap BA15s
AUTOLAMPS
Stop, Flasher, Reverse Lamps

SCC.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EP339	10	24V 24W		-

EUROLEC

PY21W Cap BAU15s
EUROLEC
Stop, Flasher, Reverse Lamps

Off Set Pin (SCC).

Part No.	Qty	Volts/Watts	Colour	E Mark	ECE No.
EU581	10	12V 21W	Amber	E	PY21W

EUROLEC

P21/5W Cap BAY15d
EUROLEC
Stop/Tail Lamps

OSP Index (SBC).

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EU380	10	12V 21/5W	E	P21/5W
EU334	10	24V 21/5W	E	P21/5W

EUROLEC

P21/4W Cap BAZ15d
EUROLEC
Fog/Tail Lamps

SBC Index.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EU566	10	12V 21/4W	E	P21/4W

EUROLEC

1:1 Actual Size Images

EUROLEC

W2.1 x 9.5d EUROLEC Side and Tail Lamps

Wedge Base.

Part No.	Qty	Volts/Watts		E Mark	ECE No.
EU501	10	12V 5W		E	W5W
EU501A	10	12V 5W	Amber	E	WY5W
EU507	10	24V 5W		E	W5W

EUROLEC

Cap BA15s EUROLEC Side and Tail Lamps

SCC.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EU207	10	12V 5W	E	R5W
EU245	10	12V 10W	E	R10W
EU149	10	24V 5W	E	R5W

EUROLEC

Cap BA9s EUROLEC Side and Tail Lamps

MCC.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EU233	10	12V 4W	E	T4W
EU249	10	24V 4W	E	T4W

Autolamps

R5W Cap BA15d AUTOLAMPS Side and Tail Lamps

SBC.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EP209	10	12V 5W	E	R5W

EUROLEC

R5W Cap BA15d EUROLEC Side and Tail Lamps

SBC.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
EU150	10	24V 5W	E	R5W

EUROLEC

S8.5d EUROLEC Festoon

Part No.	Qty	Volts/Watts	Size (mm)	ECE No.
EU239	10	12V 5W	11 x 38	C5W
EU269	10	12V 10W	11 x 30	C10W
EU242	10	24V 5W	11 x 38	C5W

Autolamps

S8.5d AUTOLAMPS Festoon

Part No.	Qty	Volts/Watts	Size (mm)	ECE No.
EP269	10	12V 10W	11 x 30	-

EUROLEC

W2.3W x 4.6d EUROLEC Wedge Base Panel Lamps

Wedge Base.

Part No.	Qty	Volts/Watts	ECE No.
EU286	10	12V 1.2W	-
EU508	10	24V 1.2W	-

Autolamps

Cap B8.5D AUTOLAMPS Printed Circuit Board Base

Part No.	Qty	Volts/Watts	Colour	ECE No.
EP286T	10	12V 1.2W	Black	-

Autolamps

H3 Cap PK22s
RING Halogen Headlamps

Part No.	Qty	Volts/Watts		E Mark	ECE No.
ER453	1	12V 55W		E	H3
ER453N	10	12V 55W		E	H3
ER460	1	24V 70W		E	H3
ER460N	10	24V 70W		E	H3
ER442	1	48V 45W	(for Fork Lift Truck)		-
ER443	1	80V 55W	(for Fork Lift Truck)		-

H7 Cap Px26d
RING Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ER477	1	12V 55W	E	H7
ER477N	10	12V 55W	E	H7
ER474	1	24V 70W	E	H7
ER474N	10	24V 70W	E	H7

H7 Cap Px26d
RING 'Xenon150' Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ERW1577	2	12V 55W	E	H7

H7 Cap Px26d
RING Fog Light Upgrade LED Bulbs

Ice White LED fog light. HID Xenon look.

Part No.	Qty	Volts/Watts	Colour Temp	ECE No.
ERW477FLED	2	12V 2W	6000K	H7

RING 'Xenon150' Performance Bulbs

- Provides up to 150% more light on the road
- All upgrade bulbs are street legal 'E' approved
- No additional wiring or switches required
- Produces exceptional night driving performance
- Allows more time to react to potential hazards, better reflections from road markings and signs

H1 Cap P14.5s
RING Halogen Headlamps

Part No.	Qty	Volts/Watts		E Mark	ECE No.
ER448	1	12V 55W		E	H1
ER448N	10	12V 55W		E	H1
ER448EQ	1	12V 55W	(Spot)	E	H1
ER466	1	24V 70W		E	H1
ER466N	10	24V 70W		E	H1

H4 Cap P43t
RING Halogen Headlamps

Part No.	Qty	Volts/Watts		E Mark	ECE No.
ER472	1	12V 60/55W		E	H4
ER472N	10	12V 60/55W		E	H4
ER473	1	12V 100/55W	(for Off Road Use)		-
ER475	1	24V 75/70W		E	H4
ER475N	10	24V 75/70W		E	H4

H1 Cap P14.5s
RING 'Xenon150' Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ERW1548	2	12V 55W	E	H1

H4 Cap P43t
RING 'Xenon150' Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ERW1572	2	12V 55W	E	H4

1:1 Actual Size Images

HB3 Cap P20d
RING Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ER9005	1	12V 60W	E	HB3

H8 Cap PGJ19-1
RING Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ER708	1	12V 35W	E	H9

HB4 Cap P22d
RING Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ER9006	1	12V 51W	E	HB4

H4 Halogen
Conversion Cap P45t (UEC)
RING Headlamps

For 410 and 429 type bulbs.

Part No.	Qty	Volts/Watts	ECE No.
ER12	1	12V 60/55W	-
ER24	1	24V 75/70W	-

1:1 Actual Size Images

H9 Cap PGJ19-5
RING Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ER709	1	12V 65W	E	H9

H11 Cap PGJ19-2
RING Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ER711	1	12V 55W	E	H11

RING Asymmetric Headlamps - Cap P45t (UEC)

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ER410	10	12V 45/40W	E	R2
ER429	10	24V 55/50W	E	R2

H11 Cap PGJ19-2
RING 'Xenon150' Halogen Headlamps

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ERW1511	2	12V 55W	E	H11

1:1 Actual Size Images

RING Standard Headlamps - Cap BA20d (Bosch Type Fitting)

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ER395	1	12V 35/35W	E	S2

RING HID Gas Discharge Bulbs - D2S Cap P32d-2

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ER85122	1	85V 35W	E	D2S

RING HID Gas Discharge Bulbs - D1S Cap PK32d-2

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ER85402	1	85V 35W	E	D1S

RING HID Gas Discharge Bulbs - D2R Cap P32d-3

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ER85126	1	85V 35W	E	D2R

1:1 Actual Size Images

RING
Stop, Flasher, Reverse Lamps - P21W Cap BA15d

SBC.

Part No.	Qty	Volts/Watts		E Mark	ECE No.
ERB335	10 x 1	12V 21W		E	P21W
ER335	10	12V 21W		E	P21W
ERB346	10 x 1	24V 21W		E	P21W
ER346	10	24V 21W		E	P21W
ER291	10	24V 21W	Heavy Duty	E	P21W

RING
Stop, Flasher, Reverse Lamps - W21W W3 x 16d

Part No.	Qty	Volts/Watts		E Mark	ECE No.
ERB582	10 x 1	12V 21W		E	W21W
ER582	10	12V 21W		E	W21W
ERB585	10 x 1	12V 21W	Amber	E	WY21W
ER585	10	12V 21W	Amber	E	WY21W

RING
Stop, Flasher, Reverse Lamps - P21W Cap BA15s

SCC.

Part No.	Qty	Volts/Watts	Colour	ECE No.
ERB343	10 x 1	12V 21W	Amber	-
ER343	10	12V 21W	Amber	-

RING
Stop, Flasher, Reverse Lamps - P21W Cap BA15s

SCC.

Part No.	Qty	Volts/Watts		E Mark	ECE No.
ERB382	10 x 1	12V 21W		E	P21W
ER382	10	12V 21W		E	P21W
ERB241	10 x 1	24V 21W		E	P21W
ER241	10	24V 21W		E	P21W
ER290	10	24V 21W	Heavy Duty	E	P21W
ER339	10	24V 24W			-
ER345	10	28V 26W	Long Life		-

RING LED Bulbs
Stop, Flasher, Reverse -P21W Cap BA15s

SCC. Ice White LED light.
Illuminates quicker than a standard bulb.

Part No.	Qty	Volts/Watts	Colour Temp	ECE No.
ERW382LED	2	12V 4W	6000K	P21W
ERB2416LED	1	24V 4W	6000K	P21W

RING
Stop, Flasher, Reverse Lamps - PY21W Cap BAU15s

Off Set Pin (SCC).

Part No.	Qty	Volts/Watts	Colour	E Mark	ECE No.
ERB581	10 x 1	12V 21W	Amber	E	PY21W
ER581	10	12V 21W	Amber	E	PY21W
ER588	10	24V 21W	Amber	E	PY21W

RING
Stop/Tail Lamps
- W21/5W W3 x 16q

Part No.	Qty	Volts/Watts		E Mark	ECE No.
ERB580	10 x 1	12V 21/5W		E	W21/5W
ER580	10	12V 21/5W		E	W21/5W

RING
Fog/Tail Lamps
- P21/4W Cap BAZ15d

SBC Index.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ERB566	10 x 1	12V 21/4W	E	P21/4W
ER566	10	12V 21/4W	E	P21/4W
ER567	10	24V 21/4W	E	P21/4W

RING
Stop (High Level Brake Lamp), Reverse Lamp - Cap W16W, W2.1x9.5d Capless

Part No.	Qty	Volts/Watts		E Mark	ECE No.
ER921	10	12V 21CP (Candle Power)			-
ERB955	10 x 1	12V 16W		E	W16W
ER955	10	12V 16W		E	W16W

RING
Stop/Tail Lamps
- P21/5W Cap BAY15d

OSP Index (SBC).

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ERB380	10 x 1	12V 21/5W	E	P21/5W
ER380	10	12V 21/5W	E	P21/5W
ERB294	10 x 1	24V 21/5W	E	P21/5W
ER294	10	24V 21/5W	E	P21/5W
ER334	10	24V 24/6W		-

RING
Side and Tail Lamps
- R5W Cap BA15d

Part No.	Qty	Volts/Watts		E Mark	ECE No.
ERB209	10 x 1	12V 5W		E	R5W
ER209	10	12V 5W		E	R5W
ERB150	10 x 1	24V 5W		E	R5W
ER150	10	24V 5W		E	R5W
ER247	10	24V 5W	Heavy Duty	E	R5W
ER875	10	28V 7W	Long Life		-

RING Stop/Tail LED Bulbs
- P21/5W Cap BAY15d

OSP Index (SBC). Ice White LED light.
Illuminates quicker than a standard bulb.

Part No.	Qty	Volts/Watts	Colour Temp	ECE No.
ERW380LED	2	12V 4W	6000K	P21/5W

1:1 Actual Size Images

RING
Stop/Tail Lamps
- Cap P27/7W W2.5x16q

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ER180	10	12V 27/7W	E	P27/7W

RING
Stop/Tail Lamps
- P21/5W Cap BA15d

SBC.

Part No.	Qty	Volts/Watts	ECE No.
ER381	10	12V 21/5W	-

RING
Panel and Indicator Bulbs
- Cap G11 E10/E13

MES (Miniature Edison Screw).

Part No.	Qty	Volts/Watts	ECE No.
ER987	10	12V 2.2W	-

RING
Side and Tail Lamps
- Cap BA15s

SCC.

Part No.	Qty	Volts/Watts		E Mark	ECE No.
ERB207S	10 x 1	12V 5W		E	R5W
ER207	10	12V 5W		E	R5W
ERB245S	10 x 1	12V 10W		E	R10W
ER245	10	12V 10W		E	R10W
ERB149	10 x 1	24V 5W		E	R5W
ER149	10	24V 5W		E	R5W
ER248	10	24V 5W	Heavy Duty	E	R5W
ERB246	10 x 1	24V 10W		E	R10W
ER246	10	24V 10W		E	R10W
ER295	10	24V 10W	Heavy Duty	E	R10W
ER874	10	28V 7W	Long Life		-

RING Side and Tail LED Bulbs
- Cap BA15s

SCC. Ice White LED Light.

Part No.	Qty	Volts/Watts	Light Temp	ECE No.
ERW207LED	2	12V 3W	6000K	R5W
ERB1496LED	1	24V 2W	6000K	R5W

1:1 Actual Size Images

RING Side and Tail Lamps - W2.1 x 9.5d

Wedge Base.

Part No.	Qty	Volts/Watts		E Mark	ECE No.
ERB504	10 x 1	12V 3W		E	W3W
ER504	10	12V 3W		E	W3W
ERB501	10 x 1	12V 5W		E	W5W
ER501	10	12V 5W		E	W5W
ERB501A	10 x 1	12V 5W	Amber	E	WY5W
ER501A	10	12V 5W	Amber	E	WY5W
ERB505	10 x 1	24V 3W		E	W3W
ER505	10	24V 3W		E	W3W
ERB507	10 x 1	24V 5W		E	W5W
ER507	10	24V 5W		E	W5W

RING T10 Wedge LED Resistor Kit

For 501-W5W LED bulbs.
Plug and play resistor kit for vehicles with bulb failure warning system.

Part No.	Qty	Description	Volts
ELED501RES	2	LED Resistor Kit	12V

RING 'Ice White' LED Bulb - W2.1 x 9.5d

Wedge base. Filament style LED with ice white light output.

Part No.	Qty	Volts	Colour Temp	ECE No.
ERB5076FSLED	1	24V	6000K	W5W

RING 'Ice White' LED Bulb - W2.1 x 9.5d

Wedge base. Filament syle LED with ice white light output.

Part No.	Qty	Volts/Watts	Colour Temp	ECE No.
ERB5076LED	1	24V 3W	6000K	W5W

RING 'Cool Blue' LED Bulbs - W2.1 x 9.5d

Cool blue light. Wedge base.

Part No.	Qty	Volts/Watts	Light Temp	ECE No.
ERW50112LED	2	12V 1W	12000K	W5W

RING 'Cool White' LED Bulbs - W2.1 x 9.5d

Cool white light. Wedge base.

Part No.	Qty	Volts/Watts	Light Temp	ECE No.
ERW5014LED	2	12V 1W	4000K	W5W

RING 'Ice White' LED Bulbs - W2.1 x 9.5d

Ice white light. Wedge base.

Part No.	Qty	Volts/Watts	Light Temp	ECE No.
ERW5016LED	2	12V 1W	6000K	W5W

RING 'Ice White' LED Bulbs - W2.1 x 9.5d

Wedge base. Filament style LED with ice white light output.

Part No.	Qty	Volts	Colour Temp	ECE No.
ERW5016FSLED	2	12V	6000K	W5W

RING 'Ice White' LED Bulbs - W2.1 x 9.5d

Wedge base. Latest CANbus technology.
No wiring changes needed - simply plug in and play.

Part No.	Qty	Volts/Watts	Colour Temp	ECE No.
ERW501CBLED	2	12V 3W	6000K	W5W

RING
Side and Tail Lamps
- Cap BA9s

Part No.	Qty	Volts/Watts		E Mark	ECE No.
ERB233	10 x 1	12V 4W		E	T4W
ER233	10	12V 4W		E	T4W
ERB249	10 x 1	24V 4W		E	T4W
ER249	10	24V 4W		E	T4W
ER296	10	24V 4W	Heavy Duty	E	T4W

RING 'Ice White' LED Bulbs
- Cap BA9s

Filament syle LED with ice white light output.

Part No.	Pack of	Volts	Light Temp	ECE No.
ERW2336FSLED	2	12V	6000K	T4W

RING
Miniature Halogen
- Cap BA9s

MCC.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ER435	10	12V 21W	E	H21W
ER535	10	24V 21W	E	H21W

RING
Miniature Halogen
- Cap BA9s

MCC.

Part No.	Qty	Volts/Watts	E Mark	ECE No.
ER434	10	12V 6W	E	H6W

RING
Panel and Indicator Lamps
- Cap BA9s

MCC.

Part No.	Qty	Volts/Watts	ECE No.
ER289	10	24V 2W	-

RING
Miniature Halogen
- Cap BA9s

MCC

Part No.	Qty	Volts/Watts	ECE No.
ER470	10	12V 10W	-

RING
Panel and Indicator Lamps
- Cap BA7s

Two Lug (Peanut Type).

Part No.	Qty	Volts/Watts	ECE No.
ER281	10	12V 2W	-
ER283	10	24V 3W	-

RING
Miniature Halogen
- Cap G4

Part No.	Qty	Volts/Watts	ECE No.
ER570	10	12V 10W	-
ER571	10	24V 20W	-

1:1 Actual Size Images

RING 'Cool White' LED Festoon Bulbs - Cap S8.5d

Part No.	Qty	Volts/Watts	Size	Colour Temp	ECE No.
ERW2394LED	2	12V 1W	11 x 39 mm	4000K	C5W

RING 'Ice White' LED Festoon Bulbs - Cap S8.5d

Part No.	Qty	Volts/Watts	Size	Colour Temp	ECE No.
ERW2396LED	2	12V 1W	11 x 39 mm	6000K	C5W

RING 'Cool Blue' LED Festoon Bulbs - Cap S8.5d

Part No.	Qty	Volts/Watts	Size	Colour Temp	ECE No.
ERW23912LED	2	12V 1W	11 x 39 mm	12000K	C5W

RING 'Ice White' LED Festoon Bulbs - Cap S8.5d

Latest CANbus technology. No wiring changes needed - simply plug in and play.

Part No.	Qty	Volts/Watts	Size	Colour Temp	ECE No.
ERW239CBLED	2	12V 2W	11 x 39 mm	6000K	C5W

RING Festoon - Cap S8.5d

Part No.	Qty	Volts/Watts	Size	E Mark	ECE No.
ERB272	10 x 1	12V 10W	11 x 38 mm		-
ER272	10	12V 10W	11 x 38 mm		-
ERB269	10 x 1	12V 10W	11 x 30 mm		-
ER269	10	12V 10W	11 x 30 mm		-
ERB239	10 x 1	12V 5W	11 x 30 mm	E	C5W
ER239	10	12V 5W	11 x 38 mm	E	C5W
ERB264	10 x 1	12V 10W	11 x 44 mm		-
ER264	10	12V 10W	11 x 44 mm		-
ERB242	10 x 1	24V 5W	11 x 38 mm	E	C5W
ER242	10	24V 5W	11 x 38 mm	E	C5W
ER260	10	24V 5W	11 x 42 mm		-
ER274	10	24V 10W	11 x 41 mm		-

RING Festoon - Cap S8.5d

Part No.	Qty	Volts/Watts	Size	E Mark	ECE No.
ER265	10	12V 10W	15 x 44 mm	E	-
ER273	10	12V 21W	15 x 44 mm	E	C21W

RING Ice White' LED Festoon Bulbs - Cap S8.5d

Filament style LED with ice white light output.

Part No.	Qty	Volts	Size	Colour Temp	ECE No.
ERW2396FSLED	2	12V	11 x 39 mm	6000K	C5W

RING
Printed Circuit Board Base - Cap B8.5D

Part No.	Qty	Volts/Watts	Base Colour	ECE No.
ER509T	10	12V 1.2W	Black	-
ERB508T	10 x 1	24V 1.2W	Grey	-
ER508T	10	24V 1.2W	Grey	-

RING
Printed Circuit Board Base - Cap Kw2x4.6D

Part No.	Qty	Volts/Watts	Base Colour	ECE No.
ER508TCWH	10	24V 1.2W	White	-

RING
LED Blue Panel Bulb

Part No.	Qty	Volts/Milliamps	Size
ER2401LED	10	24V 20mA	36 x 14 mm

RING 12V Panel Bulb Kit

12V standard. Supplied in a handy flip-top box.

Part No.	Box of
ERPB121	71 Pieces

21 x 12V Standard Panel Bulbs: 509TMOR, 509TMBK, 509TMBE, 509TMGR, 509TMBL, 509TOR, 509T, 509TGR, 509TBBK, 509TBWH, 509TWGR, 509TWGY, 509TDBK, 509TEBK, 509THGY, 286, 286A, 286B, 286G, 286R, 501A.

RING
Printed Circuit Board Base - Cap EBSR

Part No.	Qty	Volts/Watts	Base Colour	ECE No.
ER1791	10	24V 1.2W (53mA)	Yellow	-
ER1471	10	24V 1.2W (40mA)	Brown	-

RING
Printed Circuit Board Base - Cap EBS N10

Part No.	Qty	Volts/Watts	Base Colour	ECE No.
ER8328	10	24V 2W	Beige	-

RING
Wedge Base Panel Lamps - W2.3W x 4.6d

Wedge Base.

Part No.	Qty	Volts/Watts		ECE No.
ERB286	10 x 1	12V 1.2W		-
ER286	10	12V 1.2W		-
ER286B	10	12V 1.2W	Blue	-
ERB508	10 x 1	24V 1.2W		-
ER508	10	24V 1.2W		-

1:1 Actual Size Images

Have the right bulb to hand for every job

RING H4 Headlamp 12V Universal Auto Bulb Kit

Supplied in plastic storage box.

- **All bulbs are 'E' marked.**
- **Also contains 10A blade fuses.**

Part No.	Qty	Description
EBU007	1	**1 Kit**

Kit contains: 1 x Halogen Headlamp: ER472 (12V 60/55W).
4 x Side and Tail Lamps: ER207, ER233, ER245, ER501.
2 x Stop, Flasher, Reverse Lamps: ER382, ER581.
1 x Stop/Tail Lamp: ER380. 1 x Fog/Tail Lamp: ER566. 1 x Festoon: ER239.

RING H1, H4 & H7 Headlamp 12V Universal Auto Bulb Kit

Supplied in plastic storage box.

- **All bulbs are 'E' marked.**
- **Also contains 10A blade fuses..**

Part No.	Qty	Description
EBU027	1	**1 Kit**

Kit contains: 3 x Halogen Headlamps: ER477 (12V 55W), 472 (12V 55W), ER448 (12V 60/55W).
5 x Side & Tail Lamps: ER207 (x2), ER233, ER245, ER434, ER501.
3 x Stop, Flasher, Reverse Lamps: ER382, ER581, ER955.
1 x Stop/Tail Lamp: ER380. 1 x Fog/Tail Lamp: ER566. 1 x Festoon: ER239.

RING H7 Headlamp 12V Universal Auto Bulb Kit

Supplied in plastic storage box.

- **All bulbs are 'E' marked.**
- **Also contains 10A blade fuses.**

Part No.	Qty	Description
EBU077	1	**1 Kit**

Kit contains: 1 x Halogen Headlamp: ER477 (12V 55W).
4 x Side and Tail Lamps: ER207, ER233, ER245, ER501.
2 x Stop, Flasher, Reverse Lamps: ER382, ER581.
1 x Stop/Tail Lamp: ER380. 1 x Fog/Tail Lamp: ER566. 1 x Festoon: ER239.

RING H4 Headlamp 24V Auto Bulb Kit

Supplied in plastic storage box.

- **All bulbs are 'E' marked.**
- **Also contains 10A blade fuses.**

Part No.	Qty	Description
EBU034	1	**1 Kit**

Kit contains: 1 x Halogen Headlamp: ER475 (24V 75/70W).
1 x Side and Tail Lamps: ER150.
3 x Stop, Flasher, Reverse Lamps: ER346, ER588, ER241.
3 x Stop/Tail Lamp: ER507, ER249, ER149. 1 x Festoon: ER242.

RING H7 Headlamp 24V Auto Bulb Kit

Supplied in plastic storage box.

- **All bulbs are 'E' marked.**
- **Also contains 10A blade fuses.**

Part No.	Qty	Description
EBU033	1	**1 Kit**

Kit contains: 1 x Halogen Headlamps: ER474 (24V 70W).
1 x Side and Tail Lamps: ER150.
3 x Stop, Flasher, Reverse Lamps: ER346, ER588, ER241.
3 x Stop/Tail Lamp: ER507, ER249, ER149. 1 x Festoon: ER242.

24V

RING
24V Compact Wall Bulb Dispenser Single Boxed Bulbs

Complete with 174 bulbs.
Dimensions: H x W x D: 537 x 550 x 84 mm.

- **Top 16 fast-moving 24V boxed Auto Bulbs**
- **Eye-catching stand**
- **Boxed and pre-merchandised with 174 bulbs**
- **Gravity fed**
- **Wall mounted complete with fitting template**
- **16 columns of bulbs**
- **All bulbs are ECE Reg 37 approved**
- **All bulbs bar-coded**

Part No.	Qty	Description				
ERU274	1 Set	**24V Bulb Wall Dispenser**				
Contents:	13 x ERB149	13 x ERB150	13 x ERB242	13 x ERB246	13 x ERB249	
13 x ERB505	13 x ERB507	10 x ERB241	10 x ERB290	10 x ERB294	10 x ERB346	
10 x ER535	10 x ER466	10 x ER460	7 x ER474	6 x ER475		

12V

NEW

RING
12V Compact Wall Bulb Dispenser Single Boxed Bulbs

Complete with 175 Bulbs.
Dimensions (H x W x D): 530 x 550 x 85 mm.

- **Top 16 fast-moving 12V boxed Auto Bulbs**
- **Eye-catching stand**
- **Boxed and pre-merchandised with 175 bulbs**
- **Gravity fed**
- **Wall mounted complete with fitting template**
- **16 columns of bulbs**
- **All bulbs are 'E' marked where appropriate**
- **All bulbs bar-coded**

Part No.	Qty	Description				
ERU175	1 Set	**12V Bulb Wall Dispenser**				
Contents:	13 x ERB207S	13 x ERB239	13 x ERB245S	13 x ERB286	13 x ERB501	
13 x ERB501A	13 x ERB955	10 x ERB380	10 x ERB382	10 x ERB566	10 x ERB580	
10 x ERB581	10 x ERB582	10 x ER448	8 x ER477	6 x ER472		

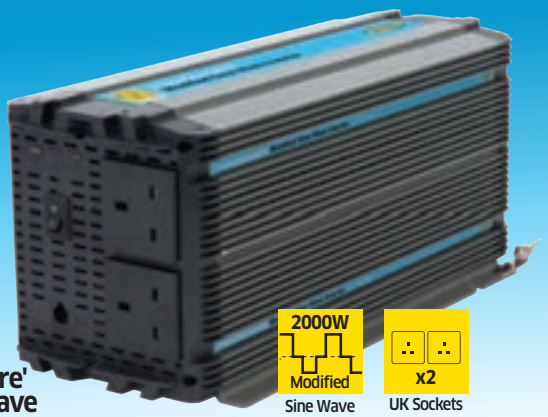
RING 'PowerSourcePure' Modified Sine Wave 1000W Inverter

1000W Modified Sine Wave | x1 UK Socket | 2.1A USB

Professional 1000 watt modified sine wave inverter, converts 12 volt battery power into useful 230 volt AC mains power. Tested and certified to the relevant EMC and LVD Directives.

- **Operating mode and fault indicators**
- **Up to 12 hours continuous use**
- **Compact heavy duty extruded casing**
- **USB charging socket for mobile devices**
- **Low power alarm and shut down to prevent inverter draining the battery**
- **Dimensions (H x W x D): 340 x 170 x 81.5 mm**

Part No.	Qty	Description
ERINVMA10	1	Modified Sine Wave Inverter 1000w



RING 'PowerSourcePure' Modified Sine Wave 2000w Inverter

2000W Modified Sine Wave | x2 UK Sockets

Professional 2000 watt modified sine wave inverter, converts 12 volt battery power into useful 230 volt AC mains power. Tested and certified to the relevant EMC and LVD Directives.

- **Operating mode and fault indicators**
- **Up to 12 hours continuous use**
- **Compact heavy duty extruded casing**
- **Low power alarm and shut down to prevent inverter draining the battery**
- **Dimensions (H x W x D): 340 x 170 x 162 mm**

Part No.	Qty	Description
ERINVMA20	1	Modified Sine Wave Inverter 2000w

RING Pure Sine Wave 1000w Inverter

1000W Pure Sine Wave | x2 UK Sockets | 12.4 LCD Display | 2.1A USB | Approved

Professional 1000 watt pure sine wave inverter, converts 12 volt battery power into useful 230 volt AC mains power. Tested and certified to the relevant EMC and LVD Directives.

- **Operating mode and fault indicators**
- **Up to 12 hours continuous use**
- **Compact heavy duty extruded casing**
- **USB charging socket for mobile devices**
- **Low power alarm and shut down to prevent inverter draining the battery**
- **Dimensions (H x W x D): 320 x 247 x 118.5 mm**

Part No.	Qty	Description
ERINVPA10	1	Sine Wave Inverter 1000w

RING Pure Sine Wave 2000w Inverter

2000W Pure Sine Wave | x2 UK Sockets | 12.4 LCD Display | 2.1A USB | Approved

Professional 2000 watt pure sine wave inverter, converts 12 volt battery power into useful 230 volt AC mains power. Tested and certified to the relevant EMC and LVD Directives.

- **Operating mode and fault indicators**
- **Up to 12 hours continuous use**
- **Compact heavy duty extruded casing**
- **Low power alarm and shut down to prevent inverter draining the battery**
- **Dimensions (H x W x D): 420 x 247 x 118.5 mm**

Part No.	Qty	Description
ERINVPA20	1	Sine Wave Inverter 1000w

RING 'PowerSource' 12V Inverters

300W Modified Sine Wave | 500W Modified Sine Wave | x1 UK Socket | 2.1A USB

12V DC input modified sine wave (MSW) inverters. Supplied with battery clips for connection directly to the vehicle battery.

- **Includes high power 2A USB socket suitable for recharging MP3 players, smart phones and tablets.**
- **Manufactured from lightweight durable ABS.**

Part No.	Qty	Description
ERINVU300	1	300W Inverter
ERINVU500	1	500W Inverter

RING 'Powering' 12V Slimline Flexible 120W Inverter

120W Modified Sine Wave | x1 UK Socket | 2.1A USB

Ultra slim design and flexible coiled cable allows for the inverter to be positioned in the most convenient part of any vehicle.

- **Ideal for mobile phones, hand held games consoles, laptops, TVs, etc.**
- **Includes USB port to allow recharging of electronic devices including MP3 players.**

Part No.	Qty	Description
ERINV120	1	120W Inverter

Booster Cables/ Jump Leads - 16 mm²

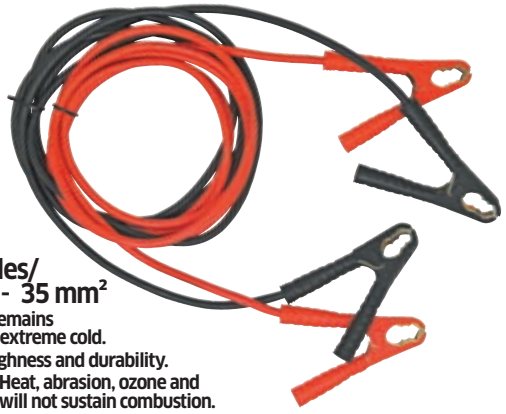
- Welding cable remains flexible even in extreme cold.
- Exceptional toughness and durability.
- Resistant to oil, Heat, abrasion, ozone and most solvents - will not sustain combustion.
- Extra Heavy Duty Clips.
- Clip insulation can be removed to provide traditional clip design.

Part No.	Qty	Length	Amp Cont.	Amp Max
BC1	1	12 ft (3.6 m)	100 A	300 A
BC3	1	16 ft (4.8 m)	110 A	300 A
BC4	1	32 ft (9.6 m)	100 A	300 A

Heavy Duty Booster Cables/ Jump Leads - 25 mm²

- Welding cable remains flexible even in extreme cold.
- Exceptional toughness and durability.
- Resistant to oil, Heat, abrasion, ozone and most solvents - will not sustain combustion.
- Extra Heavy Duty Clips.
- Clip insulation can be removed to provide traditional clip design.

Part No.	Qty	Length	Amp Cont.	Amp Max
BC5	1	16 ft (4.8 m)	170 A	450 A



Heavy Duty Booster Cables/ Jump Leads - 35 mm²

- Welding cable remains flexible even in extreme cold.
- Exceptional toughness and durability.
- Resistant to oil, Heat, abrasion, ozone and most solvents - will not sustain combustion.
- Extra Heavy Duty Clips.
- Clip insulation can be removed to provide traditional clip design.

Part No.	Qty	Length	Amp Cont.	Amp Max
BC9	1	16 ft (4.8 m)	240 A	600 A

Booster Cables/ Jump Leads Clips

Extra heavy duty. Crimped.

Part No.	Qty	Colours	Amp Cont.
BC2	4 (2 x Pairs)	Red & Black	170 A

RING 'Powering' Booster Cables/Jump Leads

For LGV/Commercial Use.

- 100% multi-strand copper conductors.
- Fully insulated heavy duty clips.
- User instructions on packaging.
- Flexible PVC coating.
- Colour coded to British Standards.
- Supplied in nylon storage bag.

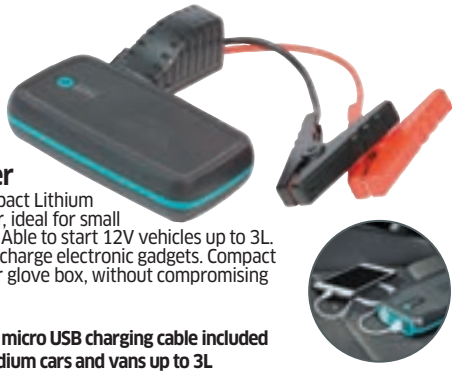
Part No.	Qty	Ø x Length	Amperage
BC500	1	50 mm² x 5.0 m	600 A

RING 12V Digital Battery Analyser

Provides an accurate way to check the cranking ability and condition of 12V vehicle batteries. Microprocessor control which can analyse and test battery capacity without applying a load, providing faster more accurate results.

- LED display.
- Battery Range: 100-1700 CCA.

Part No.	Qty	Description
ERBA50	1	12V Battery Analyser



RING High Power Micro Jump Starter

A powerful, safe and compact Lithium Cobalt $LiCoO^2$ jump starter, ideal for small to medium cars and vans. Able to start 12V vehicles up to 3L. Also provides power to recharge electronic gadgets. Compact design fits easily into your glove box, without compromising on power.

- Powerbank function
- Fast 3hr recharge time - micro USB charging cable included
- Suitable for small to medium cars and vans up to 3L
- Intelligent clamps safely manage power between the jump starter and vehicle
- Reverse polarity, short circuit and anti-spike protection
- Includes integrated LED torch
- Rechargeable batteries included

Part No.	Qty	Dimensions	Voltage	Output
ERPPL300	1	31 x 163 x 90 mm	12V	300A

RING Smart Charger and Battery Maintainer 12/24V

Compatible with lead acid, gel, calcium, EFB and AGM batteries. Keeps batteries in good condition without risk of overcharging. One button operation and large LCD backlit display for ease of use as well as reverse polarity and short-circuit protection for safety. Connect and be sure with the charger adjusting automatically to long-term maintenance mode when the vehicle's battery is full.

- For 12V and 24V vehicles
- Up to 4A or 8A charge rate
- STOP/START compatible
- Cold weather charging mode which protects batteries in cold temperatures
- One button operation for ease-of-use
- Reverse polarity and short-circuit protection

Part No.	Qty	Dimensions	Weight	Voltage	Amps Output
ERSC808	1	183 x 114 x 64 mm	0.902 Kg	12/24V	8A

PROCELL®
BY THE DURACELL® COMPANY

DURACELL®

BEST SELLER

DURACELL 'Procell Constant' Alkaline Batteries

Dependable power for professional devices.

Part No.	Box of	Size	Volts	Alt. Ref.'s
BAT308	10	AAA	1.5V	(LR03)

BEST SELLER

DURACELL 'Procell Constant' Alkaline Batteries

Dependable power for professional devices.

Part No.	Box of	Size	Volts	Alt. Ref.'s
BAT307	10	AA	1.5V	(LR6)

DURACELL 'Procell Constant' Alkaline Batteries

Dependable power for professional devices.

Part No.	Box of	Size	Volts	Alt. Ref.'s
BAT306	10	C	1.5V	(LR14)

DURACELL 'Procell Constant' Alkaline Batteries

Dependable power for professional devices.

Part No.	Box of	Size	Volts	Alt. Ref.'s
BAT305	10	D	1.5V	(LR20)

BEST SELLER

DURACELL 'Procell Constant' Alkaline Batteries

Dependable power for professional devices.

Part No.	Box of	Size	Volts	Alt. Ref.'s
BAT309	10	9V	9V	(PP3)

BEST SELLER

DURACELL Plus Alkaline Batteries

Part No.	Qty	Size	Volts	Alt. Ref.'s
BAT108	10 x 4	AAA	1.5V	(LR03)
BAT108A	4	AAA	1.5V	(LR03)

BEST SELLER

DURACELL Plus Alkaline Batteries

Part No.	Qty	Size	Volts	Alt. Ref.'s
BAT107	20 x 4	AA	1.5V	(LR6)
BAT107A	4	AA	1.5V	(LR6)

DURACELL Plus Alkaline Batteries

Part No.	Qty	Size	Volts	Alt. Ref.'s
BAT106	10 x 2	C	1.5V	(LR14)
BAT106A	2	C	1.5V	(LR14)

DURACELL Plus Alkaline Batteries

Part No.	Qty	Size	Volts	Alt. Ref.'s
BAT105	10 x 2	D	1.5V	(LR20)
BAT105A	2	D	1.5V	(LR20)

BEST SELLER

DURACELL Plus Alkaline Batteries

Part No.	Qty	Size	Volts	Alt. Ref.'s
BAT109	10 x 1	9V	9V	(PP3)
BAT109A	1	9V	9V	(PP3)

PROCELL®
BY THE DURACELL® COMPANY

Procell Alkaline Constant batteries deliver longer lasting power and are ideal for powering low drain professional devices.

GP Batteries

GP BATTERIES 'Greencell' Heavy Duty Batteries - Zinc Chloride

Part No.	Qty	Size	Volts	Alt. Ref.'s
BAT30	10 x 4	AAA	1.5V	(HP16, R03S)

GP BATTERIES 'Greencell' Heavy Duty Batteries - Zinc Chloride

Part No.	Qty	Size	Volts	Alt. Ref.'s
BAT3	10 x 4	AA	1.5V	(HP7, R6S)

GP BATTERIES 'Greencell' Heavy Duty Batteries - Zinc Chloride

Part No.	Qty	Size	Volts	Alt. Ref.'s
BAT2	10 x 2	C	1.5V	(HP11, R14S)

GP BATTERIES 'Greencell' Heavy Duty Batteries - Zinc Chloride

Part No.	Qty	Size	Volts	Alt. Ref.'s
BAT1	10 x 2	D	1.5V	(HP2, R20S)

GP BATTERIES 'Greencell' Heavy Duty Batteries - Zinc Chloride

Part No.	Qty	Size	Volts	Alt. Ref.'s
BAT4	10 x 1	9V	9V	(PP3S, 6F22)

GP Batteries

GP BATTERIES 'Super' Alkaline Batteries

Part No.	Box of	Size	Volts	Alt. Ref.'s
BAT408A	20 x 2	AAA	1.5V	(MN2400, LR03)
BAT408	100 x 2	AAA	1.5V	(MN2400, LR03)

GP BATTERIES 'Ultra' Alkaline Batteries

Part No.	Box of	Size	Volts	Alt. Ref.'s
BAT8	10 x 4	AAA	1.5V	(MN2400, LR03)
BAT301	24	AAA	1.5V	(MN2400, LR03)

GP BATTERIES 'Ultra' Alkaline Batteries

Part No.	Box of	Size	Volts	Alt. Ref.'s
BAT7	10 x 4	AA	1.5V	(MN1500, LR6)
BAT300	24	AA	1.5V	(MN1500, LR6)

GP BATTERIES 'Ultra' Alkaline Batteries

Part No.	Box of	Size	Volts	Alt. Ref.'s
BAT6	10 x 2	C	1.5V	(MN1400, LR14)

GP BATTERIES 'Ultra' Alkaline Batteries

Part No.	Box of	Size	Volts	Alt. Ref.'s
BAT5	10 x 2	D	1.5V	(MN1300, LR20)

GP BATTERIES 'Ultra' Alkaline Batteries

Part No.	Box of	Size	Volts	Alt. Ref.'s
BAT9	10 x 1	9V	9V	(PP3, MN1604, 6LF22, 6LR61)

GP Batteries

GP BATTERIES 'Super' Alkaline Batteries

Part No.	Box of	Size	Size	Alt. Ref.'s
BAT407A	20 x 2	AA	1.5V	(MN1500, LR6)
BAT407	100 x 2	AA	1.5V	(MN1500, LR6)

GP Batteries

GP BATTERIES 'ReCyko Pro' Rechargeable Batteries

High capacity NiMH.

Part No.	Pack of	Size	Capacity	Volts
BAT208	4	AAA	800 mAh	1.2V

GP BATTERIES 'ReCyko Pro' Rechargeable Batteries

High capacity NiMH.

Part No.	Pack of	Size	Capacity	Volts
BAT207	4	AA	2000 mAh	1.2V

GP BATTERIES 'ReCyko+' Rechargeable Batteries

High capacity NiMH.

Part No.	Pack of	Size	Capacity	Volts
BAT206	2	C	3000 mAh	1.2V

GP BATTERIES 'ReCyko+' Rechargeable Batteries

High capacity NiMH.

Part No.	Pack of	Size	Capacity	Volts
BAT205	2	D	5700 mAh	1.2V

GP BATTERIES 'ReCyko+' Rechargeable Batteries

High capacity NiMH.

Part No.	Pack of	Size	Capacity	Volts
BAT209	1	9V	200 mAh	9V

GP Batteries

GP BATTERIES Battery Charger Unit

Charges 2 or 4 x NiMH D, C, AA, AAA and 1 or 2 x 9V. 5 Hour charging (1300 mAh AA). (Batteries NOT included).

Part No.	Qty	Description
BAT84	1	NiMH Battery Charger Unit/Adaptor

GP Batteries

GP BATTERIES ReCyko USB Speed Charger with Dock

Charges 4 x AA, or 4 x AAA NiMH batteries.
Provides advanced battery analytics and two charging modes (fast 1.3 hrs / eco 4 hrs).
4 x AA 2600 mAh batteries and USB charging cable included.

Part No.	Qty	Description
BAT186	1	NiMH Battery Charger with Dock

DURACELL

DURACELL Hi-Speed Charger with 2 x AA & 2 x AAA 'Duralock' Batteries

Medium Capacity NiMH: AA 1300 mAh, AAAA 750 mAh. 2 x AA ready in 45 minutes.

Part No.	Qty	Description
BAT185	1 Set	NiMH Charger + 2 x AA & 2 x AAA

DURACELL 'Duralock' Rechargeable Batteries

Medium capacity NiMH.

Part No.	Pack of	Size	Capacity	Volts
BAT118	4	AAA	750 mAh	1.2V

DURACELL 'Duralock' Rechargeable Batteries

Medium capacity NiMH.

Part No.	Pack of	Size	Capacity	Volts
BAT117	4	AA	1300 mAh	1.2V

DURACELL

DURACELL 'Ultra' Lithium Batteries

Part No.	Pack of	Size	Volts	Alt. Ref.'s
BAT131	2	123	3V	(CR123A, DL123, EL123AP)

DURACELL 'Ultra' Alkaline Batteries

Part No.	Qty	Size	Volts	Alt. Ref.'s
BAT151	10 x 2	AAAA	1.5V	(25A, U2, LR8D425)
BAT151A	2	AAAA	1.5V	(25A, U2, LR8D425)

GP Batteries

GP BATTERIES 'Super' Alkaline Batteries

Part No.	Box of	Size	Volts	Alt. Ref.'s
BAT51	10 x 2	AAAA	1.5V	(MN2500, 25A, U2, LR8D425)

GP BATTERIES 'Super' Alkaline Batteries

For pagers

Part No.	Box of	Size	Volts	Alt. Ref.'s
BAT80	10 x 2	N	1.5V	(MN9100, LR1)

GP BATTERIES 'Super' Alkaline Batteries

Used by alarm manufacturers Autoblock and Gelhard.

Part No.	Pack of	Size	Volts	Alt. Ref.'s
BAT12	10	27A	12V	(EL812, BRONICA-1)

GP BATTERIES 'Super' Alkaline Batteries

Car alarm/remote: DIAHATSU, FORD, HONDA, MAZDA, MERCEDES, NISSAN, SAAB, TOYOTA, VAUXHALL, VOLVO.

Part No.	Pack of	Size	Volts	Alt. Ref.'s
BAT11	10	23A	12V	(MN21, V23GA, A23)

GP BATTERIES Lithium Batteries

For use in LED Torches & Digital Cameras.

Part No.	Pack of	Size	Volts	Alt. Ref.'s
BAT13	10	CR123A	3V	(123, DL123, EL123AP)

GP BATTERIES Lithium Batteries

For use in Digital Cameras.

Part No.	Pack of	Size	Volts	Alt. Ref.'s
BAT14	10	CR2	3V	(DLCR2, EL1CR2)

GP Batteries

GP BATTERIES Button Cell Batteries - Lithium Coins

Part No.	Pack of	Size	Volts
BAT23	10	**CR1220**	3V

Car alarm/remote: PEUGEOT, Used by alarm manufacturers: Meta, Moss, Phillips.

Part No.	Pack of	Size	Volts
BAT40	10	**CR1616**	3V

Car alarm/remote: AUDI, CITROËN, DAEWOO, PEUGEOT, NISSAN, TOYOTA.

Part No.	Pack of	Size	Volts
BAT28	10	**CR1620**	3V

Car alarm/remote: AUDI, CITROËN, DAEWOO, PEUGEOT, NISSAN, TOYOTA.

Part No.	Pack of	Size	Volts
BAT37	10	**CR1632** *	3V

Car alarm/remote: TOYOTA, LEXUS.

* NOT branded GP BATTERIES

Part No.	Pack of	Size	Volts
BAT24	10	**CR2016**	3V

Car alarm/remote: BMW, CITROËN, FIAT, FORD, HONDA, LAND ROVER, PEUGEOT, RENAULT, ROVER, SAAB, SEAT, VOLVO.

Part No.	Pack of	Size	Volts
BAT25	10	**CR2025**	3V

Car alarm/remote: CITROËN, MERCEDES, PEUGEOT, VAUXHALL.

Part No.	Pack of	Size	Volts
BAT32	10	**CR2032**	3V

Car alarm/remote: CITROËN, NISSAN, ROVER.

Part No.	Pack of	Size	Volts
BAT35	10	**CR2430**	3V

Car alarm/remote:VOLVO, MITSUBISHI.

Part No.	Pack of	Size	Volts
BAT36	10	**CR2450**	3V

Car alarm/remote: BMW.

GP Batteries

GP BATTERIES Button Cell Batteries - Alkaline Batteries

Part No.	Pack of	Size	Volts
BAT21	10	**LR44**	1.5V

Car alarm/remote: CITROËN, PEUGEOT. Alt. Ref.'s (V13GA, PX76A, A76, AG13, SR44)

Part No.	Pack of	Size	Volts
BAT19	10	**LR54**	1.5V

Alt. Ref.'s (LR1130, AG10, GP189)

Heavy Duty Lantern Batteries - Zinc Chloride

Part No.	Pack of	Size	Volts	Alt. Ref.'s
BAT10N	6	**996**	6V	(4R25, 1209)
BAT10A	1	**996**	6V	(4R25, 1209)

EVEREADY

EVEREADY Lantern Batteries - Zinc Chloride

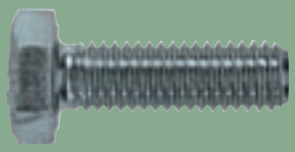
Part No.	Box of	Size	Volts	Alt. Ref.'s
BAT50	12	**996**	6V	(4R25, 1209)

GP Batteries

Assorted Pack of GP BATTERIES Alkaline Batteries & Lithium Cells

Part No.	Pack of
AP177	**24 Pieces**

5 x Lithium Cells: CR1220, CR1616, CR2016, CR2025, CR2032.
3 x Alkaline Batteries: 23A, 27A, LR44.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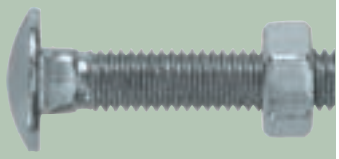
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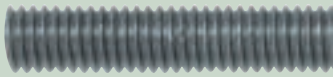
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Threaded Fasteners

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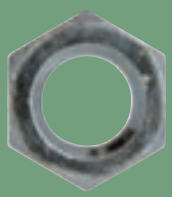
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120 Set Screws
123 Bolts
124 Coach Bolts
125 Studding
126 Socket Screws
129 Machine Screws
130 Body Screws
130 Thread Repair
131 Threased Inserts
132 Nuts
135 Washers
139 Sealing Washers
142 Sump Plug Washers
144 O-Rings

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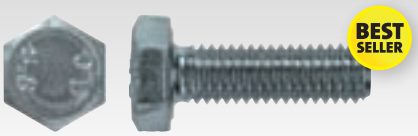


Set Screws High Tensile - Metric

Zinc plated steel. DIN 933 Grade 8.8.

Part No.	Pack of	Size x Length
HSS110	200	M4 x 10
HSS111	200	M4 x 25
HSS97	200	M5 x 12
HSS36	200	M5 x 16
HSS98	200	M5 x 20
HSS41	200	M5 x 25
HSS99	200	M5 x 30
HSS37	200	M5 x 35
HSS42	200	M5 x 40
HSS43	100	M5 x 50
HSS100	200	M6 x 12
HSS69	200	M6 x 16
HSS40	200	M6 x 20
HSS44	200	M6 x 25
HSS101	200	M6 x 30
HSS38	200	M6 x 35
HSS45	200	M6 x 40
HSS46	100	M6 x 50
HSS102	50	M6 x 60
HSS103	50	M6 x 75
HSS47	200	M7 x 25
HSS48	100	M7 x 40
HSS104	200	M8 x 16
HSS70	200	M8 x 20
HSS50	200	M8 x 25
HSS105	100	M8 x 30
HSS39	100	M8 x 35
HSS51	100	M8 x 40
HSS112	100	M8 x 45
HSS52	100	M8 x 50
HSS106	50	M8 x 60
HSS113	100	M8 x 70
HSS71	50	M8 x 75
HSS92	25	M8 x 100
HSS107	100	M10 x 20
HSS53	100	M10 x 25
HSS108	100	M10 x 30
HSS72	100	M10 x 35
HSS54	100	M10 x 40
HSS55	50	M10 x 50
HSS109	50	M10 x 60
HSS114	50	M10 x 70
HSS73	50	M10 x 75
HSS115	50	M10 x 80
HSS93	25	M10 x 100
HSS56	50	M12 x 25
HSS116	50	M12 x 35
HSS57	50	M12 x 40
HSS58	50	M12 x 50
HSS74	25	M12 x 75
HSS94	25	M12 x 100
HSS75	25	M14 x 40
HSS76	25	M14 x 50
HSS117	25	M14 x 70
HSS79	25	M14 x 75
HSS95	25	M14 x 100
HSS77	25	M16 x 50
HSS78	25	M16 x 75
HSS96	25	M16 x 100

Assorted Box of Set Screws High Tensile - Metric

Zinc plated steel. DIN 933 Grade 8.8.

Part No.	Box of
AB9N	150 Pieces

1 x M5: x 25 mm. 1 x M6: x 25 mm.
2 x M8: x 25, 40 mm. 2 x M10: x 25, 40 mm.

MAX BOX

'Max Box' Assortment of Set Screws High Tensile - Metric

Zinc plated steel. DIN 933 Grade 8.8.

Part No.	Box of
AB564	290 Pieces

2 x M4: x 10, 20 mm. 3 x M5: x 10, 16, 30 mm. 5 x M6: x 10, 12, 16, 20, 30 mm. 4 x M8: x 16, 20, 30, 40 mm.
2 x M10: x 25, 30 mm. 3 x M12: x 20, 30, 40 mm.

Set Screws High Tensile - Metric Fine

Zinc plated steel. DIN 961 Grade 8.8.

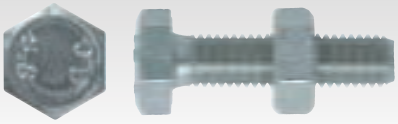
Part No.	Pack of	Size x Length	Pitch
HSS61	200	M5 x 25	0.50 mm
HSS62	200	M6 x 25	0.75 mm
HSS64	200	M8 x 25	1.00 mm
HSS65	200	M8 x 40	1.00 mm
HSS66	100	M10 x 40	1.25 mm
HSS60	50	M12 x 55	1.50 mm

Assorted Box of Set Screws High Tensile - Metric Fine

Zinc plated steel. DIN 961 Grade 8.8.

Part No.	Box of
AB11N	140 Pieces

1 x M5 (x 0.50 mm Pitch): x 25 mm.
1 x M6 (x 0.75 mm Pitch): x 25 mm.
2 x M8 (x 1.00 mm Pitch): x 25, 40 mm.
1 x M10 (x 1.25 mm Pitch): x 40 mm.
1 x M12 (x 1.50 mm Pitch) x 55 mm.



Assorted Set Screws with Nuts

Zinc plated steel. DIN 933 Grade 8.8 (Set Screws High Tensile). DIN934 (Steel Nuts).

Part No.	Pack of	Size
AP64	200 Pieces	M6

3 x Lengths: 25, 40, 50 mm.

Part No.	Pack of	Size
AP65	200 Pieces	M8

3 x Lengths: 25, 40, 50 mm.

Part No.	Pack of	Size
AP67	200 Pieces	M10

3 x Lengths: 25, 40, 50 mm.

Part No.	Pack of	Size
AP68	100 Pieces	M12

3 x Lengths: 25, 40, 50 mm.

Assorted Box of M5 Fasteners

Zinc plated steel. DIN 933 Grade 8.8 (Set Screws High Tensile). DIN 934 (Steel Nuts). DIN 125 (Flat Washers).

Part No.	Box of
AB163N	550 Pieces

5 x Set Screws: M5 x 16, 20, 25, 40, 50 mm.
1 x Steel Nuts: M5. 1 x Flat Washers: M5.

Assorted Box of M6 Fasteners

Zinc plated steel. DIN 933 Grade 8.8 (Set Screws High Tensile). DIN 934 (Steel Nuts). DIN 125 (Flat Washers).

Part No.	Box of
AB128N	485 Pieces

5 x Set Screws: M6 x 16, 20, 25, 35, 50 mm.
1 x Steel Nuts: M6. 1 x Flat Washers: M6.

Assorted Box of M8 Fasteners

Zinc plated steel. DIN 933 Grade 8.8 (Set Screws High Tensile). DIN 934 (Steel Nuts). DIN 125 (Flat Washers).

Part No.	Box of
AB129N	245 Pieces

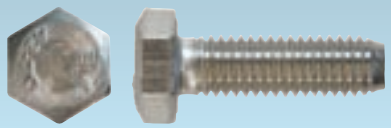
5 x Set Screws: M8 x 20, 25, 40, 50, 75 mm.
1 x Steel Nuts: M8. 1 x Flat Washers: M8.

Assorted Box of M10 Fasteners

Zinc plated steel. DIN 933 Grade 8.8 (Set Screws High Tensile). DIN 934 (Steel Nuts). DIN 125 (Flat Washers).

Part No.	Box of
AB130N	150 Pieces

4 x Set Screws: M10 x 25, 40, 50, 75 mm.
1 x Steel Nuts: M10. 1 x Flat Washers: M10.



Stainless Steel Set Screws - Metric

Stainless Steel. DIN 933 Grade A2.

Part No.	Pack of	Size x Length
HIS525	100	M5 x 25
HIS625	100	M6 x 25
HIS825	100	M8 x 25
HIS840	50	M8 x 40
HIS1025	50	M10 x 25
HIS1040	50	M10 x 40

Assorted Box of Stainless Steel Set Screws - Metric

Stainless Steel. DIN 933 Grade A2.

Part No.	Box of
AB154	120 Pieces

1 x M5: x 25 mm. 1 x M6: x 25 mm. 1 x M8: x 25 mm.
1 x M8: x 40 mm. 2 x M10: x 25, 40 mm.

Plain (Black) Set Screws High Tensile - Metric

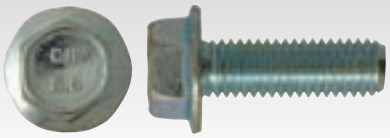
Self colour finish steel. DIN 933/BS 3692 Grade 8.8.

Part No.	Pack of	Size x Length
HSB510	200	M5 x 10
HSB670	50	M6 x 70
HSB880	25	M8 x 80
HSB1220	25	M12 x 20
HSB1265	25	M12 x 65
HSB1280	25	M12 x 80
HSB12120	25	M12 x 120
HSB1640	25	M16 x 40
HSB1660	25	M16 x 60
HSB1680	25	M16 x 80

Metric Thread Pitch Sizes

Below is a listing of the popular standard pitch sizes for all metric (coarse) threaded products.

Size	Pitch	Size	Pitch
M3	0.50 mm	M12	1.75 mm
M4	0.70 mm	M14	2.00 mm
M5	0.80 mm	M16	2.00 mm
M6	1.00 mm	M18	2.50 mm
M7	1.00 mm	M20	2.50 mm
M8	1.25 mm	M22	2.50 mm
M10	1.50 mm	M24	3.00 mm



Serrated Flanged Set Screws - Metric

Zinc plated steel. DIN 6921 Grade 8.8.

Part No.	Pack of	Size x Length	Thread Type
HFL616	100	M6 x 16	Full Thread
HFL620	100	M6 x 20	Full Thread
HFL820	100	M8 x 20	Full Thread
HFL825	100	M8 x 25	Full Thread
HFL830	50	M8 x 30	Full Thread
HFL125	50	M10 x 25	Full Thread
HFL130	50	M10 x 30	Full Thread

Serrated Flanged Bolts - Metric

Zinc plated steel. DIN 6921 Grade 8.8.

Part No.	Pack of	Size x Length	Thread Type
HFL625	100	M6 x 25	Part Thread
HFL630	100	M6 x 30	Part Thread
HFL840	50	M8 x 40	Part Thread
HFL140	50	M10 x 40	Part Thread
HFL150	25	M10 x 50	Part Thread

Spanner/Socket Size Guide

Use this guide to help choose the correct size spanner or socket required for standard Set Screw, Nut and Bolt thread sizes. Information for guidance only.

Thread Size	Spanner/Socket
M3	7 mm
3/16 UNF	5/16 AF
M5	8 mm
M6	10 mm
M7	11 mm
1/4 UNF	7/16 AF
5/16 UNF	1/2 AF
M8	13 mm
3/8 UNF	9/16 AF

Size	Pitch
7/16 UNF (Bolt)	5/8 AF
M10	17 mm
7/16 UNF (Nut)	11/16 AF
M12	19 mm
1/2 UNF	3/4 AF
M14	22 mm
5/8 UNF	15/16 AF
M16	24 mm

Set Screws High Tensile - UNF

Zinc plated steel. ANSI B18.2.1.1965 Grade S.

Part No.	Pack of	Size x Length
HSS2	200	3/16" x 1"
HSS3	200	3/16" x 1 1/2"
HSS5	200	1/4" x 1/2"
HSS6	200	1/4" x 3/4"
HSS7	200	1/4" x 1"
HSS8	200	1/4" x 1 1/2"
HSS9	200	1/4" x 2"
HSS10	100	1/4" x 3"
HSS87	200	5/16" x 1/2"
HSS11	200	5/16" x 3/4"
HSS12	200	5/16" x 1"
HSS13	200	5/16" x 1 1/2"
HSS14	100	5/16" x 2"
HSS15	100	5/16" x 3"
HSS16	100	3/8" x 3/4"
HSS17	100	3/8" x 1"
HSS18	100	3/8" x 1 1/2"
HSS19	50	3/8" x 2"
HSS20	50	3/8" x 3"
HSS88	50	7/16" x 1"
HSS80	50	7/16" x 1 1/2"
HSS81	50	7/16" x 2"
HSS89	25	7/16" x 3"
HSS90	50	1/2" x 1"
HSS82	50	1/2" x 1 1/2"
HSS83	50	1/2" x 2"
HSS84	25	1/2" x 3"
HSS91	25	5/8" x 1 1/2"
HSS85	25	5/8" x 2"
HSS86	25	5/8" x 3"

Assorted Box of Set Screws High Tensile - UNF

Zinc plated steel. ANSI B18.2.1.1965 Grade 8.8 Equivalent.

Part No.	Box of
AB5N	150 Pieces

1 x 3/16" UNF: x 1". 1 x 1/4" UNF: x 1".
2 x 5/16" UNF: x 1", x 1 1/2". 2 x 3/8" UNF: x 1", 1 1/2".

Assorted Box of Set Screws High Tensile - UNC

Zinc plated steel. ANSI B18.2.1.1965 Grade 8.8 Equivalent.

Part No.	Box of
AB7N	150 Pieces

2 x 1/4" UNC: x 3/4", x 1". 2 x 5/16" UNC: x 1", x 1 1/2".
2 x 3/8" UNC: x 1", x 1 1/2".

Bolts High Tensile - Metric

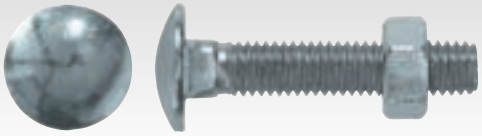
Zinc plated steel. DIN 931 Grade 8.8.

Part No.	Pack of	Size x Length
HB036	100	M6 x 40
HB070	50	M6 x 130
HB037	100	M8 x 40
HB071	50	M8 x 45
HB072	50	M8 x 50
HB073	50	M8 x 55
HB074	50	M8 x 65
HB075	25	M8 x 80
HB076	25	M8 x 110
HB077	25	M10 x 40
HB026	100	M10 x 50
HB078	25	M10 x 55
HB079	25	M10 x 60
HB080	25	M10 x 65
HB081	25	M10 x 70
HB082	25	M10 x 75
HB083	25	M10 x 90
HB021	100	M10 x 100
HB084	25	M10 x 130
HB085	25	M10 x 150
HB022	100	M12 x 45
HB027	100	M12 x 50
HB023	100	M12 x 60
HB028	50	M12 x 75
HB086	25	M12 x 80
HB087	25	M12 x 90
HB033	25	M12 x 100
HB088	25	M12 x 110
HB089	25	M12 x 120
HB090	25	M12 x 140
HB091	25	M12 x 150
HB029	50	M14 x 50
HB030	50	M14 x 70
HB092	25	M14 x 75
HB093	25	M14 x 80
HB034	25	M14 x 100
HB094	25	M16 x 40
HB024	50	M16 x 45
HB031	50	M16 x 50
HB025	50	M16 x 60
HB032	25	M16 x 70
HB095	10	M16 x 65
HB096	10	M16 x 75
HB097	10	M16 x 80
HB098	10	M16 x 90
HB035	25	M16 x 100
HB099	10	M16 x 110
HB0100	10	M16 x 120
HB0101	10	M16 x 130
HB0102	10	M16 x 150
HB0103	10	M18 x 100
HB0104	10	M20 x 50
HB0105	10	M20 x 60
HB0106	10	M20 x 70
HB0107	10	M20 x 75
HB0108	10	M20 x 80
HB0109	10	M20 x 90
HB0110	10	M20 x 100
HB0111	10	M20 x 130
HB0112	5	M24 x 70
HB0113	5	M24 x 90
HB0114	5	M24 x 120

Bolts High Tensile - UNF

Zinc plated steel. ANSI B18.2.1.1965 Grade S.

Part No.	Pack of	Size x Length
HB02	100	5/16" x 2 1/4"
HB03	100	5/16" x 2 3/4"
HB04	100	3/8" x 1 1/4"
HB013	100	3/8" x 1 1/2"
HB061	100	3/8" x 2 1/2"
HB062	50	3/8" x 3"
HB063	25	3/8" x 4"
HB05	100	7/16" x 1 1/2"
HB06	100	7/16" x 2"
HB07	50	7/16" x 3"
HB08	50	1/2" x 1 1/2"
HB09	50	1/2" x 2"
HB014	50	1/2" x 2 1/2"
HB010	50	1/2" x 3"
HB015	25	1/2" x 4"
HB064	10	1/2" x 5"
HB011	50	5/8" x 2"
HB016	25	5/8" x 2 1/2"
HB012	25	5/8" x 3"
HB017	25	5/8" x 4"
HB065	10	5/8" x 5"
HB066	25	3/4" x 3"
HB067	25	3/4" x 4"
HB068	10	3/4" x 5"



Coach Bolts with Steel Nuts, Cup Square Head - Metric, Fully Threaded

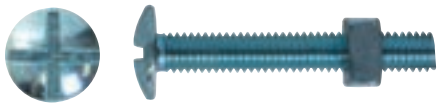
Zinc plated steel. DIN 603, Grade 4.8. Cup square head.

Part No.	Pack of	Size x Length
HCS7	100 Pairs	M6 x 20
HCS8	100 Pairs	M6 x 25
HCS9	100 Pairs	M6 x 30
HCS1	100 Pairs	M6 x 40
HCS10	50 Pairs	M6 x 50
HCS11	100 Pairs	M6 x 55
HCS2	100 Pairs	M6 x 75
HCS12	50 Pairs	M6 x 80
HCS13	50 Pairs	M6 x 90
HCS14	50 Pairs	M6 x 100
HCS15	25 Pairs	M6 x 110
HCS16	25 Pairs	M6 x 130
HCS17	50 Pairs	M8 x 25
HCS18	50 Pairs	M8 x 30
HCS19	50 Pairs	M8 x 35
HCS3	50 Pairs	M8 x 40
HCS20	50 Pairs	M8 x 50
HCS21	50 Pairs	M8 x 60
HCS4	50 Pairs	M8 x 75
HCS22	50 Pairs	M8 x 100
HCS23	25 Pairs	M8 x 120
HCS24	25 Pairs	M8 x 130
HCS25	25 Pairs	M8 x 150
HCS26	50 Pairs	M10 x 25
HCS27	50 Pairs	M10 x 30
HCS5	50 Pairs	M10 x 40
HCS28	50 Pairs	M10 x 50
HCS29	50 Pairs	M10 x 65
HCS6	50 Pairs	M10 x 75
HCS30	50 Pairs	M10 x 90
HCS31	50 Pairs	M10 x 100
HCS32	25 Pairs	M10 x 110
HCS33	25 Pairs	M10 x 120
HCS34	25 Pairs	M10 x 130
HCS35	25 Pairs	M10 x 150
HCS36	25 Pairs	M10 x 180
HCS37	25 Pairs	M10 x 220
HCS38	25 Pairs	M12 x 30
HCS39	25 Pairs	M12 x 50
HCS40	25 Pairs	M12 x 75
HCS41	25 Pairs	M12 x 100
HCS42	25 Pairs	M12 x 130
HCS43	25 Pairs	M12 x 150
HCS44	10 Pairs	M12 x 180
HCS45	10 Pairs	M12 x 200
HCS46	5 Pairs	M12 x 220

Coach Bolts with Steel Nuts, Cup Square Head - Metric

Zinc plated steel. BS 4933.

Part No.	Pack of	Size x Length
HCB1	100 Pairs	M6 x 40
HCB2	100 Pairs	M6 x 75
HCB3	50 Pairs	M8 x 40
HCB4	50 Pairs	M8 x 75
HCB5	50 Pairs	M10 x 40
HCB6	50 Pairs	M10 x 75



Roofing Bolts & Nuts - Metric

Zinc plated steel. DIN 603.

Part No.	Pack of	Size x Length
HRF520	100 Pairs	M5 x 20
HRF620	100 Pairs	M6 x 20
HRF625	100 Pairs	M6 x 25
HRF640	100 Pairs	M6 x 40
HRF650	100 Pairs	M6 x 50
HRF660	100 Pairs	M6 x 60
HRF680	50 Pairs	M6 x 80
HRF6100	50 Pairs	M6 x 100
HRF830	100 Pairs	M8 x 30
HRF835	100 Pairs	M8 x 35
HRF860	50 Pairs	M8 x 60
HRF880	50 Pairs	M8 x 80

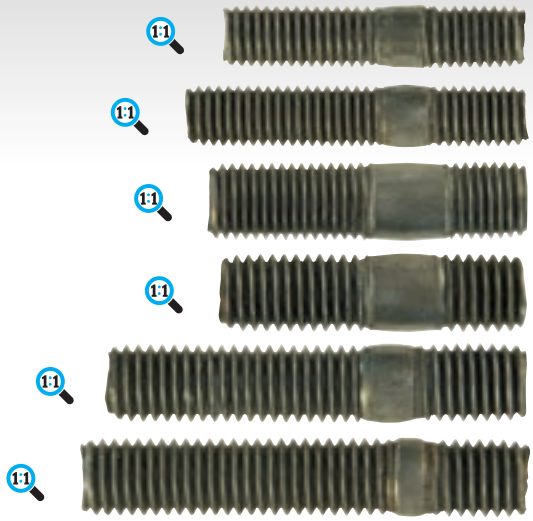
Sleeve Anchors

Part No.	Pack of	Size
HCT10	50	M10 x 50
HCT12	50	M12 x 75

Metric Thread Pitch Sizes

Below is a listing of the popular standard pitch sizes for all metric (coarse) threaded products.

Size	Pitch	Size	Pitch
M3	0.50 mm	M12	1.75 mm
M4	0.70 mm	M14	2.00 mm
M5	0.80 mm	M16	2.00 mm
M6	1.00 mm	M18	2.50 mm
M7	1.00 mm	M20	2.50 mm
M8	1.25 mm	M22	2.50 mm
M10	1.50 mm	M24	3.00 mm



Exhaust Manifold Studs

Mild steel.

Part No.	Pack of	Size x Pitch	Length
HMS11	20	M8 x 1.25 mm	37 mm
HMS12	20	M8 x 1.25 mm	42 mm
HMS13	20	M10 x 1.25 mm	37 mm
HMS14	20	M10 x 1.50 mm	38 mm
HMS15	20	M10 x 1.50 mm	52 mm
HMS16	20	M10 x 1.50 mm	55 mm

Exhaust Manifold Nuts - Brass

Part No.	Pack of	Size x Pitch
HBN5	50	M8 x 1.25 mm
HBN6	50	M10 x 1.25 mm

Exhaust Manifold Nuts - Copper Flashed Steel

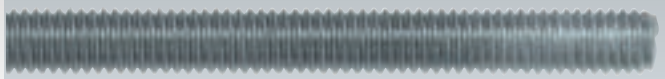
DIN 980.

Part No.	Pack of	Size x Pitch
HBN8	50	M8 x 1.25 mm
HBN7	50	M10 x 1.50 mm

Exhaust Manifold Nuts - Zinc Plated Steel

Non-serrated. Flanged tri-lock. 9/16" (14 mm) AF head. DIN 980. Grade 8.8.

Part No.	Pack of	Size
HBN10	50	M10 x 1.25 mm



Studding - Metric, 1 m (39") Lengths

Zinc plated mild steel. DIN 975. Grade 4.8.

Part No.	Pack of	Size
HSR26	5	M6
HSR28	5	M8
HSR30	5	M10
HSR32	5	M12
HSR34	4	M14
HSR36	4	M16
HSR38	2	M20
HSR40	2	M24

Assorted Pack of Studding - Metric, 1 m (39") Lengths

Zinc plated mild steel. DIN 975. Grade 4.8.

Part No.	Pack of
AP50	9 Pieces

3 x Sizes: M6, M8, M10

Assorted Pack of Studding - Metric, 30 cm (12") Lengths

Zinc plated mild steel. DIN 975. Grade 4.8.

Part No.	Pack of
AP8	30 Pieces

3 x Sizes: M6, M8, M10.

Assorted Pack of Studding - UNC, 36" (91 cm) Lengths

Zinc plated steel. DIN 975.

Part No.	Pack of
AP52	9 Pieces

3 x Sizes: 1/4", 5/16", 3/8" UNC.

Looking for more Exhaust Products?

Exhaust clamps and fittings can be found on Page 276

Black Socket Screws, Cap Head - Metric

Black finish steel. DIN 912 Grade 12.9.

Part No.	Pack of	Size x Length	Thread Type	Hex/Socket Size
HCH38	200	M3 x 8	Full Thread	2.5 mm
HCH310	200	M3 x 10	Full Thread	2.5 mm
HCH312	200	M3 x 12	Full Thread	2.5 mm
HCH320	200	M3 x 20	Full Thread	2.5 mm
HCH330	200	M3 x 30	Part Thread	2.5 mm
HCH335	200	M3 x 35	Part Thread	2.5 mm
HCH410	200	M4 x 10	Full Thread	3 mm
HCH412	200	M4 x 12	Full Thread	3 mm
HCH416	200	M4 x 16	Full Thread	3 mm
HCH420	200	M4 x 20	Full Thread	3 mm
HCH425	200	M4 x 25	Full Thread	3 mm
HCH430	200	M4 x 30	Part Thread	3 mm
HCH440	200	M4 x 40	Part Thread	3 mm
HCH450	100	M4 x 50	Part Thread	3 mm
HCH56	200	M5 x 6	Full Thread	4 mm
HCH510	200	M5 x 10	Full Thread	4 mm
HCH512	200	M5 x 12	Full Thread	4 mm
HCH516	200	M5 x 16	Full Thread	4 mm
HCH520	200	M5 x 20	Full Thread	4 mm
HCH525	200	M5 x 25	Full Thread	4 mm
HCH530	200	M5 x 30	Part Thread	4 mm
HCH540	200	M5 x 40	Part Thread	4 mm
HCH550	100	M5 x 50	Part Thread	4 mm
HCH580	50	M5 x 80	Part Thread	4 mm
HCH610	200	M6 x 10	Full Thread	5 mm
HCH612	200	M6 x 12	Full Thread	5 mm
HCH615	200	M6 x 15	Full Thread	5 mm
HCH616	200	M6 x 16	Full Thread	5 mm
HCH620	200	M6 x 20	Full Thread	5 mm
HCH625	200	M6 x 25	Full Thread	5 mm
HCH630	200	M6 x 30	Full Thread	5 mm
HCH635	200	M6 x 35	Part Thread	5 mm
HCH640	200	M6 x 40	Part Thread	5 mm
HCH645	100	M6 x 45	Part Thread	5 mm
HCH650	100	M6 x 50	Part Thread	5 mm
HCH660	100	M6 x 60	Part Thread	5 mm
HCH665	100	M6 x 65	Part Thread	5 mm
HCH670	50	M6 x 70	Part Thread	5 mm
HCH810	200	M8 x 10	Full Thread	6 mm
HCH812	100	M8 x 12	Full Thread	6 mm
HCH816	200	M8 x 16	Full Thread	6 mm
HCH820	100	M8 x 20	Full Thread	6 mm
HCH825	100	M8 x 25	Full Thread	6 mm
HCH830	100	M8 x 30	Full Thread	6 mm
HCH835	100	M8 x 35	Full Thread	6 mm
HCH840	100	M8 x 40	Part Thread	6 mm
HCH845	50	M8 x 45	Part Thread	6 mm
HCH850	50	M8 x 50	Part Thread	6 mm
HCH860	50	M8 x 60	Part Thread	6 mm
HCH865	50	M8 x 65	Part Thread	6 mm
HCH870	50	M8 x 70	Part Thread	6 mm
HCH890	50	M8 x 90	Part Thread	6 mm
HCH1020	50	M10 x 20	Full Thread	8 mm
HCH1025	50	M10 x 25	Full Thread	8 mm
HCH1030	100	M10 x 30	Full Thread	8 mm
HCH1035	50	M10 x 35	Full Thread	8 mm
HCH1040	100	M10 x 40	Full Thread	8 mm
HCH1045	50	M10 x 45	Part Thread	8 mm
HCH1050	25	M10 x 50	Part Thread	8 mm
HCH1055	25	M10 x 55	Part Thread	8 mm
HCH1060	25	M10 x 60	Part Thread	8 mm
HCH1070	25	M10 x 70	Part Thread	8 mm
HCH1075	25	M10 x 75	Part Thread	8 mm
HCH1080	25	M10 x 80	Part Thread	8 mm
HCH1090	10	M10 x 90	Part Thread	8 mm
HCH10100	10	M10 x 100	Part Thread	8 mm
HCH1220	50	M12 x 20	Full Thread	10 mm
HCH1225	50	M12 x 25	Full Thread	10 mm
HCH1230	50	M12 x 30	Full Thread	10 mm
HCH1235	50	M12 x 35	Full Thread	10 mm
HCH1240	50	M12 x 40	Full Thread	10 mm
HCH1245	25	M12 x 45	Full Thread	10 mm
HCH1250	50	M12 x 50	Full Thread	10 mm
HCH1260	25	M12 x 60	Part Thread	10 mm
HCH1275	25	M12 x 75	Part Thread	10 mm
HCH1280	25	M12 x 80	Part Thread	10 mm
HCH1290	10	M12 x 90	Part Thread	10 mm
HCH12130	10	M12 x 130	Part Thread	10 mm
HCH1630	10	M16 x 30	Full Thread	14 mm
HCH1640	10	M16 x 40	Full Thread	14 mm
HCH1650	10	M16 x 50	Full Thread	14 mm
HCH1665	10	M16 x 65	Part Thread	14 mm
HCH1680	10	M16 x 80	Part Thread	14 mm
HCH1690	10	M16 x 90	Part Thread	14 mm
HCH16100	10	M16 x 100	Part Thread	14 mm
HCH16200	10	M16 x 200	Part Thread	14 mm
HCH2050	10	M20 x 50	Full Thread	17 mm
HCH2080	10	M20 x 80	Part Thread	17 mm
HCH2090	5	M20 x 90	Part Thread	17 mm
HCH20100	5	M20 x 100	Part Thread	17 mm
HCH20140	5	M20 x 140	Part Thread	17 mm
HCH20150	10	M20 x 150	Part Thread	17 mm
HCH2490	5	M24 x 90	Part Thread	19 mm
HCH24100	5	M24 x 100	Part Thread	19 mm

Assorted Box of Socket Screws Cap Head - Metric Black

Black. DIN 912 Grade 12.9.

Part No.	Box of
AB92	100 Pieces

2 x M5: x 30, 40 mm. 2 x M6: x 30, 40 mm.
2 x M8: x 30, 40 mm. 2 x M10: x 30, 40 mm.

MAX BOX

'Max Box' Assortment of Socket Screws Cap Head - Metric Black

Black. DIN 912 Grade 12.9.

Part No.	Box of
AB562	270 Pieces

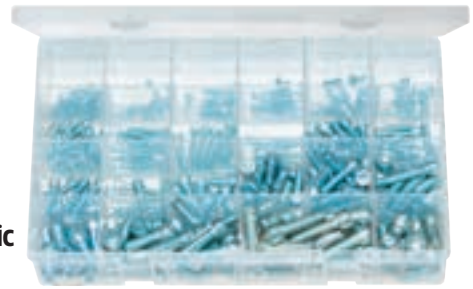
2 x M4: 12, 20 mm. 4 x M5: 16, 20, 30, 40 mm. 5 x M6: 12, 16, 20, 30, 40 mm.
4 x M8: 12, 20, 30, 40 mm. 2 x M10: 30, 40. 1 x M12: 50.

Socket Screws, Cap Head - Metric

Zinc plated steel. DIN 912 Grade 12.9.

Part No.	Pack of	Size x Length	Thread Type	Hex/Socket Size
HCZ308	200	M3 x 8	Full Thread	2.5 mm
HCZ316	100	M3 x 16	Full Thread	2.5 mm
HCZ420	100	M4 x 20	Full Thread	3 mm
HCZ430	100	M4 x 30	Part Thread	3 mm
HCZ510	100	M5 x 10	Full Thread	4 mm
HCZ516	100	M5 x 16	Full Thread	4 mm
HCZ525	100	M5 x 25	Full Thread	4 mm
HCZ530	50	M5 x 30	Part Thread	4 mm
HCZ535	50	M5 x 35	Part Thread	4 mm
HCZ540	50	M5 x 40	Part Thread	4 mm
HCZ620	100	M6 x 20	Full Thread	5 mm
HCZ625	100	M6 x 25	Full Thread	5 mm
HCZ630	100	M6 x 30	Full Thread	5 mm
HCZ635	50	M6 x 35	Part Thread	5 mm
HCZ816	50	M8 x 16	Full Thread	6 mm
HCZ820	50	M8 x 20	Full Thread	6 mm
HCZ830	50	M8 x 30	Full Thread	6 mm
HCZ845	25	M8 x 45	Part Thread	6 mm
HCZ865	50	M8 x 65	Part Thread	6 mm
HCZ1025	25	M10 x 25	Full Thread	8 mm
HCZ1030	25	M10 x 30	Full Thread	8 mm
HCZ1040	25	M10 x 40	Full Thread	8 mm
HCZ10130	25	M10 x 130	Part Thread	8 mm
HCZ1225	25	M12 x 25	Full Thread	10 mm
HCZ12100	10	M12 x 100	Part Thread	10 mm
HCZ12110	10	M12 x 110	Part Thread	10 mm
HCZ1660	10	M16 x 60	Full Thread	14 mm

MAX BOX

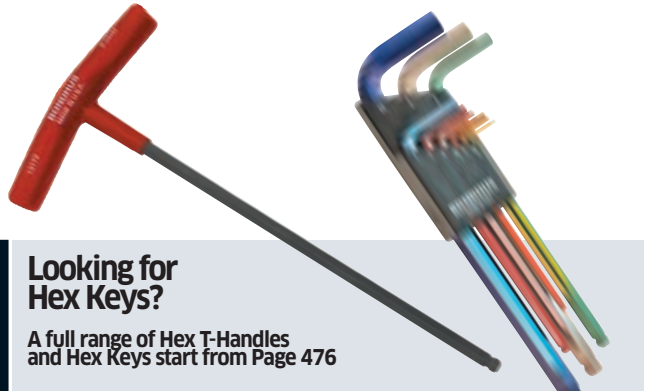


'Max Box' Assortment of Socket Screws Cap Head - Metric

Zinc plated steel.
DIN 912 Grade 12.9.

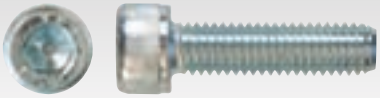
Part No.	Box of
AB563	300 Pieces

2 x M3: x 8, 16 mm. 2 x M4: x 20, 30 mm. 6 x M5: x 10, 16, 25, 30, 35, 40 mm. 4 x M6: x 20, 25, 30, 35 mm. 4 x M8: x 16, 20, 30, 45 mm. 3 x M10: x 25, 30, 40 mm. 1 x M12: x 25 mm.



Looking for Hex Keys?

A full range of Hex T-Handles and Hex Keys start from Page 476



Socket Screws, Cap Head - UNC

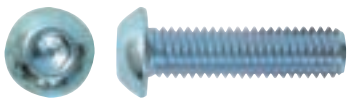
Zinc plated steel. Grade 12.9.

Part No.	Pack of	Size x Length	Thread Type
HCZ1	100	1/4 UNC x 1/2"	Full Thread
HCZ2	100	1/4 UNC x 1 1/4"	Full Thread
HCZ3	100	1/4 UNC x 1 1/2"	Part Thread
HCZ4	100	1/4 UNC x 1 3/4"	Part Thread
HCZ5	50	1/4 UNC x 2"	Part Thread
HCZ7	50	5/16 UNC x 1 1/4"	Full Thread
HCZ8	50	3/8 UNC x 1"	Full Thread
HCZ9	25	3/8 UNC x 1 1/2"	Full Thread
HCZ10	25	3/8 UNC x 2"	Part Thread
HCZ11	10	1/2 UNC x 2"	Full Thread

Black Socket Screws, Button Head - Metric

Black finish steel. ISO 7380 Grade 10.9.

Part No.	Pack of	Size x Length	Thread Type	Hex/Socket Size
HBU410	200	M4 x 10	Full Thread	3 mm
HBU512	200	M5 x 12	Full Thread	4 mm
HBU516	200	M5 x 16	Full Thread	4 mm
HBU520	200	M5 x 20	Full Thread	4 mm
HBU525	200	M5 x 25	Full Thread	4 mm
HBU610	100	M6 x 10	Full Thread	5 mm
HBU612	100	M6 x 12	Full Thread	5 mm
HBU616	200	M6 x 16	Full Thread	5 mm
HBU625	100	M6 x 25	Full Thread	5 mm
HBU630	100	M6 x 30	Full Thread	5 mm
HBU810	100	M8 x 10	Full Thread	6 mm
HBU816	100	M8 x 16	Full Thread	6 mm
HBU820	100	M8 x 20	Full Thread	6 mm
HBU825	100	M8 x 25	Full Thread	6 mm
HBU830	100	M8 x 30	Full Thread	6 mm
HBU1040	50	M10 x 40	Full Thread	8 mm



Socket Screws, Button Head - Metric

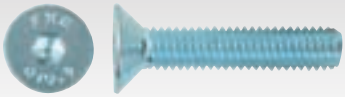
Zinc plated steel. ISO 7380 Grade 10.9.

Part No.	Pack of	Size x Length	Thread Type	Hex/Socket Size
HBZ620	100	M6 x 20	Full Thread	5 mm
HBZ820	100	M8 x 20	Full Thread	6 mm
HBZ830	100	M8 x 30	Full Thread	6 mm
HBZ840	100	M8 x 40	Part Thread	6 mm
HBZ1030	50	M10 x 30	Full Thread	8 mm
HBZ1035	50	M10 x 35	Full Thread	8 mm
HBZ1040	50	M10 x 40	Full Thread	8 mm

Black Socket Screws, Countersunk - Metric

Black finish steel. DIN 7991 Grade 10.9.

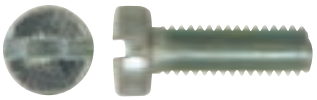
Part No.	Pack of	Size x Length	Thread Type	Hex/Socket Size
HKB36	200	M3 x 6	Full Thread	2.5 mm
HKB320	200	M3 x 20	Full Thread	2.5 mm
HKB412	200	M4 x 12	Full Thread	3 mm
HKB416	200	M4 x 16	Full Thread	3 mm
HKB420	200	M4 x 20	Full Thread	3 mm
HKB440	200	M4 x 40	Part Thread	3 mm
HKB510	200	M5 x 10	Full Thread	4 mm
HKB512	200	M5 x 12	Full Thread	4 mm
HKB516	200	M5 x 16	Full Thread	4 mm
HKB520	200	M5 x 20	Full Thread	4 mm
HKB525	200	M5 x 25	Full Thread	4 mm
HKB530	200	M5 x 30	Full Thread	4 mm
HKB612	200	M6 x 12	Full Thread	5 mm
HKB616	200	M6 x 16	Full Thread	5 mm
HKB620	200	M6 x 20	Full Thread	5 mm
HKB625	200	M6 x 25	Full Thread	5 mm
HKB630	100	M6 x 30	Full Thread	5 mm
HKB640	100	M6 x 40	Part Thread	5 mm
HKB820	100	M8 x 20	Full Thread	6 mm
HKB825	100	M8 x 25	Full Thread	6 mm
HKB830	100	M8 x 30	Full Thread	6 mm
HKB840	100	M8 x 40	Full Thread	6 mm
HKB850	100	M8 x 50	Part Thread	6 mm
HKB860	50	M8 x 60	Part Thread	6 mm
HKB1020	50	M10 x 20	Full Thread	8 mm
HKB1025	50	M10 x 25	Full Thread	8 mm
HKB1035	50	M10 x 35	Full Thread	8 mm
HKB1040	50	M10 x 40	Full Thread	8 mm
HKB1050	50	M10 x 50	Part Thread	8 mm
HKB1225	50	M12 x 25	Full Thread	10 mm
HKB1250	50	M12 x 50	Full Thread	10 mm
HKB1650	10	M16 x 50	Full Thread	14 mm
HKB1670	10	M16 x 70	Part Thread	14 mm
HKB1675	10	M16 x 75	Part Thread	14 mm
HKB20100	10	M20 x 100	Part Thread	17 mm



Socket Screws, Countersunk - Metric

Zinc plated steel. Grade 10.9.

Part No.	Pack of	Size x Length	Thread Type	Hex/Socket Size
HKZ460	100	M4 x 60	Part Thread	3 mm
HKZ620	100	M6 x 20	Full Thread	5 mm
HKZ640	100	M6 x 40	Part Thread	5 mm
HKZ825	100	M8 x 25	Full Thread	6 mm
HKZ830	100	M8 x 30	Full Thread	6 mm



Machine Screws, Cheese Head, Slotted - Metric

Zinc plated steel. DIN 84 Grade 4.8.

Part No.	Pack of	Size x Length	Thread Type
HBH306	500	M3 x 6	Full Thread
HBH308	500	M3 x 8	Full Thread
HBH310	500	M3 x 10	Full Thread
HBH312	500	M3 x 12	Full Thread
HBH320	500	M3 x 20	Full Thread
HBH325	500	M3 x 25	Full Thread
HBH330	200	M3 x 30	Full Thread
HBH350	100	M3 x 50	Full Thread
HBH406	500	M4 x 6	Full Thread
HBH412	500	M4 x 12	Full Thread
HBH508	500	M5 x 8	Full Thread
HBH510	100	M5 x 10	Full Thread
HBH516	100	M5 x 16	Full Thread
HBH550	100	M5 x 50	Full Thread
HBH610	100	M6 x 10	Full Thread
HBH612	100	M6 x 12	Full Thread
HBH616	100	M6 x 16	Full Thread
HBH620	100	M6 x 20	Full Thread
HBH625	100	M6 x 25	Full Thread

Hex Key/ Socket Size Guide

Use this guide to help choose the correct size hex key or hex bit socket required for standard Socket Cap Screw thread sizes. Information for guidance only.

Thread Size	Hex Size
M3	2.5 mm
M4	3 mm
M5	4 mm
M6	5 mm
M8	6 mm

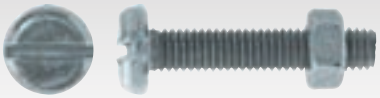
Thread Size	Hex Size
M10	8 mm
M12	10 mm
M16	14 mm
M20	17 mm
M24	19 mm

Assorted Box of Machine Screws Cheese Head, Slotted - Metric

Zinc plated steel. DIN 84 Grade 4.8.

Part No.	Box of
AB209N	435 Pieces

8 x M3: x 6, 8, 10, 12, 20, 25, 30, 50 mm.
2 x M4: x 6, 12 mm. 1 x M5: x 8. 2 x M6: 10, 20 mm.



Machine Screws with Nuts, Pan Head, Slotted - Metric

Zinc plated steel. DIN 85 & 934.

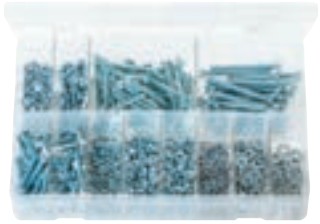
Part No.	Pack of	Size x Length	Thread Type
HBA10	100 Pairs	M3 x 8	Full Thread
HBA11	100 Pairs	M3 x 20	Full Thread
HBA12	100 Pairs	M4 x 20	Full Thread
HBA16	100 Pairs	M4 x 25	Full Thread
HBA13	100 Pairs	M4 x 40	Full Thread
HBA14	100 Pairs	M5 x 25	Full Thread
HBA17	100 Pairs	M5 x 40	Full Thread
HBA15	100 Pairs	M5 x 50	Full Thread

Assorted Box of Machine Screws with Nuts & Washers, Pan Head, Slotted - Metric

Zinc plated steel. DIN 85 & DIN 934.

Part No.	Box of
AB68N	840 Pieces

6 x Machine Screws: M3 x 8 mm, M3 x 20 mm, M4 x 20 mm, M4 x 40 mm, M5 x 25 mm, M5 x 50 mm. 3 x Nuts: M3, M4, M5. 3 x Washers: M3, M4, M5.

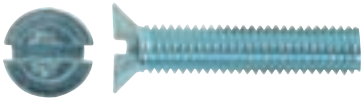


Assorted Box of Machine Screws with Nuts, Round Head, Slotted - BA

Brass. BS 57.

Part No.	Box of
AB4N	410 Pieces

10 x Machine Screws: 6BA x 1/2", 6BA x 3/4", 6BA x 1", 4BA x 1/2", 4BA x 3/4", 4BA x 1", 2BA x 1/2", 2BA x 3/4", 2BA x 1", 2BA x 1 1/2". 3 x Nuts: 6BA, 4BA, 2BA.



Machine Screws, Slotted Countersunk - Metric

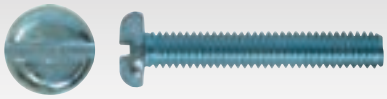
Zinc plated steel. BS 57.

Part No.	Pack of	Size x Length	Thread Type
HBT510	100	M5 x 10	Full Thread
HBT516	100	M5 x 16	Full Thread
HBT525	100	M5 x 25	Full Thread
HBT550	100	M5 x 50	Full Thread
HBT625	100	M6 x 25	Full Thread
HBT650	100	M6 x 50	Full Thread

Metric Thread Pitch Sizes

Below is a listing of the popular standard pitch sizes for all metric (coarse) threaded products.

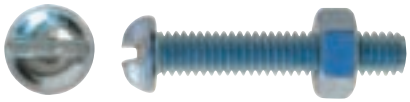
Size	Pitch	Size	Pitch
M3	0.50 mm	M12	1.75 mm
M4	0.70 mm	M14	2.00 mm
M5	0.80 mm	M16	2.00 mm
M6	1.00 mm	M18	2.50 mm
M7	1.00 mm	M20	2.50 mm
M8	1.25 mm	M22	2.50 mm
M10	1.50 mm	M24	3.00 mm



Machine Screws, Pan Head Slotted - Metric

Zinc plated steel.

Part No.	Pack of	Size x Length	Thread Type
HBS36	100	M3 x 6	Full Thread
HBS320	100	M3 x 20	Full Thread
HBS325	100	M3 x 25	Full Thread
HBS340	100	M3 x 40	Full Thread
HBS48	100	M4 x 8	Full Thread
HBS416	100	M4 x 16	Full Thread
HBS425	100	M4 x 25	Full Thread
HBS440	100	M4 x 40	Full Thread
HBS512	100	M5 x 12	Full Thread
HBS516	100	M5 x 16	Full Thread
HBS525	100	M5 x 25	Full Thread
HBS540	100	M5 x 40	Full Thread
HBS550	100	M5 x 50	Full Thread
HBS625	100	M6 x 25	Full Thread
HBS640	50	M6 x 40	Full Thread
HBS650	50	M6 x 50	Full Thread



Machine Screws with Nuts, Round Head, Slotted - BA

Zinc plated steel. BS 57.

Part No.	Pack of	Size x Length	Thread Type
HBA8	100 Pairs	6BA x 3/4"	Full Thread
HBA1	100 Pairs	6BA x 1"	Full Thread
HBA9	100 Pairs	4BA x 3/4"	Full Thread
HBA3	100 Pairs	4BA x 1"	Full Thread
HBA4	100 Pairs	4BA x 2"	Full Thread
HBA5	100 Pairs	2BA x 1"	Full Thread
HBA7	100 Pairs	2BA x 1 1/2"	Full Thread
HBA6	100 Pairs	2BA x 2"	Full Thread

Assorted Box of Machine Screws with Nuts, Round Head, Slotted - BA

Zinc plated steel. BS 57.

Part No.	Box of
AB3	1,025 Pieces

8 x Machine Screws: 6BA x 3/4", 6BA x 1", 4BA x 3/4", 4BA x 1", 4BA x 2", 2BA x 1, 2BA x 1 1/2", 2BA x 2". 3 x Nuts: 6BA, 4BA, 2BA.

Looking for Body Screws?

The Machine Screws range continues overleaf

Machine Screws (Body Screws), Countersunk, Pozi - Metric

Zinc plated steel. DIN 965.

Part No.	Pack of	Size x Length	Thread Type
HBC520	200	M5 x 20	Full Thread
HBC525	200	M5 x 25	Full Thread
HBC550	200	M5 x 50	Full Thread
HBC610	200	M6 x 10	Full Thread
HBC612	200	M6 x 12	Full Thread
HBC620	200	M6 x 20	Full Thread
HBC625	200	M6 x 25	Full Thread
HBC650	200	M6 x 50	Full Thread
HBC820	200	M8 x 20	Full Thread
HBC825	200	M8 x 25	Full Thread

Assorted Box of Machine Screws (Body Screws) Countersunk, Pozi - Metric

Zinc plated steel. DIN 965.

Part No.	Box of
AB135N	250 Pieces

2 x M5: x 20, 25 mm. 3 x M6: x 20, 25, 50 mm.
1 x M8: x 20 mm.

Machine Screws (Body Screws), Pan Head, Pozi - Metric

Zinc plated steel. DIN 7985.

Part No.	Pack of	Size x Length	Thread Type
HBP312	200	M3 x 12	Full Thread
HBP330	200	M3 x 30	Full Thread
HBP412	200	M4 x 12	Full Thread
HBP435	200	M4 x 35	Full Thread
HBP450	200	M4 x 50	Full Thread
HBP516	200	M5 x 16	Full Thread
HBP520	200	M5 x 20	Full Thread
HBP525	200	M5 x 25	Full Thread
HBP540	100	M5 x 40	Full Thread
HBP550	100	M5 x 50	Full Thread
HBP68	200	M6 x 8	Full Thread
HBP610	200	M6 x 10	Full Thread
HBP616	200	M6 x 16	Full Thread
HBP620	200	M6 x 20	Full Thread
HBP625	200	M6 x 25	Full Thread
HBP820	200	M8 x 20	Full Thread
HBP825	200	M8 x 25	Full Thread

Assorted Box of Machine Screws (Body Screws) Pan Head, Pozi - Metric

Zinc plated steel. DIN 7985.

Part No.	Box of
AB134N	290 Pieces

3 x M4: x 12, 35, 50 mm. 4 x M5: x 20, 25, 40, 50 mm.
2 x M6: x 20, 25 mm.

Thread Insert System Kits

Supplied in a robust plastic storage case.

Part No.	Qty	Size	Pitch
HRK105	1 Kit	M5	0.80 mm
HRK106	1 Kit	M6	1.00 mm
HRK108	1 Kit	M8	1.25 mm
HRK110	1 Kit	M10	1.50 mm
HRK112	1 Kit	M12	1.75 mm

Kit contains:
1 x Pre-wind Installation Tool. 1 x HSS-G Tap. 1 x HSS Drill: 5.2 mm
1 x Tang Break-off Tool: No. 8. 20 x Inserts.

Insert Replacement Packs - Metric

Part No.	Pack of	Size	Pitch
HRP105	10	M5	0.80 mm
HRP106	10	M6	1.00 mm
HRP108	10	M8	1.25 mm
HRP110	10	M10	1.50 mm
HRP112	10	M12	1.75 mm

Thread Repair Kit - Spark Plug Inserts

Supplied in a robust plastic storage case.

Part No.	Qty	Size	Pitch
HRK214	1 Kit	M14	1.25 mm

Kit contains:
1 x Pre-wind Installation Tool. 1 x HSS-G Tap: 5 x Inserts M14 x 1.25 mm: 8.4 mm, 12.4 mm, 16.4 mm Reach.

Insert Replacement Packs - Spark Plug M14 x 1.25 mm

Part No.	Pack of	Size x Pitch	Reach
HRP208	10	M14 x 1.25 mm	1/2"
HRP212	10	M14 x 1.25 mm	3/4"

Metric Thread Pitch Sizes

Below is a listing of the popular standard pitch sizes for all metric (coarse) threaded products.

Size	Pitch	Size	Pitch
M3	0.50 mm	M12	1.75 mm
M4	0.70 mm	M14	2.00 mm
M5	0.80 mm	M16	2.00 mm
M6	1.00 mm	M18	2.50 mm
M7	1.00 mm	M20	2.50 mm
M8	1.25 mm	M22	2.50 mm
M10	1.50 mm	M24	3.00 mm

ECLIPSE-SPIRALUX Threaded Insert Tool Kit

Complete with nose bush and mandrel conversions and inserts. For quick, manual insertion of permanent load bearing threads in materials from 0.20" to 0.128". Supplied in a plastic storage box.

Part No.	Qty	Description
TL831	1 Kit	Threaded Insert Tool Kit

1 x Insert Tool. 4 x Nose Bush/Mandrels: 4, 5, 6, 8 mm. 10 x Threaded Inserts: 4, 5, 6, 8 mm.

ECLIPSE-SPIRALUX Nose Bush & Mandrel Kits

Suits Part No. TL831.

Part No.	Qty	Size
TL832	1 Kit	4 mm
TL834	1 Kit	6 mm
TL833	1 Kit	5 mm
TL835	1 Kit	8 mm

BEST SELLER

Threaded Inserts - Regular

Zinc plated steel.

Part No.	Pack of	Size
NST4	50	M4
NST5	50	M5
NST6	50	M6
NST8	50	M8

Threaded Inserts - Half Hex

Zinc plated steel.

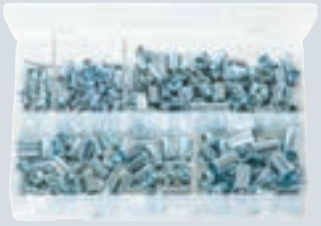
Part No.	Pack of	Size
NST14	50	M4
NST15	50	M5
NST16	50	M6
NST18	50	M8

Assorted Box of Threaded Inserts - Regular

Zinc plated steel.

Part No.	Box of
AB78N	250 Pieces

5 x Sizes: M4, M5, M6, M8, M10.



Assorted Box of Threaded Inserts - Half Hex

Zinc plated steel.

Part No.	Box of
AB182	225 Pieces

4 x Sizes: M4, M5, M6, M8.

BEST SELLER

Threaded Inserts - Splined

Zinc plated steel.

Part No.	Pack of	Size
NST24	50	M4
NST25	50	M5
NST26	50	M6
NST28	50	M8
NST10	50	M10

Threaded Inserts - Cylindrical Head Full Hex

Zinc plated steel. Large flange.

Part No.	Pack of	Size
NST34	50	M4
NST35	50	M5
NST36	50	M6
NST38	50	M8
NST40	50	M10

Assorted Box of Threaded Inserts - Splined

Zinc plated steel.

Part No.	Box of
AB183	225 Pieces

4 x Sizes: M4, M5, M6, M8.

Assorted Box of Threaded Inserts - Cylindrical Head Full Hex

Zinc plated steel. Large flange.

Part No.	Box of
AB181	250 Pieces

5 x Sizes: M4, M5, M6, M8, M10

Steel Nuts - Metric

Zinc plated steel. DIN 934.

Part No.	Pack of	Size
HSN19	200	M3
HSN20	200	M4
HSN21	200	M5
HSN22	200	M6
HSN23	200	M7
HSN24	200	M8
HSN25	200	M10
HSN26	100	M12
HSN28	100	M14
HSN27	100	M16
HSN29	25	M20
HSN30	25	M24

Assorted Box of Steel Nuts - Metric

Zinc plated steel. DIN 934.

Part No.	Box of
AB202N	275 Pieces

8 x Sizes: M4, M5, M6, M8, M10, M12, M14, M16.

Assorted Box of Steel Nuts - Metric (Popular Sizes)

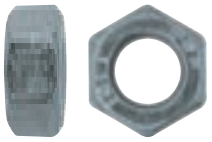
Zinc plated steel. DIN 934.

Part No.	Box of
AB10N	370 Pieces

5 x Sizes: M5, M6, M8, M10, M12.

Steel Nuts - Metric Fine

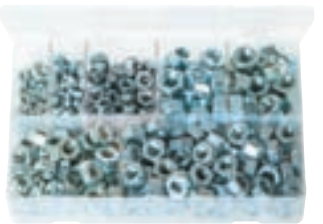
Zinc plated steel. DIN 934.



Part No.	Pack of	Size x Pitch
HSN31	200	M5 x 0.50 mm
HSN32	200	M6 x 0.75 mm
HSN33	200	M8 x 1.00 mm
HSN35	100	M10 x 1.00 mm
HSN34	200	M10 x 1.25 mm
HSN37	100	M12 x 1.50 mm *
HSN36	100	M12 x 1.25 mm *
HSN38	50	M16 x 1.50 mm *

Assorted Box of Steel Nuts - Metric Fine

Zinc plated steel. DIN 934.



Part No.	Box of
AB12N	350 Pieces

7 x Sizes: M5 x 0.50 mm, M6 x 0.75 mm, M8 x 1.00 mm, M10 x 1.00 mm, M10 x 1.25 mm, M12 x 1.25 mm, M12 x 1.50 mm.

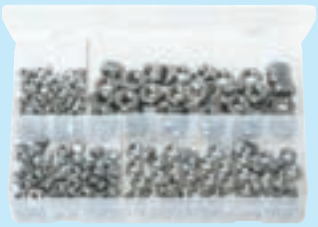
Stainless Steel Nuts - Metric

Stainless Steel. DIN 934 Grade A2.

Part No.	Pack of	Size
HIN105	200	M5
HIN106	200	M6
HIN108	100	M8
HIN110	100	M10

Assorted Box of Stainless Steel Nuts - Metric

Stainless Steel. DIN 934 Grade A2.

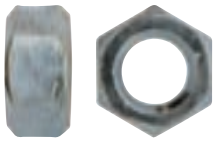


Part No.	Box of
AB155	250 Pieces

4 x Sizes: M5, M6, M8, M10.

Steel Nuts - UNF

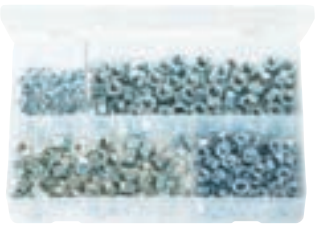
Zinc plated steel.
ANSI B18.2.2.



Part No.	Pack of	Size
HSN1	200	3/16" UNF
HSN2	200	1/4" UNF
HSN3	200	5/16" UNF
HSN4	200	3/8" UNF
HSN5	100	7/16" UNF
HSN6	100	1/2" UNF
HSN7	100	5/8" UNF
HSN8	50	3/4" UNF

Assorted Box of Steel Nuts - UNF

Zinc plated steel. ANSI B18.2.2.

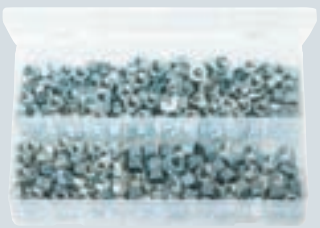


Part No.	Box of
AB6N	325 Pieces

4 x UNF: 3/16", 1/4", 5/16", 3/8".

Assorted Box of Steel Nuts - UNC

Zinc plated steel. ANSI B18.2.2.



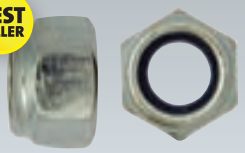
Part No.	Box of
AB8N	350 Pieces

3 x UNC: 1/4", 5/16", 3/8".

BEST SELLER

Nylon Lock Nuts - Metric

Zinc plated steel.
P-Type. DIN 982.



Part No.	Pack of	Size
HNN19	200	M4
HNN20	100	M5
HNN21	100	M6
HNN22	100	M8
HNN23	100	M10
HNN24	100	M12
HNN26	50	M14
HNN25	25	M16
HNN27	25	M20

Assorted Box of Nylon Lock Nuts - Metric

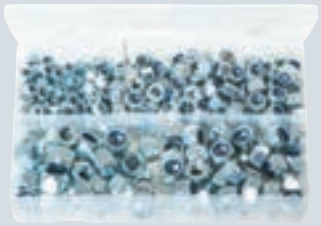
Zinc plated steel.
P-Type. DIN 982.

Part No.	Box of
AB201N	275 Pieces

8 x Sizes: M4, M5, M6, M8, M10, M12, M14, M16.

Assorted Box of Nylon Lock Nuts - Metric (Popular Sizes)

Zinc plated steel. P-Type. DIN 982.



Part No.	Box of
AB15N	300 Pieces

4 x Sizes: M6, M8, M10, M12.

MAX BOX

'Max Box' Assortment of Steel Nuts & Nylon Lock Nuts

Zinc plated steel.
DIN 934 (Steel Nuts)/DIN 982 (Nylon Lock Nuts, P-Type).

Part No.	Box of
AB510	400 Pieces

5 x Sizes, Steel Nuts: M5, M6, M8, M10, M12. 7 x Sizes, Nylon Lock Nuts: M5, M6, M7, M8, M10, M12, M14.

Nylon Lock Nuts - Metric Fine

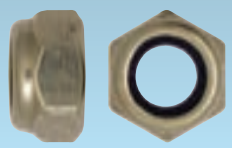
Zinc plated steel.
T-Type. DIN 985.

Part No.	Pack of	Size	Pitch
HNN32	50	M8	1.00 mm
HNN33	50	M10	1.00 mm
HNN34	50	M10	1.25 mm
HNN35	50	M12	1.25 mm
HNN36	50	M12	1.50 mm

STAINLESS STEEL

Stainless Steel Nylon Lock Nuts - Metric

Stainless Steel.
T-Type. DIN 985 Grade A2.



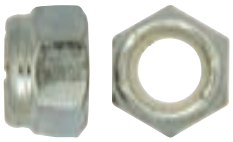
Part No.	Pack of	Size
HIL105	100	M5
HIL106	100	M6
HIL108	50	M8
HIL110	50	M10

Assorted Box of Stainless Steel Nylon Lock Nuts - Metric

Stainless Steel. T-Type. DIN 985 Grade A2.

Part No.	Box of
AB156N	225 Pieces

4 x Sizes: M5, M6, M8, M10.



Nylon Lock Nuts - UNF

Zinc plated steel.
BS 4929 Equivalent.

Part No.	Pack of	Size
HNN1	100	1/4"
HNN2	100	5/16"
HNN3	100	3/8"
HNN4	100	7/16"
HNN5	50	1/2"
HNN6	25	5/8"

Assorted Box of Nylon Lock Nuts - UNF

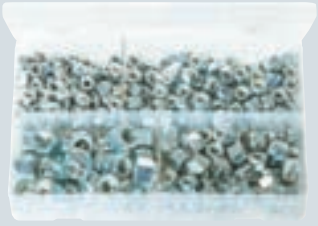
Zinc plated steel.
BS 4929 Equivalent.

Part No.	Box of
AB13N	290 Pieces

5 x UNF: 1/4", 5/16", 3/8", 7/16", 1/2".

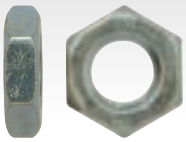
Assorted Box of Nylon Lock Nuts - UNC

Zinc plated steel.
BS 4929 Equivalent.



Part No.	Box of
AB14N	275 Pieces

4 x UNC: 1/4", 5/16", 3/8", 1/2".



Thin (Half) Nuts - Metric

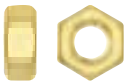
Zinc plated steel. DIN 439 Part 2.

Part No.	Pack of	Size
HNU108	200	M8
HNU110	100	M10
HNU112	50	M12
HNU114	50	M14
HNU116	50	M16

Wing Nuts - Metric

Zinc plated steel.

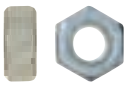
Part No.	Pack of	Size
HWN1	50	M5
HWN2	50	M6
HWN3	25	M8
HWN4	25	M10



Brass Nuts - BA

BS 57.

Part No.	Pack of	Size
HBN40	100	6BA
HBN41	100	4BA
HBN42	100	2BA



Steel Nuts - BA

Zinc plated steel. BS 57.

Part No.	Pack of	Size
HSN40	200	6BA
HSN41	200	4BA
HSN42	200	2BA

Metric Thread Pitch Sizes

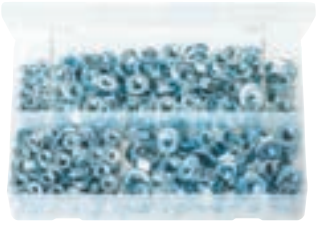
Below is a listing of the popular standard pitch sizes for all metric (coarse) threaded products.

Size	Pitch	Size	Pitch
M3	0.50 mm	M12	1.75 mm
M4	0.70 mm	M14	2.00 mm
M5	0.80 mm	M16	2.00 mm
M6	1.00 mm	M18	2.50 mm
M7	1.00 mm	M20	2.50 mm
M8	1.25 mm	M22	2.50 mm
M10	1.50 mm	M24	3.00 mm

Serrated Flange Nuts - Metric

Zinc plated steel. DIN 6923.

Part No.	Pack of	Size
HSN55	200	M5
HSN56	200	M6
HSN58	200	M8
HSN60	100	M10
HSN62	100	M12
HSN64	50	M14
HSN66	50	M16

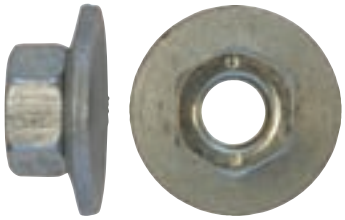


Assorted Box of Serrated Flange Nuts - Metric

Zinc plated steel. DIN 6923.

Part No.	Box of
AB104N	330 Pieces

5 x Sizes: M5, M6, M8, M10, M12.



Combi Nuts with Captive Washers

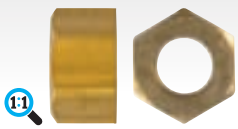
Zinc plated steel.

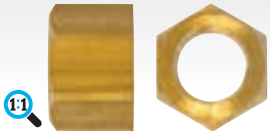
Part No.	Pack of	Size
HSN76	50	M6
HSN78	50	M8

Locknuts For Thermocouples

Brass

Part No.	Pack of	Description
GAS63	20	Thermocouple Locknuts





Exhaust Manifold Nuts - Brass

Part No.	Pack of	Size x Pitch
HBN5	50	M8 x 1.25 mm
HBN6	50	M10 x 1.25 mm

Exhaust Manifold Nuts - Copper Flashed Steel

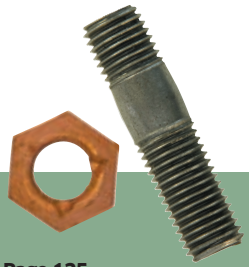
DIN 980.

Part No.	Pack of	Size x Pitch
HBN8	50	M8 x 1.25 mm
HBN7	50	M10 x 1.50 mm

Exhaust Manifold Nuts - Zinc Plated Steel

Non-serrated. Flanged tri-lock. 9/16" (14 mm) AF head. DIN 980. Grade 8.8.

Part No.	Pack of	Size
HBN10	50	M10 x 1.25 mm



Looking for Exhaust Manifold Studs?

Manifold Studs can be found back on Page 125

Repair Washers - Imperial

Zinc plated steel. 1.37/1.69 mm thickness.

Part No.	Pack of	I.D. x O.D.
HRW13	200	3/16" x 3/4"
HRW1	200	3/16" x 1"
HRW14	200	1/4" x 3/4"
HRW2	200	1/4" x 1"
HRW6	200	1/4" x 1 1/2"
HRW3	200	5/16" x 1"
HRW4	200	5/16" x 1 1/2"
HRW8	100	5/16" x 2"
HRW15	100	3/8" x 1 1/4"
HRW5	200	3/8" x 1 1/2"
HRW7	100	3/8" x 2"

Assorted Box of Repair Washers - Imperial

Zinc plated steel. 1.37/1.69 mm thickness.

Part No.	Box of
AB22N	220 Pieces

6 x Sizes (I.D. x O.D.): 3/16" x 1", 1/4" x 1", 1/4" x 1 1/2", 5/16" x 1", 5/16" x 1 1/2", 3/8" x 1 1/2".

Repair Washers - Metric

Zinc plated steel.

Part No.	Pack of	I.D. x O.D.
HRW520	200	M5 x 20
HRW620	100	M6 x 20
HRW830	200	M8 x 30
HRW1025	100	M10 x 25
HRW1040	100	M10 x 40

Flat Washers 'Form C' - Metric

Zinc plated steel.
BS 4320 Form C.

Part No.	Pack of	I.D. x O.D.
HFW59	1,000	M5 x 12.5
HFW60	500	M6 x 14
HFW61	500	M8 x 21
HFW62	250	M10 x 24
HFW63	250	M12 x 28
HFW64	100	M14 x 30
HFW65	100	M16 x 34
HFW66	100	M20 x 39
HFW67	50	M24 x 50

Flat Washers 'Form A' - Metric

Zinc plated steel.
DIN 125 Type A. Heavy Gauge.

Part No.	Pack of	I.D. x O.D.
HFW10	1,000	M3 x 7
HFW11	1,000	M4 x 9
HFW12	1,000	M5 x 10
HFW13	500	M6 x 12
HFW14	500	M8 x 17
HFW15	250	M10 x 21
HFW16	250	M12 x 24
HFW19	100	M14 x 28
HFW17	100	M16 x 30
HFW18	100	M20 x 37
HFW20	50	M24 x 44

Assorted Box of Flat Washers 'Form C' - Metric

Zinc plated steel. BS 4320 Form C.

Part No.	Box of
AB119N	620 Pieces

6 x Sizes: M6, M8, M10, M12, M14, M16.

Assorted Box of Flat Washers 'Form A' - Metric

Zinc plated steel. DIN 125 Type A. Heavy Gauge.

Part No.	Box of
AB76N	800 Pieces

9 x Sizes: M3, M4, M5, M6, M8, M10, M12, M16, M20.

Flat Washers 'Table 4' - Imperial

Zinc plated steel.
BS 3410 Table 4 (Heavy Gauge).

Part No.	Pack of	I.D. x O.D.
HFW40	1,000	3/16" x 1/2"
HFW41	500	1/4" x 5/8"
HFW42	500	5/16" x 3/4"
HFW43	500	3/8" x 7/8"
HFW44	200	7/16" x 1"
HFW45	200	1/2" x 1 1/8"
HFW46	100	9/16" x 1 1/4"
HFW47	100	5/8" x 1 3/8"
HFW48	100	3/4" x 1 5/8"
HFW49	50	7/8" x 1 7/8"
HFW50	50	1" x 2 1/8"
HFW51	25	1 1/8" x 2 3/8"
HFW52	25	1 1/4" x 2 5/8"
HFW53	25	1 3/8" x 2 7/8"
HFW54	25	1 1/2" x 3 1/8"

Flat Washers 'Table 3' - Imperial

Zinc plated steel.
BS 3410 Table 3 (Heavy Gauge).

Part No.	Pack of	I.D. x O.D.
HFW1	1,000	3/16" x 7/16"
HFW2	500	1/4" x 9/16"
HFW3	500	5/16" x 5/8"
HFW4	500	3/8" x 3/4"
HFW5	250	7/16" x 7/8"
HFW6	250	1/2" x 1"
HFW7	100	5/8" x 1 1/4"
HFW8	100	3/4" x 1 1/2"

Assorted Box of Flat Washers 'Table 4' - Imperial

Zinc plated steel. BS 3410 Table 4 (Heavy Gauge).

Part No.	Box of
AB109N	920 Pieces

6 x Sizes: 3/16" x 1/2", 1/4" x 5/8", 5/16" x 3/4", 3/8" x 7/8", 1/2" x 1 1/8", 5/8" x 1 3/8".

Assorted Box of Flat Washers 'Table 3' - Imperial

Zinc plated steel. BS 3410 Table 3 (Heavy Gauge).

Part No.	Box of
AB20N	800 Pieces

6 x Sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2".

Stainless Steel Flat Washers 'Form B' - Metric

Stainless Steel. BS 4320 [Table 1] Form B Grade A2.
*DIN 125A (BS 4320 [Table 1] Form A) Grade A2.

Part No.	Pack of	I.D. x O.D.
HIW105	1,000	M5 x 10 *
HIW106	500	M6 x 12
HIW108	500	M8 x 17
HIW110	250	M10 x 21

Assorted Box of Stainless Steel Flat Washers - Metric

Stainless Steel. BS 4320 [Table 1] Form B Grade A2. *DIN 125A (BS 4320 [Table 1] Form A) Grade A2.

Part No.	Box of
AB157	650 Pieces

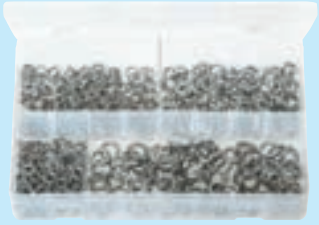
4 x Sizes: M5*, M6, M8, M10.

Stainless Steel Spring Washers - Metric

Stainless Steel. Square Section.
DIN 7980 Grade A2.

Part No.	Pack of	I.D.
HIP105	500	M5
HIP106	250	M6
HIP108	250	M8
HIP110	100	M10

Assorted Box of Stainless Steel Spring Washers - Metric



Stainless Steel. Square Section.
DIN 7980 Grade A2.

Part No.	Box of
AB158	650 Pieces

4 x Sizes: M5, M6, M8, M10.

Spring Washers - Metric

Zinc plated steel. Rectangular Section.
DIN 127B.

Part No.	Pack of	Size
HSW9	1,000	M4
HSW10	500	M5
HSW11	300	M6
HSW12	300	M8
HSW13	300	M10
HSW14	150	M12
HSW17	100	M14
HSW15	50	M16
HSW18	50	M18
HSW16	50	M20
HSW19	25	M24

Assorted Box of Spring Washers - Metric

Zinc plated steel. Rectangular Section.
DIN 127B.

Part No.	Box of
AB77N	1,015 Pieces

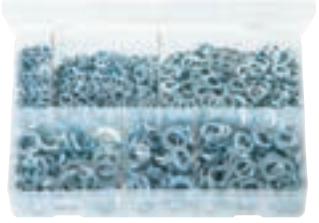
8 x Sizes: M4, M5, M6, M8, M10, M12, M16, M20.

Spring Washers - Imperial

Zinc plated steel. Rectangular Section.
ANSI B18.21.1 Table 2.

Part No.	Pack of	I.D.
HSW1	1,000	3/16"
HSW2	500	1/4"
HSW3	500	5/16"
HSW4	500	3/8"
HSW5	250	7/16"
HSW6	250	1/2"
HSW8	100	3/4"
HSW20	25	7/8"
HSW21	25	1"

Assorted Box of Spring Washers - Imperial



Zinc plated steel. Rectangular Section
ANSI B18.21.1 Table 2.

Part No.	Box of
AB21N	800 Pieces

6 x Sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2".

Copper Washers

WS 086.

Part No.	Pack of	I.D. x O.D.	Thickness	Equiv.
HCW5	100	3/16" x 7/16"	0.8 mm	(M5 x 11)
HCW6	100	1/4" x 9/16"	0.8 mm	(M6 x 14)
HCW8	100	5/16" x 5/8"	0.8 mm	(M8 x 16)
HCW10	100	3/8" x 3/4"	0.8 mm	(M10 x 19)
HCW11	100	7/16" x 7/8"	1.3 mm	
HCW12	100	1/2" x 1"	1.3 mm	(M12 x 25)

Assorted Box of Copper Washers - Imperial

WS 086.

Part No.	Box of
AB24N	400 Pieces

6 x Sizes: 3/16" x 7/16", 1/4" x 9/16", 5/16" x 5/8", 3/8" x 3/4", 7/16" x 7/8", 1/2" x 1" (M5, M6, M8, M10, M12).

Rivet Washers

Zinc plated steel.

Part No.	Pack of	Size	
PRW1	1,000	M3 x 13	(1/8" x 1/2")

Assorted Box of Shim Washers

Zinc plated steel.

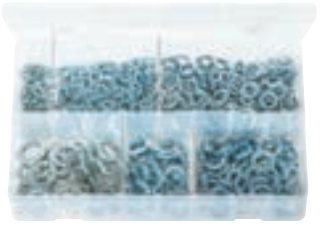
Part No.	Box of
AB28N	315 Pieces

8 x 0.010 Thick: 3/16" x 7/16", 1/4" x 9/16", 5/16" x 5/8", 3/8" x 3/4", 7/16" x 7/8", 1/2" x 1", 5/8" x 1 1/4", 3/4" x 1 1/2".
7 x 0.015 Thick: 1/4" x 9/16", 5/16" x 5/8", 3/8" x 3/4", 7/16" x 7/8", 1/2" x 1", 5/8" x 1 1/4", 3/4" x 1 1/2".

Lock Washers, Serrated Internal - Metric

Zinc plated steel. DIN 6798.

Part No.	Pack of	I.D.
HLW1	1,000	M5
HLW2	500	M6
HLW3	500	M8
HLW4	500	M10
HLW5	250	M11
HLW6	250	M13

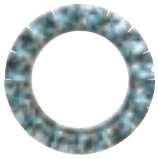


Assorted Box of Lock Washers Serrated - Internal

Zinc plated steel. DIN 6798.

Part No.	Box of
AB27N	800 Pieces

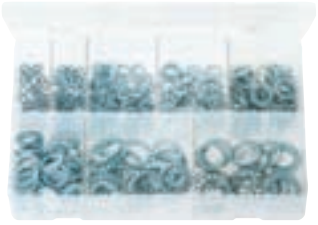
6 x Sizes: M5, M6, M8, M10, M11, M13.



Lock Washers, Serrated External - Metric

Zinc plated steel.

Part No.	Pack of	I.D.
HLW20	1,000	M4
HLW21	500	M5
HLW22	500	M6
HLW23	250	M8
HLW24	100	M10
HLW29	50	M12
HLW27	50	M14
HLW28	50	M16



Assorted Box of Lock Washers Serrated - External

Zinc plated steel.

Part No.	Box of
AB208N	440 Pieces

8 x Sizes: M4, M5, M6, M8, M10, M12, M14, M16.

Fibre Washers - Metric

DIN 7603A.

Part No.	Pack of	I.D. x O.D. x Thickness
HFB5	100	M5 x 9 x 1.0
HFB6	100	M6 x 10 x 1.0
HFB8	100	M8 x 12 x 1.0
HFB10	100	M10 x 14 x 1.0
HFB12	100	M12 x 18 x 1.5
HFB14	100	M14 x 20 x 1.5
HFB16	100	M16 x 22 x 1.5
HFB18	100	M18 x 24 x 1.5

Assorted Box of Fibre Washers - Metric

DIN 7603A.

Part No.	Box of
AB143	600 Pieces

8 x Sizes: M5 x 9 x 1.0, M6 x 10 x 1.0, M8 x 12 x 1.0, M10 x 14 x 1.0, M12 x 18 x 1.5, M14 x 20 x 1.5, M16 x 22 x 1.5, M18 x 24 x 1.5.

Fibre Washers - Imperial

WS 010.

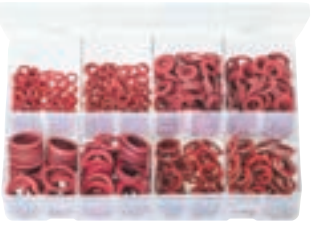
Part No.	Pack of	I.D. x O.D. x Thickness
HFB31	100	13/64" x 3/8" x 1/16"
HFB32	100	1/4" x 3/8" x 1/16"
HFB33	100	5/16" x 5/8" x 1/16"
HFB34	100	3/8" x 5/8" x 1/16
HFB35	100	29/64" x 11/16" x 1/16
HFB36	100	1/2" x 11/16" x 1/16
HFB37	100	5/8" x 7/8" x 1/16
HFB38	100	49/64" x 1" x 1/16

Assorted Box of Fibre Washers - Imperial

WS 010.

Part No.	Box of
AB25N	600 Pieces

8 x Sizes: 13/64" x 3/8", 1/4" x 3/8", 5/16" x 5/8", 3/8" x 5/8", 29/64" x 11/16", 1/2" x 11/16", 5/8" x 7/8", 49/64" x 1".



Aluminium Washers - Metric

DIN 7603A

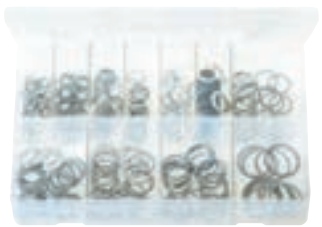
Part No.	Pack of	I.D. x O.D. x Thickness
HAW610	100	M6 x 10 x 1.0
HAW811	100	M8 x 11 x 1.0
HAW1013	100	M10 x 13 x 1.0
HAW1014	100	M10 x 14 x 1.0
HAW1216	100	M12 x 16 x 1.5
HAW1218	100	M12 x 18 x 1.5
HAW1418	100	M14 x 18 x 1.5
HAW1420	100	M14 x 20 x 1.5
HAW1620	100	M16 x 20 x 1.5
HAW1721	100	M17 x 21 x 1.5
HAW2227	100	M22 x 27 x 1.0

Assorted Box of Aluminium Washers - Metric

DIN 7603A.

Part No.	Box of
AB149	260 Pieces

11 x Sizes: M6 x 10, M8 x 11, M10 x 13, M10 x 14, M12 x 16, M12 x 18, M14 x 18, M14 x 20, M16 x 20, M17 x 21, M22 x 27.



Copper Compression Washers - Metric

Oval section.

Part No.	Pack of	I.D. x O.D. x Thickness
HCC610	100	6 x 10 x 1.5 mm
HCC812	100	8 x 12 x 1.5 mm
HCC1014	100	10 x 14 x 1.5 mm
HCC1218	50	12 x 18 x 2.0 mm
HSU10	50	14 x 20 x 2.0 mm
HSU11	50	16 x 22 x 2.0 mm
HSU12	50	18 x 24 x 2.0 mm
HCC2026	50	20 x 26 x 2.0 mm
HCC2227	50	22 x 27 x 2.0 mm
HCC2632	50	26 x 32 x 2.5 mm

Copper Sealing Washers - Metric

DIN 7603A.

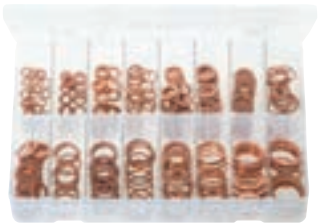
Part No.	Pack of	I.D. x O.D. x Thickness
HCU509	100	M5 x 9 x 1.0
HCU610	100	M6 x 10 x 1.0
HCU612	100	M6 x 12 x 1.0
HCU609	100	M6.5 x 9.5 x 1.0
HCU811	100	M8 x 11.5 x 1.0
HCU812	100	M8 x 12 x 1.0
HCU814	100	M8 x 14 x 1.0
HCU914	100	M9 x 14 x 1.0
HCU1013	100	M10 x 13.5 x 1.0
HCU1014	100	M10 x 14 x 1.0
HCU1016	100	M10 x 16 x 1.0
HCU10165	100	M10 x 16 x 1.5
HCU1021	100	M10 x 21 x 1.0
HCU1117	50	M11 x 17 x 1.5
HCU1216	100	M12 x 16 x 1.5
HCU1218	100	M12 x 18 x 1.5
HCU1318	50	M13 x 18 x 1.5
HCU14180	50	M14 x 18 x 1.0
HCU1418	100	M14 x 18 x 1.5
HCU1420	100	M14 x 20 x 1.5
HCU1520	50	M15 x 20 x 2.0
HCU1620	100	M16 x 20 x 1.5
HCU1622	100	M16 x 22 x 1.5
HCU1624	50	M16 x 24 x 1.5
HCU1721	50	M17 x 21 x 1.5
HCU1723	50	M17 x 23 x 1.5
HCU1725	50	M17.5 x 25 x 2.0
HCU1822	100	M18 x 22 x 1.5
HCU1824	100	M18 x 24 x 1.5
HCU2026	100	M20 x 26 x 1.5
HCU2024	50	M20 x 24 x 1.5
HCU2125	100	M21 x 25 x 1.0
HCU2227	50	M22 x 27 x 1.5
HCU2430	100	M24 x 30 x 2.0
HCU2634	50	M26 x 34 x 2.0
HCU2834	25	M28 x 34 x 2.0
HCU3038	25	M30 x 38 x 2.0
HCU3240	25	M32 x 40 x 2.0
HCU3545	25	M35 x 45 x 2.0

Assorted Box of Copper Sealing Washers - Metric

DIN 7603A.

Part No.	Box of
AB106	250 Pieces

16 x Sizes: M5 x 9 x 1.0, M6 x 10 x 1.0, M6 x12 x 1.0, M8 x 12 x 1.0, M8 x 14 x 1.0, M10 x 14 x 1.0, M10 x 16 x 1.0, M12 x 16 x 1.5, M12 x 18 x 1.5, M14 x 18 x 1.5, M14 x 20 x 1.5, M16 x 20 x 1.5, M16 x 22 x 1.5, M18 x 22 x 1.5, M18 x 24 x 1.5, M20 x 26 x 1.5 mm.



Copper Sealing Washers - Imperial/BSP

Part No.	Pack of	I.D. x O.D. x Thickness	Size	
HCU23	100	.265 x .375 x 20g	1/4"	
HCU24	100	.265 x .437 x 20g	1/4"	
HCU25	100	.265 x .500 x 20g	1/4"	
HCU34	100	.323 x .437 x 20g	5/16"	
HCU35	100	.323 x .500 x 20g	5/16"	
HCU46	100	.390 x .590 x 20g	(3/8")	1/8" BSP
HCU48	100	.390 x .590 x 18g	(3/8")	1/8" BSP
HCU57	100	.530 x .720 x 20g		1/4" BSP
HCU58	100	.530 x .750 x 18g		1/4" BSP
HCU68	100	.665 x .875 x 18g	(21/32")	3/8" BSP
HCU80	100	.830 x 1.00 x 18g	(13/16")	1/2" BSP
HCU81	100	.830 x 1.04 x 18g	(13/16")	1/2" BSP
HCU91	100	.910 x 1.13 x 16g	(29/32")	5/8" BSP
HCU93	100	1.05 x 1.32 x 16g		3/4" BSP
HCU95	100	1.20 x 1.50 x 16g		7/8" BSP
HCU96	100	1.32 x 1.62 x 16g	(1 5/16")	1" BSP

Assorted Box of Copper Sealing Washers - Imperial/BSP

Part No.	Box of
AB23	225 Pieces

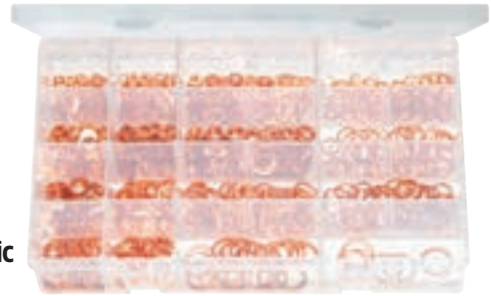
16 x Sizes: 1/4" (.265 x .375 x 20g), 1/4" (.265 x .437 x 20g), 1/4" (.265 x .500 x 20g), 5/16" (.323 x .437 x 20g), 5/16" (.323 x .500 x 20g), 1/8" BSP (3/8") (.390 x .590 x 20g), 1/8" BSP (3/8") (.390 x .590 x 18g), 1/4" BSP (.530 x .720 x 20g), 1/4" BSP (.530 x .750 x 18g), 3/8" BSP (21/32") (.665 x .875 x 18g), 1/2" BSP (13/16") (.830 x 1.00 x 18g), 1/2" BSP (13/16") (.830 x 1.04 x 18g), 5/8" BSP (29/32") (.910 x 1.13 x 16g), 3/4" BSP (1.05 x 1.32 x 16g), 7/8" BSP (1.20 x 1.50 x 16g), 1" BSP (15/16") (1.32 x 1.62 x 16g).

MAX BOX

'Max Box' Assortment of Copper Sealing Washers - Metric

DIN 7603A.

Part No.	Box of
AB505	1,050 Pieces



16 Sizes: M5 x 9 x 1.0, M6 x 10 x 1.0, M6 x12 x 1.0, M8 x 12 x 1.0, M8 x14 x 1.0, M10 x 14 x 1.0, M10 x16 x 1.0, M12 x 16 x 1.5, M12 x18 x 1.5, M14 x 18 x 1.5, M14 x 20 x 1.5, M16 x 20 x 1.5, M16 x 22 x 1.5, M18 x 22 x 1.5, M18 x 24 x 1.5, M20 x 26 x 1.5 mm.

Bonded Seals (Dowty Washers) - Metric

Metal with black nitrile rubber (NBR). Self centralising.

Part No.	Pack of	Size	Centralising Lip I.D.
HSL10	50	M10	8.05 mm
HSL12	50	M12	9.73 mm
HSL14	50	M14	11.38 mm
HSL16	50	M16	13.41 mm
HSL18	50	M18	14.76 mm
HSL20	50	M20	16.76 mm
HSL22	25	M22	18.74 mm
HSL24	25	M24	20.11 mm

Bonded Seals (Dowty Washers) - BSP

Metal with black nitrile rubber (NBR). Self centralising.

Part No.	Pack of	Size	Centralising Lip I.D.
HSL41	50	1/8" BSP	8.26 mm
HSL42	50	1/4" BSP	11.18 mm
HSL43	50	3/8" BSP	14.76 mm
HSL44	50	1/2" BSP	18.24 mm
HSL45	25	5/8" BSP	20.27 mm
HSL46	25	3/4" BSP	23.83 mm
HSL48	25	1" BSP	29.92 mm

Assorted Box of Bonded Seals (Dowty Washers) - Metric

Metal with black nitrile rubber (NBR). Self centralising.

Part No.	Box of
AB107	90 Pieces

8 x Sizes: M10, M12, M14, M16, M18, M20, M22, M24.

Assorted Box of Bonded Seals (Dowty Washers) - BSP

Metal with black nitrile rubber (NBR). Self centralising.

Part No.	Box of
AB67N	100 Pieces

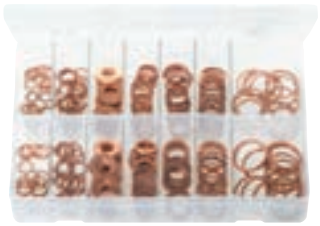
7 x Sizes: 1/8" BSP, 1/4" BSP, 3/8" BSP, 1/2" BSP, 5/8" BSP, 3/4" BSP, 1" BSP.

Assorted Box of Copper Sealing Washers (Diesel Injector Washers)

Copper. DIN 7603A.

Part No.	Box of
AB142	250 Pieces

16 x Sizes: M6 x 10 x 1.0 (BOSCH 2916 710 602),
M8 x 11.5 x 1.0 (LUCAS NW5-17W4, BOSCH 2916 710 646),
M10 x 13.5 x 1.0 (BOSCH 2916 710 605),
M10 x 14 x 1.0 (BOSCH 2916 710 649),
M10 x 20 x 1.0 (MAN/PERKINS P:2411126),
M10 x 20 x 2.0 (LUCAS 5339401, PERKINS P:0920113),
M12 x 16 x 1.5 (BOSCH 2916 710 607),
M12 x 18 x 1.5 (BOSCH 2916 710 608),
M14 x 18 x 1.5 (BOSCH 2916 710 609),
M14 x 20 x 1.5 (BOSCH 2916 710 610),
M16 x 20 x 1.5 (BOSCH 2916 710 611),
M17 x 21 x 1.5 (BOSCH 2916 710 611, GM 14025557),
M21 x 25 x 1.0 (LUCAS NW5/59), M22 x 27 x 1.0 (LUCAS NW5/60).



Air Conditioning O-Rings Kit

Highly saturated nitrile O-rings for use with Freon R134a.
Supplied in a hinged plastic case.

Part No.	Description
HAC200	270 Piece Kit

18 x Sizes (I.D. x Thickness):
5.29 x 1.78 (7/32" x 1/16"), (1/4" x 1/16"),
6.07 x 1.78, 6.8 x 1.9, 7.65 x 1.78 (5/16" x 1/16"),
7.8 x 1.9, 8 x 2, 8.8 x 1.9 (20 pcs).
10.82 x 1.78 (7/16" x 1/16"),
10.77 x 2.62 (7/16" x 3/32"), 11 x 2, 12 x 2 (15 pcs).
13.9 x 1.8, 13.95 x 2.62 (9/16" x 3/32"), 14 x 2, 15 x 2, 17 x 2, 17.17 x 1.78 (11/16" x 1/16"),
17.04 x 3.53 mm (11/16" x 1/8") (10 pcs).

Copper Compression Washers - Metric

Oval section.

Part No.	Pack of	I.D. x O.D. x Thickness
HCC610	100	6 x 10 x 1.5 mm
HCC812	100	8 x 12 x 1.5 mm
HCC1014	100	10 x 14 x 1.5 mm
HCC1218	50	12 x 18 x 2.0 mm
HSU10	50	14 x 20 x 2.0 mm
HSU11	50	16 x 22 x 2.0 mm
HSU12	50	18 x 24 x 2.0 mm
HCC2026	50	20 x 26 x 2.0 mm
HCC2227	50	22 x 27 x 2.0 mm
HCC2632	50	26 x 32 x 2.5 mm

Sump Plug Washers

Copper Compression Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU45	50	12 x 17 x 2.0 mm

Suits TOYOTA Auris, Avensis, Camry, Carina, Celica, Corolla, Corona, Hiace, Hilux, Land Cruiser, Prius, Rav 4, Starlet, Supra, Yaris.

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU1022	50	10 x 20 x 2.0 mm

Suits CITROËN Berlingo, C1, C2, C3, C4, C5, C6, Xantia, Xsara. FIAT Scudo. MINI R56, R55, Clubman. PEUGEOT 107, 206, 207, 306, 307, 308, 406, 407, 607, 806, 807, 1007, 4007, Bipper, Expert, Partner. TOYOTA Aygo, Corolla. VOLVO C30, S40 II, V50.

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU14	50	14 x 20 x 2.0 mm

Suits VAUXHALL, VW.

Copper Compression Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU10	50	14 x 20 x 2.0 mm

Suits CITROËN (9/93>), PEUGEOT (9/93>).

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU1217	50	12 x 17 x 1.5 mm

Suits BMW Series 1, 3, 5, 6, 7, X3, X5, X6, Z1, Z3, Z4.

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU26	50	16.3 x 25.4 x 2.0 mm

Suits ROVER Mini, Metro & 100 Series.

Copper Compression Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU11	50	16 x 22 x 2.0 mm

Suits CITROËN (<9/93), PEUGEOT (<9/93), RENAULT 5, FIAT (Diesel), ROVER (Diesel).

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU27	50	14 x 19 x 2.0 mm

Suits ROVER (Non-HONDA Engines inc. K Series, Except Diesel & Mini A Series).

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU1826	50	18 x 26 x 1.5 mm

Suits ALFA ROMEO 145, 146, 147, 155, 156, 159, 166, Brera, GT, GTV, Spider. FIAT Brava, Bravo, Coupe, Doblo, Idea, Mera, Multipla. Stilo, Strada. LANCIA Detra, Kappa, Lybra, Musa, Thesis. SUZUKI SX4.

Copper Compression Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU12	50	18 x 24 x 2.0 mm

Suits RENAULT (Except RENAULT 5).

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU1420	50	14 x 20 x 1.5 mm

Suits VAUXHALL Astra, Cavalier, Combo, Corsa, Corsavan, Nova. OPEL/ VAUXHALL Ascona, Astra, Calibra, Carlton, Cavalier, Corsa, Frontera, Kadett, Manta, Nova, Omega, Rekord, Senator, Tigra, Vectra, Zafira. CHRYSLER 300 C, PT Cruiser, Voyager. MERCEDES Klasse A, B, CE, G, V, GL, MSL, SLK, Sprinter, T1, Vaneo, Vito. AUDI 80, 90, 100, 200, A4, A6, A8, Quattro. SEAT Ibiza, Inca. SKODA Fabia, Felica. VW Caddy, Fox, Golf I.

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU35	50	19 x 26 x 2.0 mm

Suits VOLVO (Other than 3 Series).

1:1 Actual Size Images

PLEASE NOTE:
Vehicle listings for sump plugs are for guidance only

Looking for Sump Plugs?

Our Sump Plug range starts on Page 270

Nitrile Rubber O-Rings

Part No.	Pack of	I.D. x Thickness
HSU50	50	18 x 2 NBR

Suits VAUXHALL Astra F G H, Combo, Corsa B C D, Vectra B C.

Flanged Rubber O-Rings

Part No.	Pack of	I.D. x O.D. x Thickness
HSU60	50	11 x 21 x 2.5 mm

Suits VAUXHALL Astra G, Omega B, Signum, Vectra BC, Zafira.

Flanged Rubber O-Rings

Part No.	Pack of	I.D. x O.D. x Thickness
HSU51	50	13 x 22 x 3.0 mm

Suits CHRYSLER 300, Caravan, Cirrus, Crossfire, Le Baron, Neo, PT Cruiser, Sebring, Stratus, Voyager.
FORD C-Max, Cougar, Courier, Escort, Fiesta, Focus, C-Max Focus, Fusion, Galaxy, Ka, Maverick, Mondeo, Puma, S-Max, Transit.

Nylon Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU19	50	13 x 20 x 2.0 mm

Suits FORD OHV.

Nylon Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU20	50	14.5 x 22 x 2.0 mm

Suits FORD OHC.

Aluminium Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU1215	50	12 x 15 x 1.5 mm

Suits BMW Series 1, 3, 5, 6, 7, X3, X5, X6, Z1, Z3, Z4.

Aluminium Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU1217AL	50	12 x 17 x 1.5 mm

Suits BMW Series 1, 2, 3,5, 7, 8, X5, Z4.
MERCEDES 190, SL, CLK, T1, Klasse C, E, G, S. MINI One D.

Aluminium Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU25	50	14 x 22 x 2.0 mm

Suits ROVER, HONDA.

Aluminium Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU1824AL	50	18 x 24 x 1.5 mm

Suits VOLVO, PORSCHE.

Aluminium Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU30	50	22 x 27 x 1.5 mm

Suits FIAT (Except Diesel), MERCEDES (Some).

Fibre Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU40	50	12 x 24 x 2.0 mm

Suits TOYOTA Auris, Avensis, Camry, Carina, Celica, Corolla, Corona, Hiace, Hilux, Land Cruiser, Prius, Rav 4, Starlet, Supra, Yaris.

Fibre Washers

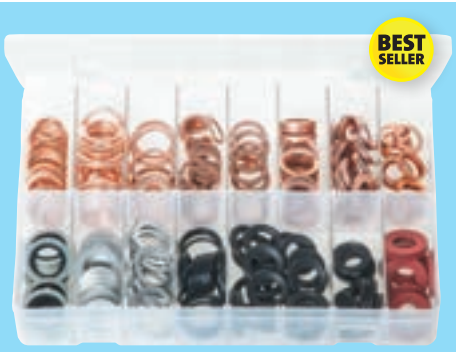
Part No.	Pack of	I.D. x O.D. x Thickness
HSU41	50	18 x 29 x 2.0 mm

Suits TOYOTA (Large Engines inc. Supra).

Bonded Seals

Part No.	Pack of	I.D. x O.D.
HSU21	50	16.7 x 24 mm

Suits FORD Mondeo (Zetec Engines). FORD Focus & KA.



Sump Plug Washers

Part No.	Box of
AB117N	265 Pieces

4 x Copper Compression: 12 x 17 x 2.00, 14 x 20 x 2.0, 16 x 22 x 2.0, 18 x 24 x 2.0 mm.
4 x Flat Copper: 10 x 20 x 2.00, 12 x 17 x 1.5, 14 x 20 x 1.5, 14 x 20 x 2.0 mm.
2 x Aluminium: 14 x 22 x 2.0, 18 x 24 x 1.5 mm.
2 x Flanged Rubber O-ring: 11 x 21 2.5, 13 x 22 x 3.0 mm.
1 x Nitrile Rubber O-Ring: 18 x 2 NBR.
1 x Fibre: 12 x 24 x 2.0 mm.
1 x Bonded Seal: 16.7 x 24 mm.

O-Rings - Imperial

Nitrile rubber. BS 1806.

Part No.	Pack of	I.D. x Thickness	ARP/BS
AB101/1	100	2.90 x 1.78 mm	006
AB101/9	100	10.78 x 2.62 mm	111
AB101/16	100	20.22 x 3.53 mm	211
AB101/20	100	26.58 x 3.53 mm	215
AB101/22	100	29.75 x 3.53 mm	217
AB101/23	100	31.34 x 3.53 mm	218
AB101/24	100	32.92 x 3.53 mm	219
AB101/25	100	34.52 x 3.53 mm	220
AB101/26	100	36.10 x 3.53 mm	221
AB101/28	100	37.47 x 5.33 mm	325
AB101/29	100	40.65 x 5.33 mm	326
AB101/30	100	43.82 x 5.33 mm	327

O-Rings Service Kit - Imperial

Nitrile rubber. BS 1806.

Part No.	Box of
AB101	382 Pieces

30 x Sizes (ARP/BS) I.D. x Thickness: 2.90 x 1.78 (006), 3.68 x 1.78 (007), 4.48 x 1.78 (008), 5.28 x 1.78 (009), 6.07 x 1.78 (010), 7.66 x 1.78 (011), 9.25 x 1.78 (012), 9.19 x 2.62 (110), 10.78 x 2.62 (111), 12.37 x 2.62 (112), 13.95 x 2.62 (113), 15.54 x 2.62 (114), 17.13 x 2.62, (115), 18.72 x 2.62 (116), 18.64 x 3.53 (210), 20.22 x 3.53 (211), 21.82 x 3.53 (212), 23.40 x 3.53 (213), 24.99 x 3.53 (214), 26.58 x 3.53 (215), 28.17 x 3.53 (216), 29.75 x 3.53 (217), 31.34 x 3.53 (218), 32.92 x 3.53 (219), 34.52 x 3.53 (220), 36.10 x 3.53 (221), 37.69 x 3.53 (222), 37.47 x 5.33 (325), 40.65 x 5.33 (326), 43.82 x 5.33 (327).

O-Rings Service Kit - Metric

Nitrile rubber. BS 4518.

Part No.	Box of
AB100	404 Pieces

30 x Sizes (Peg Ref) I.D. x Thickness: 3 x 2 (006), 4 x 2 (007), 5 x 2 (008), 6 x 2 (009), 7 x 2 (010), 8 x 2 (011), 10 x 2 (012), 10 x 2.5 (110), 11 x 2.5 (111), 12 x 2.5 (112), 14 x 2.5 (113), 16 x 2.5 (114), 17 x 2.5 (115), 19 x 2.5 (116), 19 x 3 (210), 20 x 3 (211), 22 x 3 (212), 24 x 3 (213), 25 x 3 (214), 27 x 3 (215), 28 x 3 (216), 30 x 3 (217), 32 x 3 (218), 33 x 3 (219), 35 x 3 (220), 36 x 3 (221), 38 x 3 (222), 38 x 4 (325), 41 x 4 (326), 44 x 4 mm (327).

O-Rings - Metric

Nitrile rubber. BS 4518.

Part No.	Pack of	I.D. x Thickness	Peg No.
AB100/1	100	3 x 2 mm	006
AB100/2	100	4 x 2 mm	007
AB100/3	100	5 x 2 mm	008
AB100/4	100	6 x 2 mm	009
AB100/5	100	7 x 2 mm	010
AB100/6	100	8 x 2 mm	011
AB100/7	100	10 x 2 mm	012
AB100/8	100	10 x 2.5 mm	110
AB100/9	100	11 x 2.5 mm	111
AB100/10	100	12 x 2.5 mm	112
AB100/11	100	14 x 2.5 mm	113
AB100/12	100	16 x 2.5 mm	114
AB100/13	100	17 x 2.5 mm	115
AB100/14	100	19 x 2.5 mm	116
AB100/15	100	19 x 3 mm	210
AB100/16	100	20 x 3 mm	211
AB100/17	100	22 x 3 mm	212
AB100/18	100	24 x 3 mm	213
AB100/19	100	25 x 3 mm	214
AB100/20	100	27 x 3 mm	215
AB100/21	100	28 x 3 mm	216
AB100/22	100	30 x 3 mm	217
AB100/23	100	32 x 3 mm	218
AB100/24	100	33 x 3 mm	219
AB100/25	100	35 x 3 mm	220
AB100/26	100	36 x 3 mm	221
AB100/27	100	38 x 3 mm	222
AB100/28	100	38 x 4 mm	325
AB100/29	100	42 x 4 mm	326
AB100/30	100	45 x 4 mm	327

Assorted Box of O-Rings - Imperial

Nitrile rubber. BS 1806.

Part No.	Box of
AB61	325 Pieces

10 x ARP/BS: 008, 010, 011, 012, 013, 014, 016, 116, 118, 120.

Assorted Box of O-Rings - Metric

Nitrile rubber. BS 4518.

Part No.	Box of
AB81	325 Pieces

4 x I.D. x Thickness: 4.1 x 1.6, 6.1 x 1.6, 10.1 x 1.6, 12.1 x 1.6.
4 x I.D. x Thickness: 7.6 x 2.4, 9.6 x 2.4, 11.6 x 2.4, 12.6 x 2.4
2 x I.D. x Thickness: 19.5 x 3.0, 24.5 x 3.0.

O-Ring Splicing Kit

Nitrile rubber.

Part No.	Description
AB126	14 Piece Kit

5 x Imperial Nitrile Rubber Cord, 1 m Lengths: 1/16", 3/32", 1/8", 3/16", 1/4".
6 x Metric Nitrile Rubber Cord, 1 m Lengths: 1.6, 2, 3, 4, 5, 5.7 mm.
1 x Trimming Knife. 1 x Cutting Block.
1 x S-A-S Super Glue: 5g.

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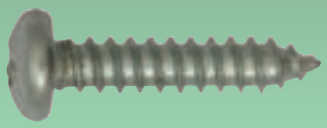
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Hardware + Trim Clips

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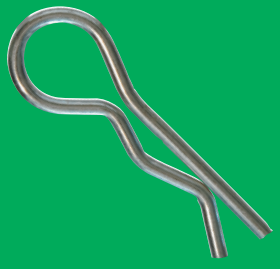
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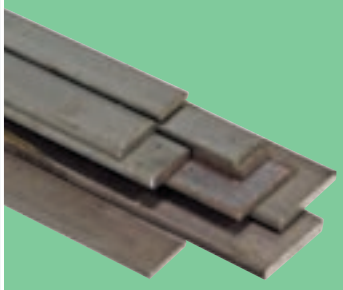
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146 Number Plate Screws
148 Self Tapping Screws
151 Self Drilling Screws
151 Sheet Metal Screws
152 Body Sems Screws
154 Speed Nuts
156 Spring Fasteners
156 Spring Clips
157 Rivets
160 Rivet Tools
162 Clips + Pins
166 Steel Stock
168 Trim Buttons
169 Fir-Tree Fixings
171 Push Rivets
174 Drive Rivets
176 Screw-Type Rivets
178 Trim Clip Workshop Kit
179 Trim Clip Wall Charts
180 Locking Nuts
181 Grommets
182 Panel Clips
185 Side Moulding Clips
186 Miscellaneous Clips
188 Pipe + Rod Clips
190 Trim Rivets
191 Trim Clips by OEM Ref - Vehicle Marque

Number Plate Fasteners - Self-Tappers with Plastic Head - Long

Part No.	Pack of	Colour	Size
NP10	100	White	4.8 x 24 mm
NP11	100	Yellow	4.8 x 24 mm
NP12	100	Black	4.8 x 24 mm
NP21	100	Blue	4.8 x 24 mm
NP40	100	Green	4.8 x 24 mm

Number Plate Fasteners - Plastic Number Plate Bolts & Nuts - Long

Part No.	Pack of	Colour	Size
NP24	100 Pairs	No. Plate White	6 x 22 mm
NP25	100 Pairs	Yellow	6 x 22 mm
NP26	100 Pairs	Black	6 x 22 mm

Number Plate Fasteners - Self-Tappers with Plastic Head - Short

Part No.	Pack of	Colour	Size
NP16	100	White	4.8 x 18 mm
NP17	100	Yellow	4.8 x 18 mm
NP18	100	Black	4.8 x 18 mm
NP20	100	Blue	4.8 x 18 mm
NP39	100	Green	4.8 x 18 mm

Number Plate Fasteners - Plastic Number Plate Bolts & Nuts - Short

Part No.	Pack of	Colour	Size
NP1	100 Pairs	No. Plate White	6 x 18 mm
NP2	100 Pairs	Yellow	6 x 18 mm
NP5	100 Pairs	Black	6 x 18 mm

Assorted Box of Number Plate Fasteners with Plastic Head - Short

Self tapping screws with plastc head, 4.8 x 18 mm.

Part No.	Box of
AB184	260 Pieces

4 x Colours: White Yellow, Black, Blue.

Assorted Box of Number Plate Fasteners

White, Yellow, Black.

Part No.	Box of
AB62	240 Pairs

1 x Self-Tapping Screw, Pan Head - Pozi: 8 x 3/4" (4.9 x 19 mm).
3 x Hinged Caps: White, Yellow, Black.
3 x Plastic Bolts & Nuts: White, Yellow, Black.

1:1 Actual Size Images

Number Plate Fasteners - Self-Tappers with Domes and Cups

No. 8 x 3/4" (4.2 x 19mm) Pan Head - Pozi.

Part No.	Pack of	Colour	Size
NP7	100 Sets	White	4.2 x 19 mm
NP8	100 Sets	Yellow	4.2 x 19 mm
NP9	100 Sets	Black	4.2 x 19 mm
NP22	100 Sets	Blue	4.2 x 19 mm

Number Plate Fasteners - Domes & Cups

Can be used with Pan Head Pozi Self-Tapping Screw - No. 8.

Part No.	Pack of	Colour
NP13	100 Pairs	White
NP14	100 Pairs	Yellow
NP15	100 Pairs	Black
NP23	100 Pairs	Blue

Double-Sided Adhesive Pads - Number Plate Pads

Part No.	Pack of	Size
VC401	20 x 3	80 x 25 mm

Number Plate Fasteners - Self-Tappers with Hinged Caps

No. 8 x 3/4" (4.2 x 19mm) Pan Head - Pozi.

Part No.	Pack of	Colour	Size
NP3	100 Pairs	White	4.2 x 19 mm
NP4	100 Pairs	Yellow	4.2 x 19 mm
NP6	100 Pairs	Black	4.2 x 19 mm
NP19	100 Pairs	Blue	4.2 x 19 mm
NP37	100 Pairs	Green	4.2 x 19 mm

Security Number Plate Fasteners - Self-Tappers with Hinged Caps

No. 8 x 3/4" (4.2 x 19mm) Pan Head - Slotted One Way/Clutch Head Screws (Tamperproof).

Part No.	Pack of	Colour	Size
NP33	100 Pairs	White	4.2 x 19 mm
NP34	100 Pairs	Yellow	4.2 x 19 mm
NP35	100 Pairs	Black	4.2 x 19 mm
NP36	100 Pairs	Blue	4.2 x 19 mm
NP38	100 Pairs	Green	4.2 x 19 mm

Assorted Box of Security Number Plate Fasteners

Slotted One Way/Clutch Head Screws (Tamperproof).

Part No.	Box of
AB222	200 Pieces

1 x Self-Tapping Screw, Pan-Head - One-Way: 8 x 3/4" (4.9 x 19 mm).
4 x Hinged Caps: White, Yellow, Black, Blue.

Self-Tapping Screws Pan Head - Pozi

AB Type. Zinc plated steel. DIN 7981/C/Z.

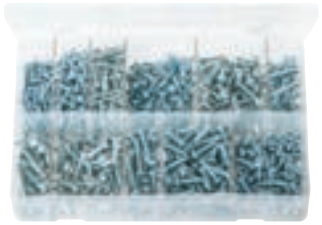
Part No.	Pack of	Gauge x Length	Size x Length
HTP4/4	200	4 x 1/2"	2.9 x 13 mm
HTP4/6	200	4 x 3/4"	2.9 x 19 mm
HTP6/4	200	6 x 1/2"	3.5 x 13 mm
HTP6/5	200	6 x 5/8"	3.5 x 16 mm
HTP6/6	200	6 x 3/4"	3.5 x 19 mm
HTP6/8	200	6 x 1"	3.5 x 25 mm
HTP6/10	200	6 x 1 1/4"	3.5 x 32 mm
HTP8/4	200	8 x 1/2"	4.2 x 13 mm
HTP8/5	200	8 x 5/8"	4.2 x 16 mm
HTP8/6	200	8 x 3/4"	4.2 x 19 mm
HTP8/8	200	8 x 1"	4.2 x 25 mm
HTP8/12	100	8 x 1 1/2"	4.2 x 38 mm
HTP10/4	200	10 x 1/2"	4.8 x 13 mm
HTP10/5	200	10 x 5/8"	4.8 x 16 mm
HTP10/6	200	10 x 3/4"	4.8 x 19 mm
HTP10/8	200	10 x 1"	4.8 x 25 mm
HTP10/10	200	10 x 1 1/4"	4.8 x 32 mm
HTP10/12	200	10 x 1 1/2"	4.8 x 38 mm
HTP12/4	200	12 x 1/2"	5.5 x 13 mm
HTP12/6	200	12 x 3/4"	5.5 x 19 mm
HTP12/8	200	12 x 1"	5.5 x 25 mm
HTP12/12	200	12 x 1 1/2"	5.5 x 38 mm
HTP12/16	100	12 x 2"	5.5 x 51 mm
HTP12/24	100	12 x 3"	5.5 x 76 mm
HTP14/6	100	14 x 3/4"	6.3 x 19 mm
HTP14/8	200	14 x 1"	6.3 x 25 mm
HTP14/12	200	14 x 1 1/2"	6.3 x 38 mm

Assorted Box of Self-Tapping Screws Pan Head - Pozi (Small Sizes)

AB Type. Zinc plated steel. DIN 7981/C/Z.

Part No.	Box of
AB2	700 Pieces

1 x No. 4: x 1/2". 2 x No. 6: x 1/2", 3/4".
3 x No. 8: x 1/2", 3/4", 1". 3 x No. 10: x 1/2", 3/4", 1".
2 x No. 12: x 3/4", 1".

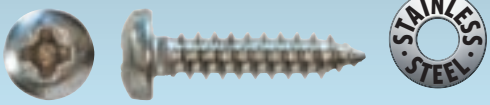


Assorted Box of Self-Tapping Screws Pan Head - Pozi (Large Sizes)

AB Type. Zinc plated steel. DIN 7981/C/Z.

Part No.	Box of
AB94	300 Pieces

4 x No. 10: x 1/2", 3/4", 1", 1 1/2".
3 x No. 12: x 3/4", 1", 1 1/2". 2 x No. 14: x 1", 1 1/2".



Stainless Steel Self-Tapping Screws Pan Head - Pozi

AB Type. Stainless Steel. DIN 7981 Grade A2.

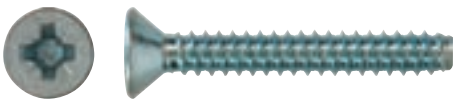
Part No.	Pack of	Gauge x Length	Size x Length
HTA6/4	200	6 x 1/2"	3.5 x 13 mm
HTA6/6	200	6 x 3/4"	3.5 x 19 mm
HTA6/8	200	6 x 1"	3.5 x 25 mm
HTA8/4	200	8 x 1/2"	4.2 x 13 mm
HTA8/6	200	8 x 3/4"	4.2 x 19 mm
HTA8/8	200	8 x 1"	4.2 x 25 mm
HTA10/4	200	10 x 1/2"	4.8 x 13 mm
HTA10/6	200	10 x 3/4"	4.8 x 19 mm
HTA10/8	200	10 x 1"	4.8 x 25 mm

Assorted Box of Stainless Steel Self-Tapping Screws Pan Head - Pozi

AB Type. Stainless Steel. DIN 7981 Grade A2.

Part No.	Box of
AB141	450 Pieces

3 x No. 6: x 1/2", 3/4", 1". 3 x No. 8: x 1/2", 3/4", 1".
3 x No. 10: x 1/2", 3/4", 1".

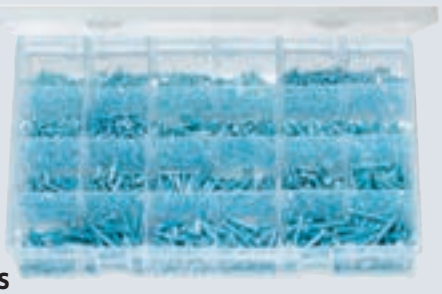


Self-Tapping Screws (Floorboards/Decking) Countersunk Head - Pozi

B Type. Zinc plated steel. DIN 7982/F/Z.

Part No.	Pack of	Gauge x Length	Size x Length
HTC14/12	200	14 x 1 1/2"	6.3 x 38 mm
HTC14/14	200	14 x 1 3/4"	6.3 x 44 mm
HTC14/16	200	14 x 2"	6.3 x 51 mm

MAX BOX



'Max Box' Assortment of Self-Tapping Screws Pan Head - Pozi

AB Type. Zinc plated steel. DIN 7981/C/Z.

Part No.	Box of
AB507	1,150 Pieces

1 x No. 4: x 1/2". 3 x No. 6: x 1/2", 3/4", 1". 3 x No. 8: x 1/2", 3/4", 1". 4 x No. 10: x 1/2", 3/4", 1", 1 1/2".
3 x No. 12: x 3/4", 1", 1 1/2". 2 x No. 14: x 1", 1 1/2".

Self-Tapping Screws Countersunk Head - Pozi

AB Type. Zinc plated steel. DIN 7982/C/Z.

Part No.	Pack of	Gauge x Length	Size x Length
HTC4/4	200	4 x 1/2"	2.9 x 13 mm
HTC4/6	200	4 x 3/4"	2.9 x 19 mm
HTC6/4	200	6 x 1/2"	3.5 x 13 mm
HTC6/5	200	6 x 5/8"	3.5 x 16 mm
HTC6/6	200	6 x 3/4"	3.5 x 19 mm
HTC6/8	200	6 x 1"	3.5 x 25 mm
HTC6/10	200	6 x 1 1/4"	3.5 x 32 mm
HTC6/12	200	6 x 1 1/2"	3.5 x 38 mm
HTC8/4	200	8 x 1/2"	4.2 x 13 mm
HTC8/5	200	8 x 5/8"	4.2 x 16 mm
HTC8/6	200	8 x 3/4"	4.2 x 19 mm
HTC8/8	200	8 x 1"	4.2 x 25 mm
HTC8/12	200	8 x 1 1/2"	4.2 x 38 mm
HTC8/16	200	8 x 2"	4.2 x 51 mm
HTC10/4	200	10 x 1/2"	4.8 x 13 mm
HTC10/5	200	10 x 5/8"	4.8 x 16 mm
HTC10/6	200	10 x 3/4"	4.8 x 19 mm
HTC10/8	200	10 x 1"	4.8 x 25 mm
HTC10/10	200	10 x 1 1/4"	4.8 x 32 mm
HTC10/12	200	10 x 1 1/2"	4.8 x 38 mm
HTC10/16	200	10 x 2"	4.8 x 51 mm
HTC12/6	100	12 x 3/4"	5.5 x 19 mm
HTC12/8	100	12 x 1"	5.5 x 25 mm
HTC12/12	100	12 x 1 1/2"	5.5 x 38 mm
HTC14/12A	200	14 x 1 1/2"	6.3 x 38 mm
HTC14/14A	200	14 x 1 3/4"	6.3 x 44 mm
HTC14/16A	200	14 x 2"	6.3 x 51 mm

Assorted Box of Self-Tapping Screws Countersunk - Pozi

AB Type. Zinc plated steel. DIN 7982/C/Z.

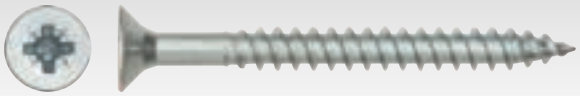
Part No.	Box of
AB63N	550 Pieces

4 x No. 6: x 5/8", 3/4", 1", 1 1/2".
4 x No. 8: x 5/8", 3/4", 1", 1 1/2".
4 x No. 10: x 5/8", 3/4", 1", 1 1/2".

Assorted Pack of Plastic Wall Plugs

Part No.	Pack of
AP49	400 Pieces

3 x Colours: Yellow, Red, Brown.



Multi-purpose Countersunk Screws - Pozi

Zinc plated steel. 3/4 thread

- Suitable for use with a variety of materials including wood.

Part No.	Pack of	Gauge x Length	Size x Length
HTW6/6	200	6 x 3/4"	3.5 x 19 mm
HTW6/8	200	6 x 1"	3.5 x 25 mm
HTW6/10	200	6 x 1 1/4"	3.5 x 32 mm
HTW6/12	200	6 x 1 1/2"	3.5 x 38 mm
HTW8/4	200	8 x 1/2"	4.2 x 13 mm
HTW8/6	200	8 x 3/4"	4.2 x 19 mm
HTW8/10	200	8 x 1 1/4"	4.2 x 32 mm
HTW8/12	200	8 x 1 1/2"	4.2 x 38 mm
HTW8/14	200	8 x 1 3/4"	4.2 x 44 mm
HTW8/16	200	8 x 2"	4.2 x 51 mm
HTW8/20	200	8 x 2 1/2"	4.2 x 63 mm
HTW8/24	200	8 x 3"	4.2 x 76 mm
HTW10/8	200	10 x 1"	4.8 x 25 mm
HTW10/12	200	10 x 1 1/2"	4.8 x 38 mm
HTW10/16	200	10 x 2"	4.8 x 51 mm
HTW10/20	200	10 x 2 1/2"	4.8 x 63 mm
HTW10/24	200	10 x 3"	4.8 x 76 mm
HTW12/8	100	12 x 1"	5.5 x 25 mm
HTW12/12	100	12 x 1 1/2"	5.5 x 38 mm
HTW12/24	100	12 x 3"	5.5 x 76 mm

Assorted Box of Multi-Use Screws Countersunk - Pozi

Zinc plated steel.

Part No.	Box of
AB140	525 Pieces

3 x No. 6: x 3/4", 1", 1 1/2".
4 x No. 8: x 3/4", 1", 1 1/2", 2".
3 x No. 10: x 1 1/2", 2", 2 1/2". 1 x No. 12: x 2".

Looking for Screwdrivers or Bits?

Our full range of Screwdrivers and Bits start from Page 470

Self-Tapping Screws Flanged Head - Pozi Black

AB Type. Black zinc plated steel. BS 4174.

Part No.	Pack of	Gauge x Length	Size x Length
HTK6/3	200	6 x 3/8"	3.5 x 10 mm
HTK6/4	200	6 x 1/2"	3.5 x 13 mm
HTK6/5	200	6 x 5/8"	3.5 x 16 mm
HTK6/6	200	6 x 3/4"	3.5 x 19 mm
HTK6/8	200	6 x 1"	3.5 x 25 mm
HTK8/3	200	8 x 3/8"	4.2 x 10 mm
HTK8/4	200	8 x 1/2"	4.2 x 13 mm
HTK8/5	200	8 x 5/8"	4.2 x 16 mm
HTK8/6	200	8 x 3/4"	4.2 x 19 mm
HTK8/8	200	8 x 1"	4.2 x 25 mm
HTK8/10	100	8 x 1 1/4"	4.2 x 32 mm
HTK8/12	200	8 x 1 1/2"	4.2 x 38 mm
HTK10/3	200	10 x 3/8"	4.8 x 10 mm
HTK10/4	200	10 x 1/2"	4.8 x 13 mm
HTK10/5	200	10 x 5/8"	4.8 x 16 mm
HTK10/6	200	10 x 3/4"	4.8 x 19 mm
HTK10/8	200	10 x 1"	4.8 x 25 mm

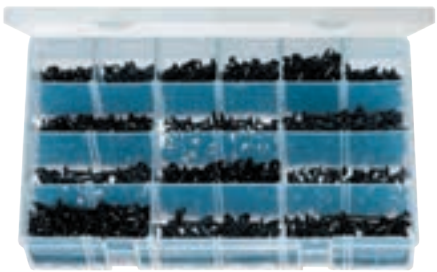
Assorted Box of Self-Tapping Screws Flanged - Pozi Black

AB Type. Black zinc plated steel. BS 4174.

Part No.	Box of
AB71	700 Pieces

2 x No. 6: x 1/2", 3/4". 4 x No. 8: x 1/2", 3/4", 1", 1 1/2".
3 x No. 10: x 1/2", 3/4", 1".

MAX BOX



'Max Box' Assortment of Self-Tapping Screws Flanged Pan Head - Pozi

AB Type. Black zinc plated steed. BS 4174.

Part No.	Box of
AB506	1,250 Pieces

6 x No. 6: x 3/8", 1/2", 5/8", 3/4", 1", 3/8". 5 x No. 8: x 1/2", 5/8", 3/4", 1", 1 1/2". 4 x No. 10: x 1/2", 5/8", 3/4", 1".

Looking for Screwdrivers or Bits?

Our full range of Screwdrivers and Bits start from Page 470

Self-Tapping Screws Flanged Head - TORX® Black

AB Type. Black zinc plated steel. BS 4174.

Part No.	Pack of	Gauge x Length	Size x Length
HXT6/5	100	6 x 5/8"	3.5 x 16 mm
HXT7/6	100	7 x 3/4"	3.9 x 19 mm
HXT8/5	100	8 x 5/8"	4.2 x 16 mm
HXT8/6	100	8 x 3/4"	4.2 x 19 mm
HXT8/8	100	8 x 1"	4.2 x 25 mm
HXT10/5	100	10 x 5/8"	4.8 x 16 mm

Assorted Box of Self-Tapping Screws Flanged Pan Head - TORX® Black

AB Type. Black zinc plated steel. BS 4174.

Part No.	Box of
AB168N	450 Pieces

1 x No. 6: x 5/8". 1 x No. 7: x 3/4".
3 x No. 8: x 5/8", 3/4", 1". 1 x No. 10: x 5/8".

Metal Self-Drill Fixings

Plasterboard type.

Part No.	Pack of	Size	Length	Hole Depth
HCT8	50	M8	35 mm	32 mm

Assorted Pack of Plastic Wall Plugs

Part No.	Pack of
AP49	400 Pieces

3 x Colours: Yellow, Red, Brown.

Self-Drilling Screws - Hex Head

Zinc plated steel. DIN 7504K.

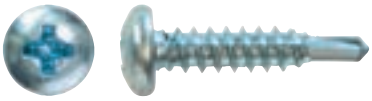
Part No.	Pack of	Gauge x Length	Size x Length	Spanner/Socket Size
HHD8/4	200	8 x 1/2"	4.2 x 13 mm	7 mm
HHD8/6	200	8 x 3/4"	4.2 x 19 mm	7 mm
HHD8/8	200	8 x 1"	4.2 x 25 mm	7 mm
HHD10/4	200	10 x 1/2"	4.8 x 13 mm	8 mm
HHD10/6	200	10 x 3/4"	4.8 x 19 mm	8 mm
HHD10/8	200	10 x 1"	4.8 x 25 mm	8 mm
HHD12/8	200	12 x 1"	5.5 x 25 mm	8 mm
HHD12/12	200	12 x 1 1/2"	5.5 x 38 mm	8 mm
HHD12/16	200	12 x 2"	5.5 x 51 mm	8 mm
HHD14/8	200	14 x 1"	6.3 x 25 mm	10 mm
HHD14/12	200	14 x 1 1/2"	6.3 x 38 mm	10 mm
HHD14/16	200	14 x 2"	6.3 x 51 mm	10 mm

Assorted Box of Self-Drilling Screws Hex Head

Zinc plated steel. DIN 7504K.

Part No.	Box of
AB138	400 Pieces

3 x No. 8: x 1/2", 3/4", 1". 3 x No. 10: x 1/2", 3/4", 1".
3 x No. 12: x 1", 1 1/2", 2".



Self-Drilling Screws, Pan Head - PHILLIPS

Zinc plated steel. DIN 7504N.

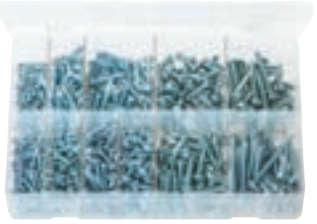
Part No.	Pack of	Gauge x Length	Size x Length
HPD6/4	200	6 x 1/2"	3.5 x 13 mm
HPD6/6	200	6 x 3/4"	3.5 x 19 mm
HPD6/8	200	6 x 1"	3.5 x 25 mm
HPD8/4	200	8 x 1/2"	4.2 x 13 mm
HPD8/6	200	8 x 3/4"	4.2 x 19 mm
HPD8/8	200	8 x 1"	4.2 x 25 mm
HPD10/4	200	10 x 1/2"	4.8 x 13 mm
HPD10/6	200	10 x 3/4"	4.8 x 19 mm
HPD10/8	200	10 x 1"	4.8 x 25 mm
HPD10/12	200	10 x 1 1/2"	4.8 x 38 mm
HPD10/16	200	10 x 2"	4.8 x 51 mm

Assorted Box of Self-Drilling Screws Pan Head - Phillips

Zinc plated steel. DIN 7504N.

Part No.	Box of
AB137	500 Pieces

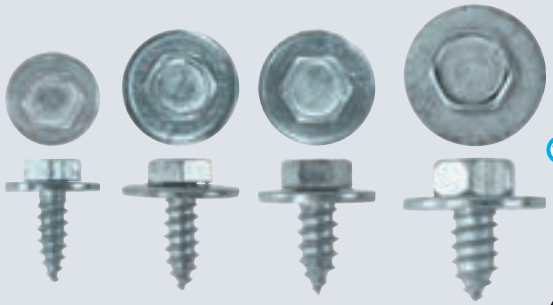
3 x No. 6: x 1/2", 3/4", 1". 3 x No. 8: x 1/2", 3/4", 1".
5 x No. 10: x 1/2", 3/4", 1", 1 1/2", x 2".



Sheet Metal Screws, Washer Faced

Zinc plated steel. DIN 6928.

Part No.	Pack of	Gauge x Length	Size x Length	Spanner/Socket Size
AS1	100	8 x 3/4"	4.2 x 19 mm	7 mm
AS2	100	10 x 3/4"	4.8 x 19 mm	8 mm
AS3	100	12 x 3/4"	5.5 x 19 mm	8 mm



Sheet Metal Screws with Captive Washer

Zinc plated steel. DIN 7976.

Part No.	Pack of	Gauge x Length	Size x Length	Spanner/Socket Size
AS12	100	8 x 1/2"	4.2 x 13 mm	7 mm
AS22	100	10 x 1/2"	4.8 x 13 mm	8 mm
AS32	100	12 x 1/2"	5.5 x 13 mm	8 mm
AS42	100	14 x 1/2"	6.3 x 13 mm	10 mm

Sheet Metal Screws with Captive Washer

Zinc plated steel. DIN 7976.

Part No.	Pack of	Gauge x Length	Size x Length	Spanner/Socket Size
AS13	100	8 x 3/4"	4.2 x 19 mm	7 mm
AS23	100	10 x 3/4"	4.8 x 19 mm	8 mm
AS33	100	12 x 3/4"	5.5 x 19 mm	8 mm
AS4	100	14 x 3/4"	6.3 x 19 mm	10 mm

Assorted Box of Sheet Metal Screws with Captive Washer

Zinc plated steel. DIN 7976 (Screws).

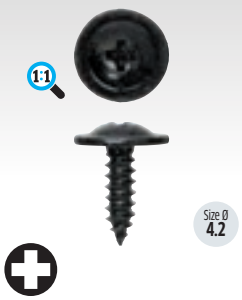
Part No.	Box of
AB132	300 Pieces

2 x 8 (4.2 mm): x 1/2" (13 mm), 3/4" (19 mm).
2 x 10 (4.8 mm): x 1/2" (13 mm), 3/4" (19 mm).
2 x 12 (5.5 mm): x 1/2" (13 mm), 3/4" (19 mm).
2 x 14 (6.3 mm): x 1/2" (13 mm), 3/4" (19 mm).

Black Pan Head PH Screws
Gauge x L: 12 x 3/4" Head Ø: 16 mm

Part No.	Pack of
FIX726	20

Honda 90114SE0000



Black Flanged PH Head Screws
Thread Ø x L: 4.2 x 13 mm Head Ø: 12 mm

Part No.	Pack of
FIX728	20

Universal

Black Bumper Cover PH Screws
Thread Ø x L: 4.8 x 14 mm Washer Ø: 16 mm

Part No.	Pack of
FIX734	20

Honda 90126SR4000

Black Flanged PH Head Screws
Gauge x L: 14 x 3/4" Head Ø: 15 mm

Part No.	Pack of
FIX719	20

Hyundai 9215522000

Black Flanged Head PH Screws
Gauge x L: 14 x 1" Head Ø: 16 mm

Part No.	Pack of
FIX720	20

Hyundai / VW

Dacromat Finish TX Bolt Screws
Thread: M6 x 15 mm Head Ø: 14 mm

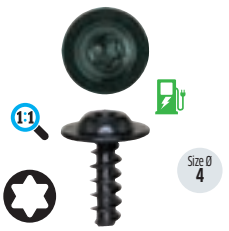
Part No.	Pack of
FIX733	20

Merc N000000001476

Black TX20 Body Screws
Thread Ø x L: 4 x 11.5 mm Head Ø: 8 mm

Part No.	Pack of
FIX907	50

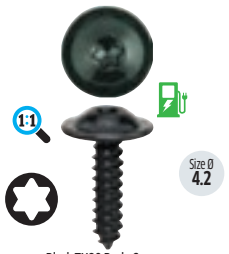
VW N10415903
Suits VAG E-Golf 2014-, E-Up 2012-



Black TX20 Body Screws
Thread Ø x L: 4 x 12 mm Head Ø: 11 mm

Part No.	Pack of
FIX909	50

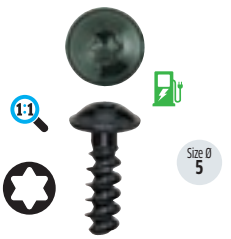
VW N90918701
Suits VAG E-Golf



Black TX20 Body Screws
Thread Ø x L: 4.2 x 15.5 mm Head Ø: 11.5 mm

Part No.	Pack of
FIX908	50

VW N90698606
Suits VAG E-Golf 2014-, E-Up 2012-



Black TX20 Body Screws
Thread Ø x L: 5 x 16 mm Head Ø: 10 mm

Part No.	Pack of
FIX910	50

VW N10442003
Suits VAG E-Up

Black TX Body Screws with Captive Washers
Gauge x L: 8 x 5/8" Washer Ø: 14 mm

Part No.	Pack of
FIX161	50

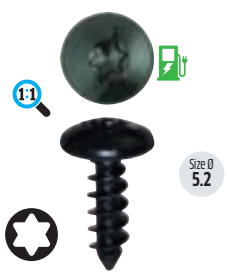
Black TX20 Washer Faced Body Screws
Thread Ø x L: 4.8 x 17 mm Head Ø: 15 mm

Part No.	Pack of
FIX162	50

Metal TX20 Body Screw
Thread Ø x L: 5 x 16 mm Head Ø: 10.8 mm

Part No.	Pack of
FIX921	50

BMW 51417067920
Suits BMW i3, i8



Black TX25 Body Screw
Thread Ø x L: 5.2 x 16 mm Head Ø: 11.8 mm

Part No.	Pack of
FIX913	50

VW N91132901
Suits VAG E-Up

Black TX25 Body Screw
Thread Ø x L: 5.2 x 16 mm Head Ø: 14.2 mm

Part No.	Pack of
FIX914	50

VW WHT003954
Suits VAG E-Up

Black TX Body Screws
Thread Ø x L: 5.2 x 16 mm Head Ø: 15 mm

Part No.	Pack of
FIX714	20

VW N90775001 / N90648702

Black TX Body Screws
Thread Ø x L: 6.0 x 23 mm Head Ø: 15 mm

Part No.	Pack of
FIX715	20

PSA

Black TX Screws
Thread Ø x L: 4.8 x 23 mm Washer Ø: 16 mm

Part No.	Pack of
FIX729	20

Renault 7701049008 / 7703017090

Metal Body Screw
Size x Length: M5 x 16 Head Ø: 8.6

Part No.	Pack of
FIX906	50

VW N10569501
Suits VAG E-Up, E-Golf

Black TX Bumper Bolts
Thread: M6 x 20 mm Head Ø: 19 mm

Part No.	Pack of
FIX716	20

PSA 742723
VW 6N0807199 / N907750 01

Zinc Plated Hex Bolt Screws with Captive Washer
Thread: M6 x 18 mm Washer Ø: 20 mm

Part No.	Pack of
FIX150	50

Zinc Plated Hex Bolt Screws with Captive Washer
Thread: M6 x 18 mm Washer Ø: 18 mm

Part No.	Pack of
FIX151	50

Zinc Plated Hex Bolt Screws with Captive Washer
Thread: M6 x 10 mm Washer Ø: 18 mm

Part No.	Pack of
FIX152	50

Zinc Plated Hex Bolt
Screws with Captive Washer
Thread: M6 x 12 mm Washer Ø: 18 mm

Part No.	Pack of
FIX732	20

Black Hex Screws with Captive Washer
Thread Ø x L: 5.5 x 17 mm Washer Ø: 15 mm

Part No.	Pack of
FIX721	20

BMW 7119904288

Black Sheet Metal Screws, Washer Faced
Gauge x L: 10 x 3/4" Washer Ø: 15 mm

Part No.	Pack of
FIX155	50

Black Sheet Metal
Screws with Captive Washer
Gauge x L: 14 x 3/4" Washer Ø: 18 mm

Part No.	Pack of
FIX153	50

Black 20 mm Hex Screws
Thread Ø x L: 5.6 x 22 mm Washer Ø: 20 mm

Part No.	Pack of
FIX730	20

Black Sheet Metal
Screws with Captive Washer
Thread Ø x L: 4.8 x 13 mm Washer Ø: 22 mm

Part No.	Pack of
FIX149	50

Black Hex Screw
Thread Ø x L: 5 x 19.5 mm Washer Ø: 22 mm

Part No.	Pack of
FIX918	20

BMW 7149213164
Suits BMW i3, i8

Black Hex Screws
Thread Ø x L: 4.8 x 17 mm Washer Ø: 26 mm

Part No.	Pack of
FIX724	20

Merc 2019900536

Black Hex Bolt Screws with Washer
Thread: M5 x 15 mm Washer Ø: 12.5 mm

Part No.	Pack of
FIX737	20

Black Hex Bolt Screws with Washer
Thread: M6 x 21 mm Washer Ø: 16.8 mm

Part No.	Pack of
FIX735	20

Black Hex Bolt Screws with Washer
Thread: M6 x 22 mm Washer Ø: 24 mm

Part No.	Pack of
FIX736	20

Black Hex Bolt Screws with Washer
Thread: M8 x 27 mm Washer Ø: 24 mm

Part No.	Pack of
FIX731	20

U-Nuts

Zinc plated steel. BS EN 10132 : 2000

Screw Ø: No. 4 (2.9 mm)
W x L x R: 8 x 11 x 5 mm

Part No.	Pack of
HUC7	100

Screw Ø: No. 6 (3.5 mm)
W x L x R: 8 x 12 x 6.5 mm

Part No.	Pack of
HUC11	100

BEST SELLER

Screw Ø: No. 6 (3.5 mm)
W x L x R: 11 x 16.5 x 7 mm

Part No.	Pack of
HUC1	100

BEST SELLER

Screw Ø: No. 8 (4.2 mm)
W x L x R: 11 x 16.5 x 7 mm

Part No.	Pack of
HUC21	100

BEST SELLER

Screw Ø: No. 8 (4.2 mm)
W x L x R: 12.5 x 14 x 7.5 mm

Part No.	Pack of
HUC2	100

Screw Ø: No. 8 (4.2 mm)
W x L x R: 11 x 16.5 x 7 mm

Part No.	Pack of
HUC22	100

Phosphate Silver
Screw Ø: No. 8 (4.2 mm)
W x L x R: 16.5 x 11 x 8 mm

Part No.	Pack of
FIX154	50

GM 90270271

BEST SELLER

Screw Ø: No. 8 (4.2 mm)
W x L x R: 11 x 24.5 x 14 mm

Part No.	Pack of
HUC6	100

BEST SELLER

Zinc plated steel.
Screw Ø: No. 8 (4.2 mm)
W x L x R: 11 x 25 x 16 mm

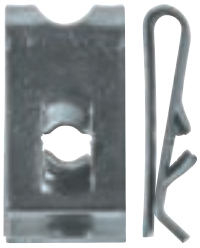
Part No.	Pack of
FIX652	20

Merc 1239940645

BEST SELLER

Screw Ø: No. 10 (4.8 mm)
W x L x R: 12.5 x 20 x 10 mm

Part No.	Pack of
HUC3	100



Screw Ø: No. 12 (5.5 mm)
W x L x R: 15 x 30 x 11.5 mm

Part No.	Pack of
HUC4	100

Screw Ø: No. 14 (6.3 mm)
W x L x R: 14 x 21 x 11 mm

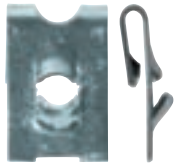
Part No.	Pack of
HUC5	100

J-Nuts

Zinc plated steel.

Screw Ø: No. 8 (4.2 mm)
W x L x R: 11.5 x 16.5 x 9 mm

Part No.	Pack of
HJC1	100



Screw Ø: No. 10 (4.8 mm)
W x L x R: 13 x 20 x 10 mm

Part No.	Pack of
HJC2	100

Screw Ø: No. 12 (5.5 mm)
W x L x R: 15 x 25 x 12 mm

Part No.	Pack of
HJC3	100

Screw Ø: No. 14 (6.3 mm)
W x L x R: 14.5 x 25 x 13 mm

Part No.	Pack of
HJC4	100

Assorted Box of U-Nuts & J-Nuts

Zinc plated steel.

Part No.	Box of
AB49N	250 Pieces

5 x U-Nuts: No. 6, 8, 10, 12, 14.
4 x J-Nuts: No. 8, 10, 12, 14.

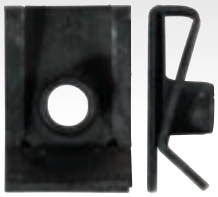
Assorted Box of U-Nuts

Zinc plated steel.

Part No.	Box of
AB166	200 Pieces

10 x Sizes: No. 4, 6 (x 2), 8 (x 4),10, 12, 14.

Chimney Nuts

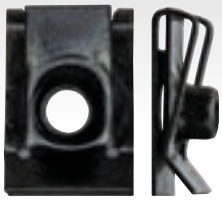


Thread Ø: M6
W x L x R: 16 x 24 x 12 mm

Part No.	Pack of
HUC59	10

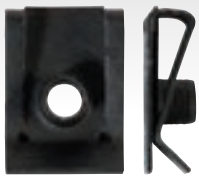
Thread Ø: M6
W x L x R: 14 x 24 x 15 mm

Part No.	Pack of
HUC55	25



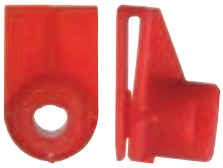
Thread Ø: M6
W x L x R: 16 x 24 x 12 mm

Part No.	Pack of
FIX722	20
VW	



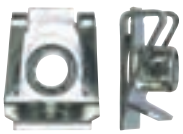
Thread Ø: M5
W x L x R: 15 x 21 x 11 mm

Part No.	Pack of
HUC56	10



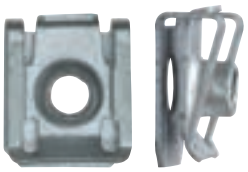
Hole Ø: 4
W x L x R: 18.5 x 28 x 10 mm

Part No.	Pack of
FIX453	20
BMW 0714721877 / 51417025609	



Thread Ø: M5
W x L x R: 15.5 x 12 x 6 mm

Part No.	Pack of
FIX661	20
Merc A0039944245	



Thread Ø: M6
W x L x R: 21 x 16 x 9 mm

Part No.	Pack of
FIX660	10
Merc A0049941545	

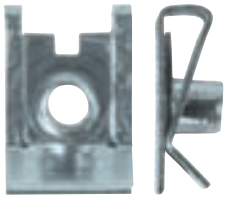
Thread Ø: M6
W x L x R: 16 x 18.5 x 9 mm

Part No.	Pack of
HUC52	25

BEST SELLER

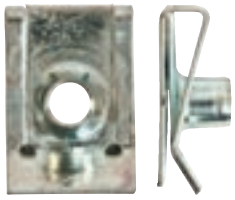
Thread Ø: M5
W x L x R: 15 x 21 x 10 mm

Part No.	Pack of
HUC50	25



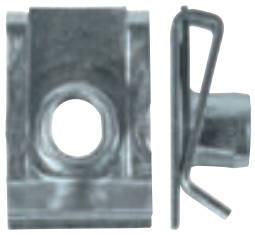
Thread Ø: M6
W x L x R: 16 x 24 x 12 mm

Part No.	Pack of
HUC57	10



Thread Ø: M6
W x L x R: 16 x 23.5 x 12 mm

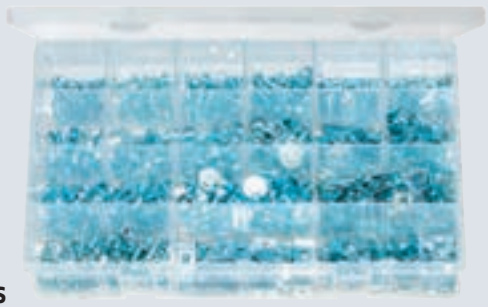
Part No.	Pack of
HUC51	25



Thread Ø: M8
W x L x R: 18.5 x 28 x 14 mm

Part No.	Pack of
HUC58	10

MAX BOX



'Max Box' Assortment of Sheet Metal Screws, U-Nuts & J-Nuts

Zinc plated steel.
DIN 7976 (Screws), BS EN 10132 : 2000 (U-Nuts).

Part No.	Box of
AB504	**600 Pieces**

3 x Washer Faced Screws: 8 x 3/4" (4.2 x 19 mm), 10 x 3/4" (4.8 x 19 mm), 12 x 3/4" (5.5 x 19 mm).
8 x Captive Washer Screws: 8 x 1/2" (4.2 x 13 mm), 8 x 3/4" (4.2 x 19 mm), 10 x 1/2" (4.8 x 13 mm) ,10 x 3/4" (4.8 x 19 mm), 12 x 1/2" (5.5 x 13 mm), 12 x 3/4" (5.5 x 19 mm), 14 x 1/2" (6.3 x 13 mm), 14 x 3/4" (6.3 x 19 mm).
6 x U-Nuts: No. 8 (4.2 mm) (3 x Sizes), No. 10 (4.8 mm), No. 12 (5.5 mm), No. 14 (6.3 mm). 1 x J-Nuts: No. 14 (6.3 mm).

Assorted Box of Chimney Nuts

Zinc & Black.

Part No.	Box of
AB167N	**60 Pieces**

1 x Zinc: M5. 2 x Zinc: M6. 1 x Black: M6.

Assorted Box of Sheet Metal Screws & J-Nuts

Zinc plated steel. BS 4174 (Screws).

Part No.	Box of
AB51N	**350 Pieces**

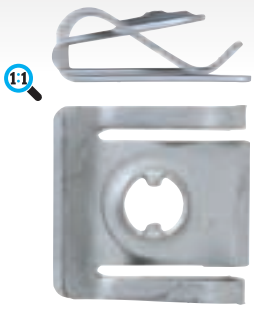
3 x Washer-Faced Screws: No. 8, 10, 12.
1 x Screws with Captive Washers: No. 14.
4 x J-Nuts: No. 8, 10, 12, 14.

Spring Nuts

Zinc/Alu Finish

Part No.	Pack of
FIX195	10

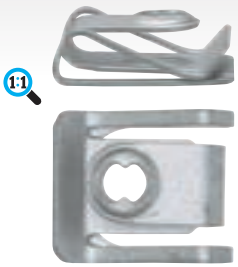
VW 8D0805121



Zinc/Alu Finish Spring Nuts
W x L x R: 25 x 24 x 11 mm

Part No.	Pack of
FIX200	10

VW 8D0805960



Zinc/Alu Finish Spring Nuts
W x L x R: 19 x 23 x 12 mm

Part No.	Pack of
FIX862	20

VW 8K0805922A

Zinc/Alu Finish
Heat Shield Clip/Nut Washers

Part No.	Pack of
FIX183	50

VW N90796501 Ford 6715468

Zinc/Alu Finish

Part No.	Pack of
FIX184	50

VW 8D0805121 / N90335004 / N90335006
Ford V703505S301 PSA 6715468

Black

Part No.	Pack of
FIX196	10

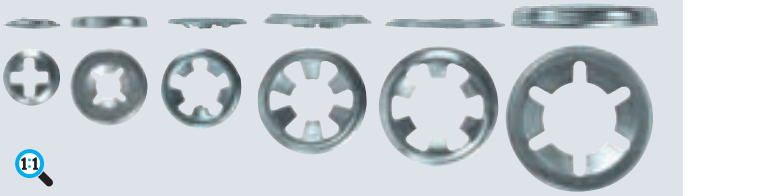
Black Quarter Turn Studs
Ø x H 18 x 23 mm

Part No.	Pack of
FIX194	10

Metal Captive Nut
W x D x H: 21.5 x 20 x 7 mm

Part No.	Pack of
FIX911	50

VW WHT005560
Suits VAG E-Golf 2014-2018



Flat Clips (Push-on Fixes) - Round

Zinc plated steel.

Part No.	Pack of	I.D.	
HFC1	200	(2.4 mm)	**3/32"**
HFC2	200	(3.2 mm)	**1/8"**
HFC9	200	**5.0 mm**	(3/16")
HFC10	200	**6.0 mm**	(1/4")
HFC11	200	**8.0 mm**	(5/16")
HFC12	200	(10.0 mm)	**3/8"**

Black Trim Clips
W x D x H 15.5 x 9 x 25 mm

Part No.	Pack of
FIX630	20

VW 1J6867276

Black Headlight
Adjuster Clips
W x D x H 20 x 16 x 15 mm

Part No.	Pack of
FIX202	20

VW 4A0805163

Metal No 8 Screw Captive Nut
W x D x H: 14.5 x 13.5 x 9 mm

Part No.	Pack of
FIX912	50

VW N10327102
Suits VAG E-up 2012-2018

Flat Clips (Push-on Fixes) - Rectangular

Zinc plated steel.

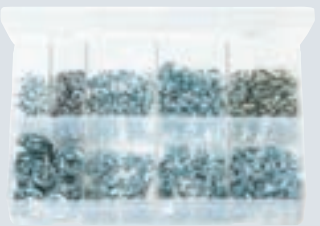
Part No.	Pack of	I.D.	
HFC6	200	(2.4 mm)	**3/32"**
HFC7	200	(3.2 mm)	**1/8"**
HFC8	200	(4.0 mm)	**5/32"**

Assorted Box of Flat Clips (Push-on Fixes)

Zinc plated steel.

Part No.	Box of
AB50	**1,000 Pieces**

3 x Round, Imperial: 3/32", 1/8", 3/8".
3 x Round, Metric (Imperial):
5 mm (3/16"), 6 mm (1/4"), 8 mm (5/16").
3 x Rectangular: 3/32", 1/8", 5/32".



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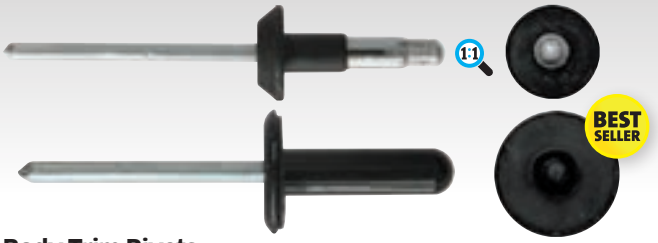

Body Trim Rivets

Aluminium/Black Plastic Flange

Part No.	Pack of	Head Ø	Flange Ø	OEM Ref
FIX206	50	4 mm	11.8 mm	Volvo 979878
FIX207	50	6 mm	15.8 mm	Ford 1041415 / W704439S / W709095S33

Trim Clip Rivets

Aluminium

Part No.	Pack of	Ø	OEM Ref
FIX70	50	2.4 mm	Ford 6028434 GM 164361 / 90033713

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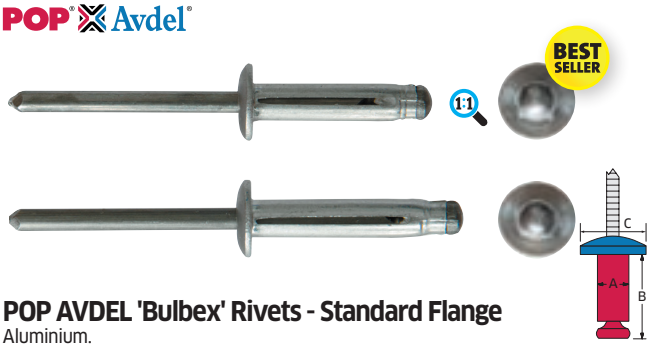


POP AVDEL 'Bulbex' Rivets - Standard Flange

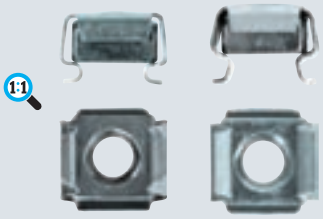
Aluminium.

Part No.	Pack of	Ø (A) x Length (B)		Flange Ø (C)
PR10	200	4.8 x 23 mm	(3/16" x 7/8")	9.5 mm
PR12	200	4.8 x 27 mm	(3/16" x 11/16")	9.7 mm

Rivet Washers

Zinc plated steel.

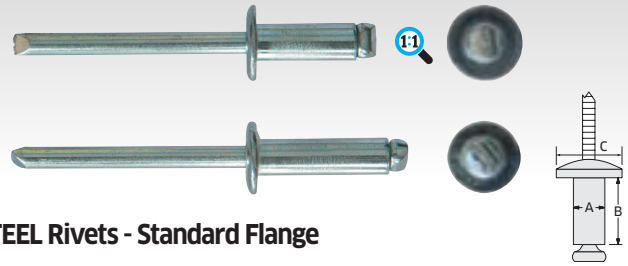
Part No.	Pack of	Size	
PRW1	1,000	M3 x 13	(1/8" x 1/2")



Speed Fasteners - Cage Nuts

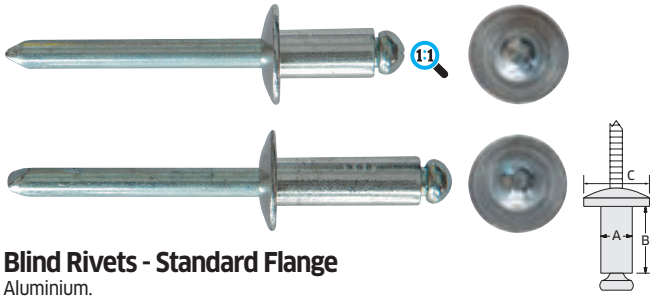
Zinc plated steel.

Part No.	Pack of	Screw Size	Hole Ø	Panel Thickness
HCN61	100	M6 Narrow	9.5 mm	0.71 - 1.63 mm
HCN62	100	M6 Wide	9.5 mm	1.83 - 2.64 mm



STEEL Rivets - Standard Flange

Part No.	Pack of	Ø (A) x Length (B)		Flange Ø (C)
PRS4	100	4.8 x 12 mm	(3/16" x 15/32")	9.5 mm
PRS5	100	4.8 x 16 mm	(3/16" x 5/8")	9.2 mm



Blind Rivets - Standard Flange

Aluminium.

Part No.	Pack of	Ø (A) x Length (B)		Flange Ø (C)
PR112	100	6.4 x 12 mm	(1/4" x 1/2")	12.6 mm
PR114	250	6.4 x 18 mm	(1/4" x 3/4")	12.5 mm

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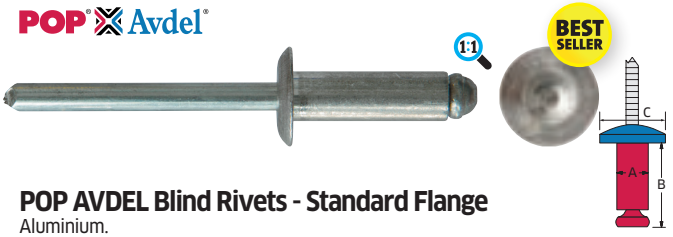
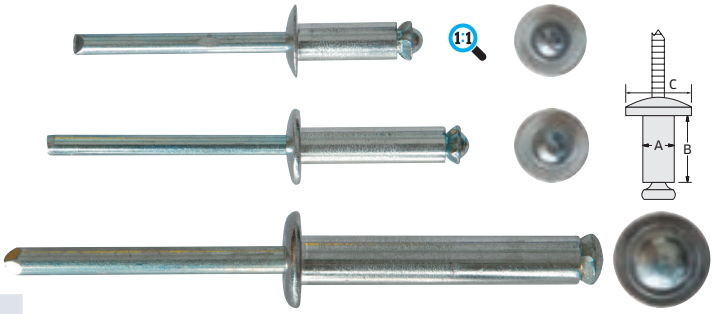


POP AVDEL Blind Rivets - Standard Flange

Aluminium.

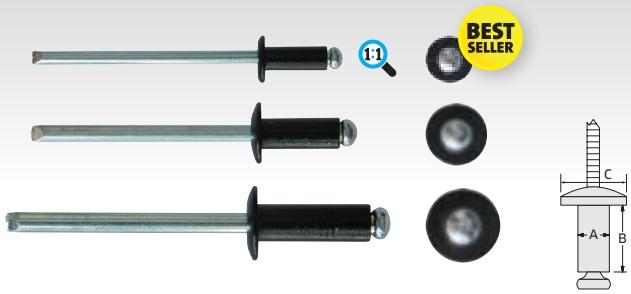
Part No.	Pack of	Ø (A) x Length (B)		Flange Ø (C)
PR214	100	6.4 x 23 mm	(1/4" x 7/8")	12.6 mm



Rivets - Peel Back Type

Aluminium.

Part No.	Pack of	Ø (A) x Length (B)		Flange Ø (C)
PR47	100	4.8 x 12 mm	(3/16" x 15/32")	9.2 mm
PR48	100	4.8 x 18 mm	(3/16" x 23/32")	9.5 mm
PR49	100	6.4 x 35 mm	(1/4" x 1 3/8")	12.3 mm
PRL49	1,000	6.4 x 35 mm	(1/4" x 1 3/8")	12.3 mm



Black Rivets - Standard Flange

Black anodised aluminium.

Part No.	Pack of	Ø (A) x Length (B)		Flange Ø (C)
PRB11	100	3.2 x 8 mm	(1/8" x 5/16")	5.7 mm
PRB12	100	4.0 x 10 mm	(5/32" x 3/8")	7.7 mm
PRB13	100	4.8 x 14 mm	(3/16" x 1/2")	9.3 mm

Black Rivets - Large Flange

Black anodised aluminium.

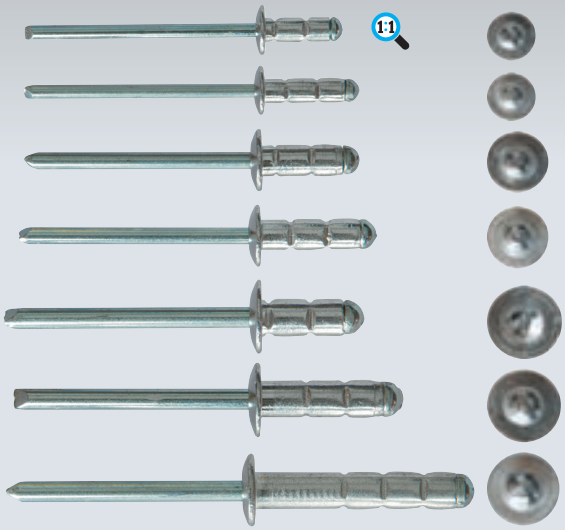
Part No.	Pack of	Ø (A) x Length (B)		Flange Ø (C)
PRB21	100	3.2 x 10 mm	(1/8" x 3/8")	9.2 mm
PRB22	100	4.0 x 10 mm	(5/32" x 3/8")	11.8 mm
PRB25	100	4.0 x 14 mm	(5/32" x 1/2")	11.8 mm
PRB23	100	4.8 x 14 mm	(3/16" x 1/2")	15.4 mm
PRB24	100	4.8 x 18 mm	(3/16" x 3/4")	15.4 mm

Assorted Box of Black Rivets

Black anodised aluminium.

Part No.	Box of
AB112	200 Pieces

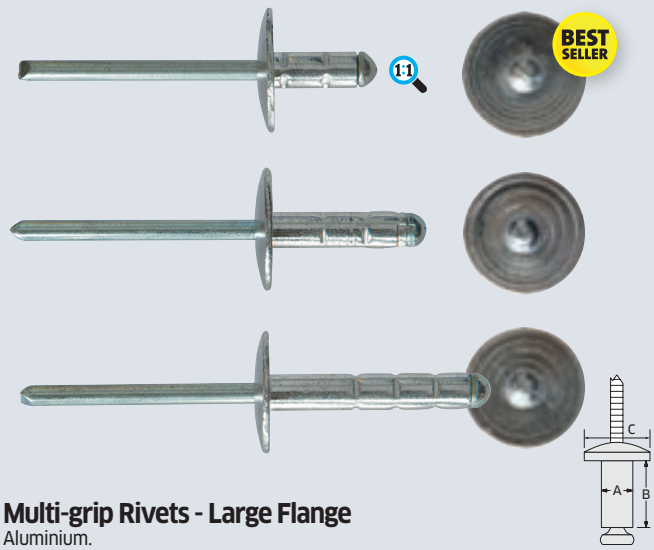
1 x Standard Flange, 3.2 x 8 mm.
1 x Standard Flange, 4.0 x 10.
1 x Standard Flange, 4.8 x 14 mm.
1 x Large Flange, 3.2 x 10 mm.
2 x Large Flange, 4.0: x 10, 14 mm.
2 x Large Flange, 4.8: x 14, 18 mm.



Multi-grip Rivets - Standard Flange

Aluminium.

Part No.	Pack of	Ø (A) x Length (B)		Flange Ø (C)
PR101	500	3.2 x 8 mm	(1/8" x 5/16")	6.1 mm
PR102	500	3.2 x 10 mm	(1/8" x 3/8")	6.1 mm
PR103	500	4.0 x 10 mm	(5/32" x 3/8")	7.7 mm
PR104	500	4.0 x 14 mm	(5/32" x 9/16")	7.7 mm
PR105	500	4.8 x 13 mm	(3/16" x 1/2")	9.3 mm
PR106	500	4.8 x 15 mm	(3/16" x 19/32")	9.3 mm
PR109	200	4.8 x 25 mm	(3/16" x 31/32")	9.1 mm



Multi-grip Rivets - Large Flange

Aluminium.

Part No.	Pack of	Ø (A) x Length (B)		Flange Ø (C)
PR111	200	4.8 x 10 mm	(3/16" x 3/8")	15.5 mm
PR107	200	4.8 x 18 mm	(3/16" x 23/32")	15.3 mm
PR108	200	4.8 x 25 mm	(3/16" x 31/32")	15.3 mm

1:1 Actual Size Images

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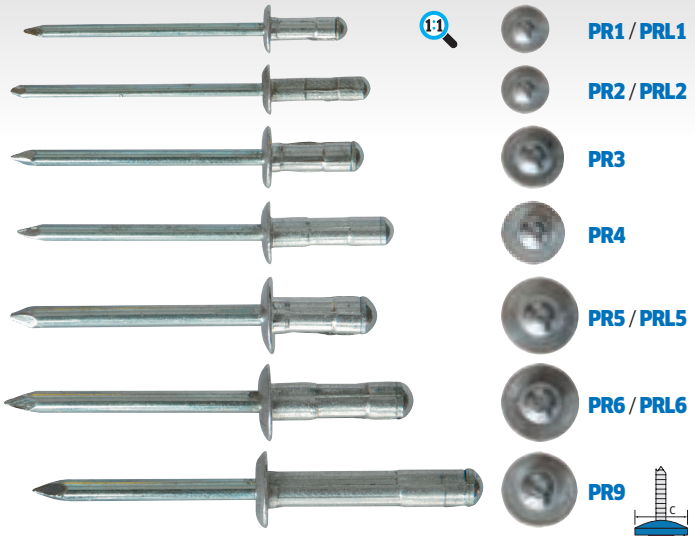

POP AVDEL 'Avex' Multi-grip Rivets - Standard Flange

Aluminium.

Part No.	Pack of	Ø (A) x Length (B)		Flange Ø (C)
PR1	500	3.2 x 10 mm	(1/8" x 3/8")	6.2 mm
PRL1	10,000	3.2 x 10 mm	(1/8" x 3/8")	6.2 mm
PR2	500	3.2 x 13 mm	(1/8" x 1/2")	6.3 mm
PRL2	8,000	3.2 x 13 mm	(1/8" x 1/2")	6.3 mm
PR3	500	4.0 x 12 mm	(5/32" x 7/16")	7.7 mm
PR4	500	4.0 x 15 mm	(5/32" x 9/16")	7.9 mm
PR5	500	4.8 x 13 mm	(3/16" x 1/2")	9.7 mm
PRL5	4,000	4.8 x 13 mm	(3/16" x 1/2")	9.7 mm
PR6	500	4.8 x 19 mm	(3/16" x 3/4")	9.8 mm
PRL6	4,000	4.8 x 19 mm	(3/16" x 3/4")	9.8 mm
PR9	200	4.8 x 27 mm	(3/16" x 1")	9.3 mm

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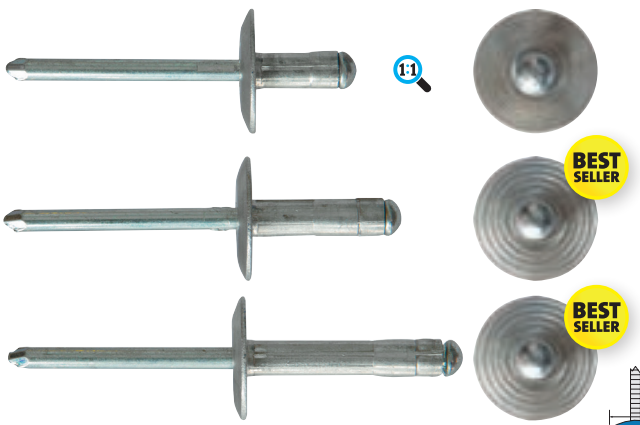

POP AVDEL 'Avex' Multi-grip Rivets - Large Flange

Aluminium.

Part No.	Pack of	Ø (A) x Length (B)		Flange Ø (C)
PR11	200	4.8 x 13 mm	(3/16" x 1/2")	15.6 mm
PR7	200	4.8 x 19 mm	(3/16" x 3/4")	15.5 mm
PRL7	2,000	4.8 x 19 mm	(3/16" x 3/4")	15.5 mm
PR8	200	4.8 x 27 mm	(3/16" x 1")	15.5 mm
PRL8	2,000	4.8 x 27 mm	(3/16" x 1")	15.5 mm

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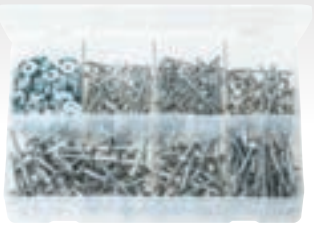
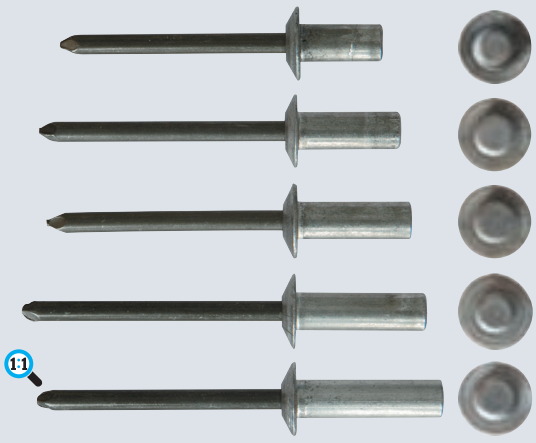
Assorted Box of POP AVDEL 'Avex' Multi-grip Rivets with Washers

Aluminium.

Part No.	Box of
AB48N	440 Pieces

2 x Standard Flange, 3.2: x 10, 13 mm.
2 x Standard Flange, 4.0: x 12, 15 mm.
2 x Standard Flange, 4.8: x 13, 19 mm.
1 x Large Flange, 4.8: x 19 mm.
1 x Washers, M3 x 13.





Rivets - Sealed Type (Closed End)

Aluminium. DIN 7337.

Part No.	Pack of	Ø (A) x Length (B)		Flange Ø (C)
PRC50	100	4.8 x 10 mm	(3/16" x 3/8")	9.3 mm
PRC53	100	4.8 x 12 mm	(3/16" x 7/16")	9.3 mm
PRC54	100	4.8 x 14 mm	(3/16" x 9/16")	9.3 mm
PRC56	100	4.8 x 16 mm	(3/16" x 5/8")	9.7 mm
PRC58	100	4.8 x 18 mm	(3/16" x 3/4")	9.3 mm

Assorted Box of Rivets - Sealed Type (Closed End)

Aluminium. DIN 7337.

Part No.	Box of
AB146N	200 Pieces

5 x Sizes: 4.8 x 10, 12, 14, 16, 18 mm.

POP® Avdel®

Monobolts - 2771 Series

Protruding head. Zinc plated carbon steel.

Part No.	Pack of	Ø (A) x Length (B)		Flange Ø (C)
HMB623	100	6.4 x 23 mm	(1/4" x 7/8")	12.9 mm
HMB632	100	6.4 x 32 mm	(1/4" x 1 1/4")	12.9 mm

ECLIPSE-SPIRALUX Lazy Tong Riveter

Complete with nose spanner and 3 interchangeable noses for 3, 4 and 5 mm rivets.
Suitable for aluminium/steel rivets.

Part No.	Qty	Description
TL811	1	Lazy Tong Riveter
TL817	1 Kit	Jaw Repair Kit

ECLIPSE-SPIRALUX Standard Rivet Gun

Complete with nose spanner and 3 interchangeable noses for 3, 4 and 5 mm rivets.
Suitable for aluminium/steel rivets.

Part No.	Qty	Description
TL801	1	Rivet Gun
TL816	1 Kit	Jaw Repair Kit

ECLIPSE-SPIRALUX Replacement Noses For Lazy Tong Riveter and Standard Rivet Gun

Suits Part No.s: TL801 and TL811.

Part No.	Pack of	For Rivet Size	
TL802	5	3 mm	(1/8")
TL803	5	4 mm	(5/32")
TL804	5	5 mm	(3/16")

ECLIPSE-SPIRALUX Compact Lever Arm Riveter

Contains rivet noses for use with 2.4, 3.2, 4.0, 4.8 & 6.4 mm aluminium and steel rivets. Noses are colour coded by size for easy identification changeable by hand - no need for extra tools.

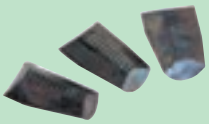
- **Strong 3-piece alloy steel jaw mechanism with hexagonal internal structure for a longer life and easy operating**
- **Reinforced 2 mm thick Carbon Steel heat-treated handle for extra strength and durability**
- **Ergonomically designed handles for comfortable use**
- **Features a convenient rivet stem collector for protection and safety**

Part No.	Qty	Description
TL822	1	Compact Lever Arm Riveter

ECLIPSE-SPIRALUX Compact Lever Arm Riveter - Replacement Nozzles

Suits Part No. TL822.

Part No.	Qty	Size	
TL822-2	1	2.4 mm	(3/32")
TL822-3	1	3.2 mm	(1/8")
TL822-4	1	4.0 mm	(5/32")
TL822-5	1	4.8 mm	(3/16")
TL822-6	1	6.0 mm	(1/4")



ECLIPSE-SPIRALUX Compact Lever Arm Riveter - Replacement Jaws

Suits Part No. TL822.

Part No.	Qty	Description
TL823	1 Kit	Replacement Jaws

ECLIPSE-SPIRALUX Rivet Gun

Complete with 4 interchangeable noses for 2.4, 3.2, 4.0 and 4.8 mm aluminium rivets. NOT suitable for steel rivets.
Automatic ejection of the mandrel. Slip guarded comfort handle.

Part No.	Qty	Description
TL800	1	Rivet Gun

ECLIPSE-SPIRALUX 'Classic' Long Arm Riveter - Nose Kit

Suits classic model ONLY (Part No. TL821).

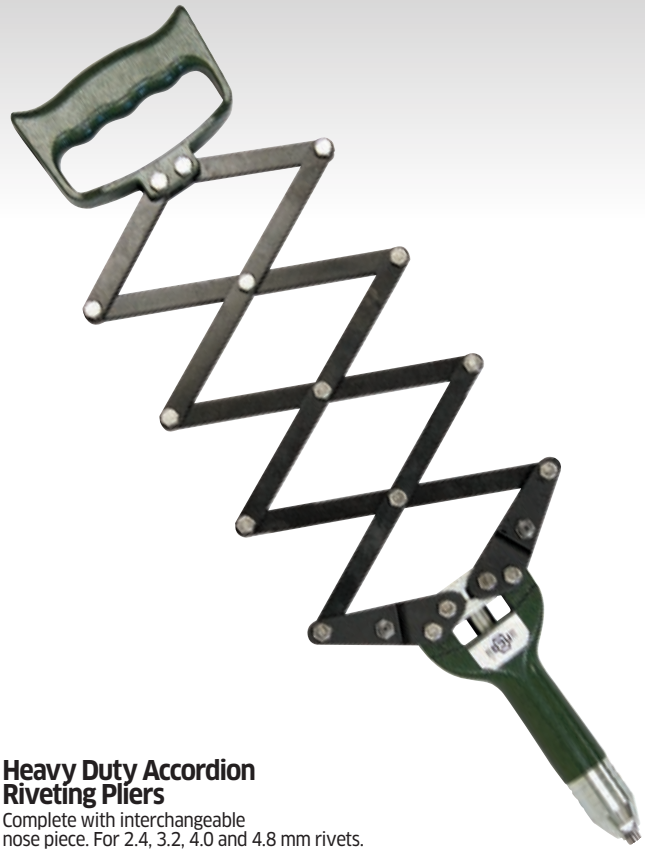
Part No.	Qty	Repairs
TL825	Set of 4	Long Arm Riveter

For Rivet Sizes: 4, 5 (x 2) and 6 mm (5/32", 3/16", 1/4").

ECLIPSE-SPIRALUX 'Classic' Long Arm Riveter - Replacement Jaws

Suits classic model ONLY (Part No. TL821).

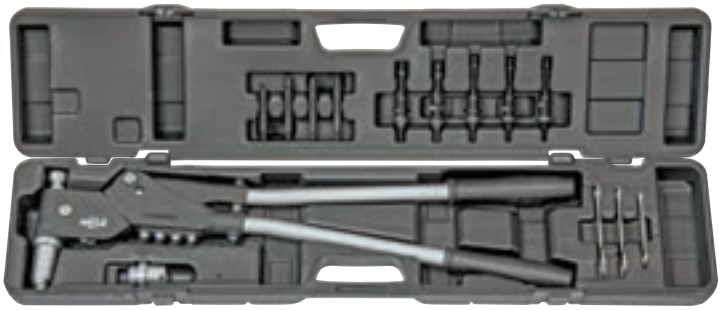
Part No.	Qty	Description
TL826	1 Kit	Replacement Jaws

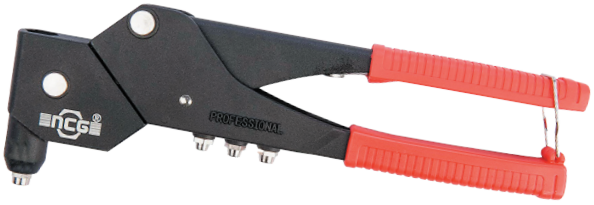


Heavy Duty Accordion Riveting Pliers

Complete with interchangeable nose piece. For 2.4, 3.2, 4.0 and 4.8 mm rivets.

Part No.	Qty	Description
TL8110	1	Heavy Duty Accordion Riveter





Swivel Head Riveter 360° Action

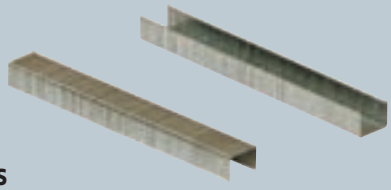
Contains rivet noses for use with 2.4 (3/32"), 3.2 (1/8"), 4.0 (5/32") & 4.8 mm (3/16") aluminium, steel and stainless steel rivets. Slip guarded comfort handles.

Part No.	Qty	Description
TL890	1	Swivel Head Riveter

Heavy Duty Long Handled Swivel Head Riveter and Nut Sert Riveter Kit

Combination set for standard rivets 2.4, 3.2, 4.0 and 4.8 mm and nut serts 4.0 to 10.0 mm.

Part No.	Qty	Description
TL8100	1 Kit	17 Piece Kit



Metal Staples

Suits Part No. STAP4.

Part No.	Pack of	Size
STAP5	2,000	8 mm

Metal Staple Tacker

Takes 8 mm staples.

Part No.	Qty	Description
STAP4	1	Staple Gun

Circlips - Internal

Carbon spring steel, phosphate finish.
DIN 472.

Part No.	Pack of	Bore Size	Circlip O.D.
HCL111	100	11 mm	11.8 mm
HCL113	100	13 mm	14.1 mm
HCL116	100	16 mm	17.3 mm
HCL119	100	19 mm	20.5 mm
HCL121	100	21 mm	22.5 mm
HCL122	100	22 mm	23.5 mm
HCL125	100	25 mm	26.9 mm
HCL130	100	30 mm	32.1 mm
HCL135	100	35 mm	37.8 mm
HCL138	100	38 mm	40.8 mm
HCL140	50	40 mm	43.5 mm
HCL142	50	42 mm	45.5 mm
HCL147	50	47 mm	50.5 mm

Assorted Box of Circlips Internal - Metric

DIN 472.

Part No.	Box of
AB173	230 Pieces

13 x Sizes: 11, 13, 16, 19, 21, 22, 25, 30, 35, 38, 40, 42, 47 mm.

Circlips - External

Carbon spring steel, phosphate finish.
DIN 471.

Part No.	Pack of	Shaft Size	Circlip I.D.
HCL207	500	7 mm	6.5 mm
HCL208	500	8 mm	7.4 mm
HCL210	500	10 mm	9.3 mm
HCL211	100	11 mm	10.2 mm
HCL212	500	12 mm	11.0 mm
HCL213	100	13 mm	11.9 mm
HCL214	200	14 mm	12.9 mm
HCL215	200	15 mm	13.8 mm
HCL216	100	16 mm	14.7 mm
HCL217	200	17 mm	15.7 mm
HCL218	200	18 mm	16.5 mm
HCL219	100	19 mm	17.5 mm
HCL220	200	20 mm	18.5 mm
HCL221	100	21 mm	19.5 mm
HCL222	100	22 mm	20.5 mm
HCL224	100	24 mm	22.2 mm
HCL225	100	25 mm	23.2 mm
HCL230	100	30 mm	27.9 mm
HCL235	100	35 mm	32.2 mm
HCL238	100	38 mm	35.2 mm
HCL240	50	40 mm	36.5 mm
HCL250	25	50 mm	45.8 mm

Assorted Box of Circlips External - Metric

DIN 471.

Part No.	Box of
AB174	350 Pieces

16 x External Sizes: 7, 8, 10, 12, 14, 15, 17, 18, 20, 22, 24, 25, 30, 35, 40, 50 mm.

MAX BOX

'Max Box' Assortment of Circlips Internal & External - Metric

DIN 472 (Internal), DIN 471 (External).

Part No.	Box of
AB561	400 Pieces

3 x Internal: 40, 42, 47 mm. 15 x External: 7, 8, 10, 12, 14, 15, 17, 18, 20, 24, 25, 30, 35, 40, 50 mm.

Assorted Box of Circlips Internal & External - Metric

DIN 472 (Internal), DIN 471 (External).

Part No.	Box of
AB37N	280 Pieces

10 x Internal Sizes: 11, 13, 16, 19, 21, 22, 25, 30, 35, 38 mm.
10 x External Sizes: 11, 13, 16, 19, 21, 22, 25, 30, 35, 38 mm.

E-Retainers - Metric

DIN 6799.

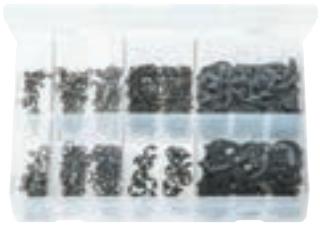
Part No.	Pack of	Size
HER1	100	1.70 mm
HER2	100	2.75 mm
HER3	100	3.50 mm
HER4	100	4.50 mm
HER6	100	6.00 mm
HER7	100	7.00 mm
HER13	100	13.00 mm
HER15	100	15.50 mm

Assorted Box of E-Retainers - Metric

DIN 6799.

Part No.	Box of
AB127N	725 Pieces

8 x Sizes (Shaft Ø): 1.7, 2.75, 3.5, 4.5, 6.0, 7.0, 13.0, 15.5 mm.



E-Retainers - Imperial

DIN 6799 (BS 3673/2).

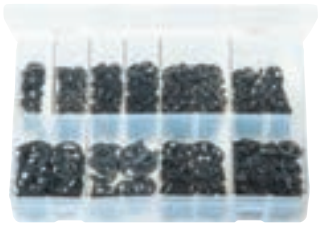
Part No.	Pack of	Size
HER51	100	1/8"
HER52	100	5/32"
HER53	100	3/16"
HER54	100	7/32"
HER55	100	1/4"
HER56	100	5/16"
HER57	100	3/8"
HER58	100	7/16"
HER59	100	1/2"
HER60	100	5/8"

Assorted Box of E-Retainers - Imperial

DIN 6799 (BS 3673/2).

Part No.	Box of
AB55N	800 Pieces

10 x Sizes (Shaft Ø): 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8".



Clevis Pins

BS 1574

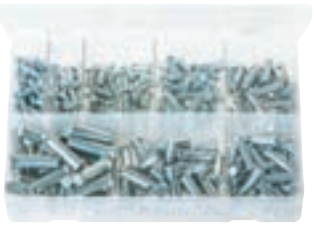
Part No.	Pack of	Size		Grip Length
HCP5	50	6.0 x 20.0 mm	(1/4" x 3/4")	20.2 mm (25/32")
HCP1	50	3/16" x 5/8"	(4.8 x 15.9 mm)	15/32" (12.2 mm)
HCP2	50	3/16" x 7/8"	(4.8 x 22.2 mm)	11/16" (18.0 mm)
HCP3	50	1/4" x 1/2"	(6.4 x 12.7 mm)	9/32" (7.4 mm)
HCP4	50	1/4" x 11/16"	(6.4 x 17.5 mm)	17/32" (13.7 mm)
HCP6	50	9/32" x 7/8"	(7.1 x 22.2 mm)	5/8" (16.5 mm)
HCP7	50	5/16" x 1"	(7.9 x 25.4 mm)	25/32" (20.2 mm)
HCP8	50	3/8" x 1 1/4"	(9.5 x 31.8 mm)	29/32" (23.6 mm)

Assorted Box of Clevis Pins

BS 1574.

Part No.	Box of
AB33	200 Pieces

8 x Sizes: 3/16" x 5/8", 3/16" x 7/8", 1/4" x 1/2", 1/4" x 1 1/16", 9/32" x 7/8", 5/16" x 1", 3/8" x 1 1/4", M6 x 20 (1/4" x 7/8").



Linch Pins with O-Ring

Safety Type.

Part No.	Pack of	Pin Size
LP1	10	1/4" x 1 3/4"
LP2	10	5/16" x 1 1/2"
LP4	10	7/16" x 1 3/4"

Linch Pins with O-Ring

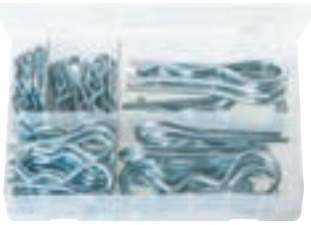
Safety Type.

Part No.	Pack of	Size	Suits
LP10	10	10 mm x 70 mm	JCB
LP11	10	9 mm x 52 mm	JCB

R-Clips

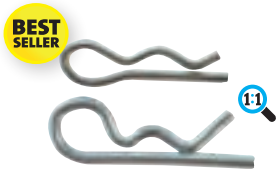
Part No.	Pack of	Pin Dia x Overall Length
LP5	50	2.5 x 45 mm
LP6	25	3 x 54 mm
LP7	25	4 x 75 mm
LP8	20	5 x 107 mm
LP9	10	6 x 117 mm

Assorted Box of R-Clips



Part No.	Box of
AB88N	80 Pieces

5 x Sizes (Wire Ø x Length): 2.5 x 45, 3 x 54, 4 x 75, 5 x 107, 6 x 117 mm.



Brake Pad Pin Retainers

Part No.	Pack of	Size	Approx. Length	Wire Ø
BR6	100	Small	19 mm	1.2 mm
BR7	100	Large	23 mm	1.5 mm

Double Type R-Clip Module Assembly

R-clip dimensions (Wire Ø x L): 3.7 x 95 mm.

Part No.	Pack of	Description
HY20	10	R-Clip Module Assembly

Split Pins - Imperial

Zinc plated steel. DIN 94/BS 1574. (* Stainless Steel).

Part No.	Pack of	O.D. x Length	
HSP20	500	1/32" x 3/4" *	(1.0 x 19 mm) *
HSP1	500	1/16" x 1"	(1.6 x 25 mm)
HSP2	500	5/64" x 1"	(2.0 x 25 mm)
HSP3	500	3/32" x 1"	(2.4 x 25 mm)
HSP4	500	3/32" x 1 1/2"	(2.4 x 38 mm)
HSP5	500	7/64" x 1 1/2"	(2.8 x 38 mm)
HSP6	500	1/8" x 1 1/2"	(3.2 x 38 mm)
HSP7	500	9/64" x 1 1/2"	(3.6 x 38 mm)
HSP12	250	5/32" x 1 5/8"	(4.0 x 41 mm)
HSP8	250	5/32" x 2"	(4.0 x 51 mm)
HSP9	250	3/16" x 2"	(4.8 x 51 mm)
HSP10	100	1/4" x 3"	(6.3 x 76 mm)
HSP11	100	5/16" x 3"	(7.9 x 76 mm)

Assorted Box of Split Pins - Imperial (Small Sizes)

Zinc plated steel. DIN 94/BS 1574.

Part No.	Box of
AB32N	800 Pieces

8 x Sizes, O.D. x Length: 1/16" x 1" (1.6 x 25 mm), 5/64" x 1" (2.0 x 25 mm), 3/32" x 1" (2.4 x 25 mm), 3/32" x 1 1/2" (2.4 x 38 mm), 7/64" x 1 1/2" (2.8 x 38 mm), 1/8" x 1 1/2" (3.2 x 40 mm), 9/64" x 1 1/2" (3.6 x 40 mm), 5/32" x 1 5/8" (4.0 x 40 mm).

Assorted Box of Split Pins - Imperial (Large Sizes)

Zinc plated steel. DIN 94/BS 1574.

Part No.	Box of
AB73	225 Pieces

5 x Sizes, O.D. x Length: 1/8" x 1 1/2" (3.2 x 38 mm), 5/32" x 2" (4.0 x 51 mm), 3/16" x 2" (4.8 x 51 mm), 1/4" x 3" (6.3 x 76 mm), 5/16" x 3" (7.9 x 76 mm).

MAX BOX

'Max Box' Assortment of Split Pins - Imperial

Zinc plated steel. DIN 94/BS 1574.

Part No.	Box of
AB508	850 Pieces

12 x Sizes, O.D. x Length: 1/16" x 1" (1.6 x 5 mm), 5/64" x 1" (2.0 x 25 mm), 3/32" x 1" (2.5 x 25 mm), 3/32" x 1 1/2" (2.4 x 38 mm), 7/64" x 1 1/2" (2.8 x 38 mm), 1/8" x 1 1/2" (3.2 x 38 mm), 9/64" x 1 1/2" (3.6 x 38 mm), 5/32" x 1 5/8" (4.0 x 41 mm), 5/32" x 2" (4.0 x 51 mm), 3/16" x 2" (4.8 x 51 mm), 1/4" x 3" (6.3 x 76 mm), 5/16" x 3" (7.9 x 76 mm).

Split Pins - Metric

Zinc plated steel. DIN 94 / ISO 1234 (BS 7774).

Part No.	Pack of	O.D. x Length	
HSP19	1,000	(1/32" x 3/8")	1.0 x 10 mm
HSP21	500	(5/64" x 9/16")	2.0 x 14 mm
HSP22	500	(5/64" x 3/4")	2.0 x 20 mm
HSP33	500	(3/32" x 1 3/32")	2.5 x 28 mm
HSP62	500	(1/8" x 3/4")	3.2 x 20 mm
HSP63	500	(1/8" x 1 1/4")	3.2 x 32 mm
HSP13	250	(5/32" x 1 3/8")	4.0 x 36 mm

Assorted Box of Split Pins - Imperial & Metric

Zinc plated steel. DIN 94/BS 1574 (Imperial). DIN 94/ISO 1234 (BS 7774) (Metric).

Part No.	Box of
AB206	370 Pieces

4 x Imperial Sizes, O.D. x Length: 1/32" x 3/8" (1.0 x 10 mm), 5/64" x 1" (2.0 x 25 mm), 9/64" x 1 1/2" (3.6 x 38 mm), 3/16" x 2" (4.8 x 51 mm).
6 x Metric Sizes, O.D. x Length: 2.0 x 14 mm (5/64" x 9/16"), 2.0 x 20 mm (5/64" x 3/4"), 2.5 x 28 mm (3/32" x 1 3/32"), 3.2 x 20 mm (1/8" x 3/4"), 3.2 x 32 mm (1/8" x 1 1/4"), 4.0 x 36 mm (5/32" x 1 3/8").

Assorted Box of Compression Springs

Part No.	Box of
AB89	70 Pieces

10 x Sizes (Free Length x O.D.): 21.2 x 8.9 mm, 22.5 x 9.0 mm, 25 x 12.2 mm, 26.5 x 5.4 mm, 31.5 x 10.4 mm, 37 x 7.8 mm, 65.5 x 13 mm, 66 x 10.4 mm, 100 x 18.5 mm, 124 x 16.0 mm.

Assorted Box of Expansion Springs

Part No.	Box of
AB72	70 Pieces

7 x Sizes (Free Length x O.D.): 29.5 x 6.4 mm, 31.5 x 5.0 mm, 33.3 x 6.8 mm, 56.5 x 7.8 mm, 74 x 10.3 mm, 90 x 11.4 mm, 126 x 9.4 mm.

Spring Roll Pins - Metric

DIN 1481.

Part No.	Pack of	Diameter x Length
FIX18	50	8 x 55 mm

Suits FORD (Door Hinge Pin).

Assorted Box of Spring Roll Pins - Metric

Black. DIN 1481.

Part No.	Box of
AB80	300 Pieces

12 x Sizes, O.D. x Length: 2.5 x 24 mm, 2.5 x 36 mm, 3 x 24 mm, 3 x 40 mm, 4 x 24 mm, 4 x 40 mm, 5 x 24 mm, 5 x 40 mm, 6 x 24 mm, 6 x 40 mm, 8 x 24 mm, 8 x 55 mm.

MAX BOX

'Max Box' Assortment of Spring Roll Pins - Metric

Black. DIN 1481.

Part No.	Box of
AB555	340 Pieces

19 x Sizes, O.D. x Length: 3 x 20 mm, 3 x 24 mm, 3 x 30 mm, 4 x 24 mm, 4 x 28 mm, 4 x 40 mm, 4 x 50 mm, 5 x 16 mm, 5 x 20 mm, 5 x 24 mm, 5 x 28 mm, 5 x 32 mm, 5 x 35 mm, 5 x 40 mm, 5 x 45 mm, 6 x 30 mm, 6 x 45 mm, 8 x 32 mm, 8 x 45 mm.

Assorted Box of Spring Roll Pins - Imperial

Black.

Part No.	Box of
AB35	300 Pieces

11 x Sizes, O.D. x Length: 3/32" x 1", 1/8" x 1", 1/8" x 1 1/2", 5/32" x 1", 5/32" x 1 1/2", 3/16" x 1", 3/16" x 1 1/2", 1/4" x 1", 1/4" x 1 1/2", 5/16" x 1", 5/16" x 2".

Assorted Box of Accelerator & Clutch Springs

Part No.	Box of
AB29	40 Pieces

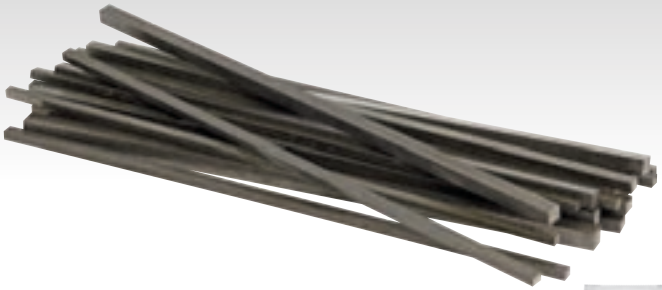
8 x Sizes (Free Length x O.D.): 53 x 12.4 mm, 61.2 x 15.4 mm, 63.4 x 13 mm, 66 x 13.1 mm, 77.4 x 23.15 mm, 82.5 x 12.95 mm, 84.2 x 10.9 mm, 86 x 13.3 mm.

Assorted Pack of Angle Iron

Mild steel.

Part No.	Pack of	Length	
AP35	5 Pieces	1.5 m	(5 ft)

3 x Sizes: (2 x) 20 x 20 x 3 mm, 30 x 30 x 3 mm, (1 x) 40 x 40 x 3 mm.



Assorted Pack of Key Steel - Imperial

Part No.	Pack of	Length	
AP24	20 Pieces	12"	(300 mm)

3/16" x 3/16", 1/4" x 3/16", 1/4" x 1/4", 5/16" x 1/4", 5/16" x 5/16", 3/8" x 1/4", 3/8" x 3/8", 1/2" x 5/16".

Assorted Pack of Flat Bar

Mild steel.

Part No.	Pack of	Length	
AP13	9 Pieces	1.5 m	(5 ft)

8 x Sizes: (2 x) 20 x 3 mm. (1 x) 20 x 5 mm, 25 x 3 mm, 25 x 5 mm, 25 x 6 mm, 40 x 3 mm, 40 x 5 mm, 40 x 6 mm.

Assorted Pack of Key Steel - Metric

Part No.	Pack of	Length	
AP26	20 Pieces	12"	(300 mm)

9 x Sizes: 4 x 4 mm, 5 x 5 mm, 6 x 6 mm, 8 x 7 mm, 8 x 8 mm, 10 x 8 mm, 10 x 10 mm, 12 x 8 mm, 12 x 12 mm.

Assorted Pack of Round Bar

Bright steel, free cutting.

Part No.	Pack of	Length	
AP14	12 Pieces	1.5 m	(5 ft)

6 Sizes, Diameters: (2 x) 3/16", 1/4", 5/16", 3/8", 7/16", 1/2"

Assorted Pack of Round Bar

Mild steel.

Part No.	Pack of	Length	
AP15	10 Pieces	1.5 m	(5 ft)

6 x Sizes, Diameters: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2".

Assorted Box of Woodruff Keys - Imperial

Part No.	Box of
AB47N	96 Pieces

15 x Sizes: 1/16" x 1/2", 3/32" x 1/2", 1/8" x 1/2", 1/8" x 5/8", 5/32" x 5/8", 5/32" x 3/4", 3/16" x 3/4", 3/16" x 7/8", 3/16" x 11/8", 7/32" x 7/8", 7/32" x 11/8", 1/4" x 1", 1/4" x 1 1/8", 5/16" x 1 1/4", 3/8" x 1 1/4".

Assorted Box of Woodruff Keys & Key Steel - Metric

Part No.	Box of
AB216	24 Pieces

3 x Woodruff Keys: 4 x 6.5 x 16 mm, 4 x 9 x 22 mm, 6 x 9 x 22 mm.
4 x Key Steel, Parallel: 8 x 7 x 25 mm, 8 x 7 x 32 mm, 8 x 7 x 36 mm, 12 x 8 x 50 mm.

1:1 Actual Size Images

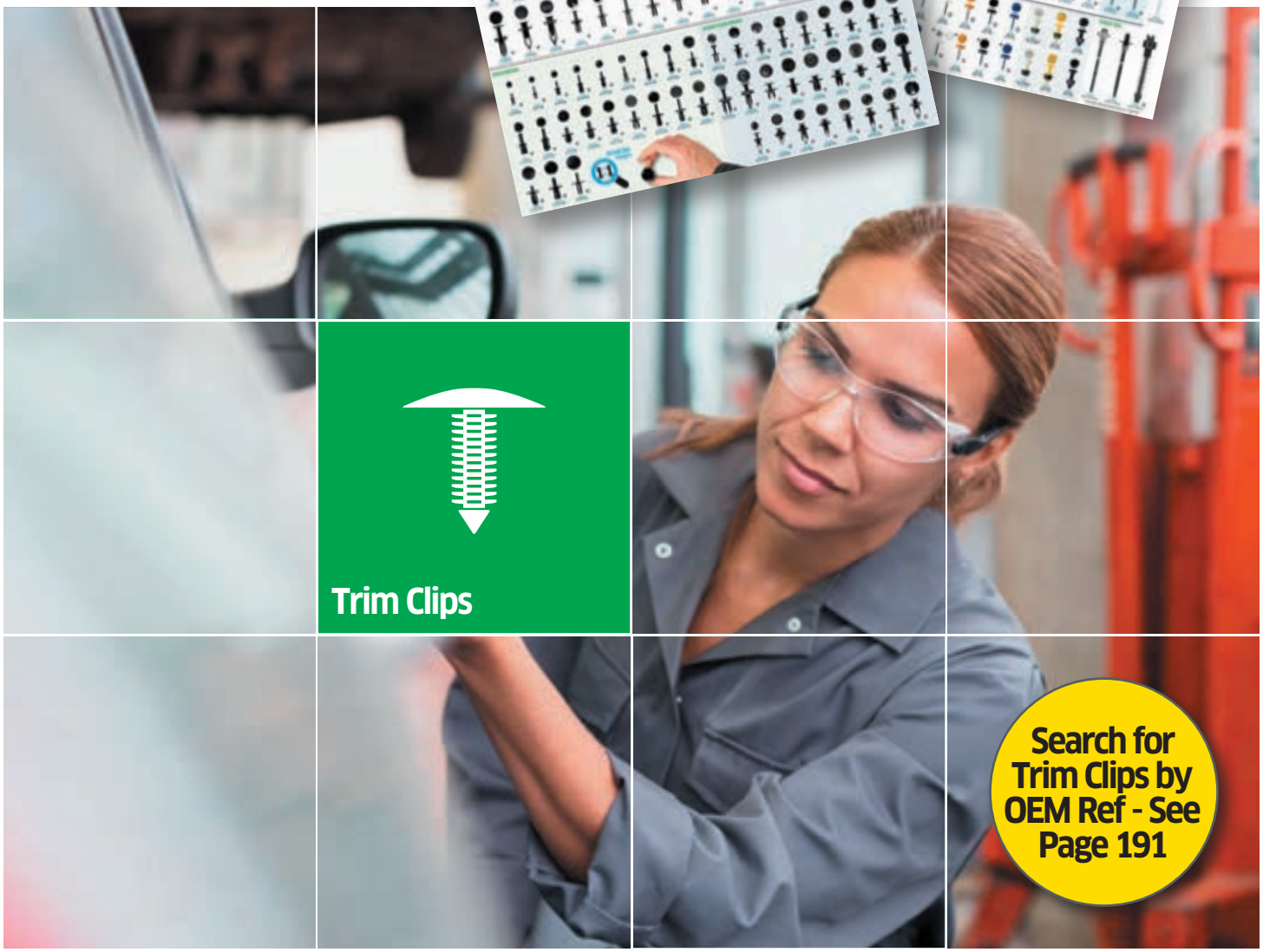
Trim Clip Chart

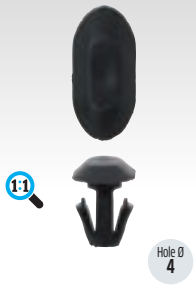
Double sided A1 size guide,
folded down to A4 for easy and convenient use.

If displaying range on a wall two copies will be required.

- **Contains 330 popular trim clips, body screws, number plate screws and rivets**
- **A1 size chart**
- **Actual size images for quick and easy identification**

Part No.	Qty	Description
YCHART1	1	A1 Double Sided Wall Chart





Black Retaining Clips
W x D x H: 8 x 16.5 x 11 mm

Part No.	Pack of
FIX349	20

PSA 699786 / 9619769080
Renault 7701044547

Grey Fir Tree Buttons
W x D x H: 11 x 5 x 10.5 mm

Part No.	Pack of
FIX613	20

VW 3B0839723

Black Door Seal Clips
W x D x H: 13 x 5 x 11 mm

Part No.	Pack of
FIX61	50

VW 251823717

Black Retaining Clips
W x D x H: 14 x 7 x 13.5 mm

Part No.	Pack of
FIX318	20

Renault 82176228

Yellow Retaining Clips
W x D x H: 14 x 6 x 14 mm

Part No.	Pack of
FIX300	20

Hyundai 8213222100

Green Strip Clips
W x D x H: 14 x 8 x 11.5 mm

Part No.	Pack of
FIX449	20

Honda 906646710030

White Door Weatherstrip Clips
W x D x H: 15 x 9 x 15 mm

Part No.	Pack of
FIX259	50

Honda 90651S4N003
Hyundai 8213227100
Mitsubishi MU481276
Toyota 6786712150

Blue Weatherstrip Clips
W x D x H: 15 x 9 x 15 mm

Part No.	Pack of
FIX865	20

Green Door Clips
W x D x H: 15 x 9.5 x 15 mm

Part No.	Pack of
FIX320	20

Honda 72311S5S003
Toyota 6786712150

White Weatherstrip Clips
W x D x H: 16 x 7 x 13 mm

Part No.	Pack of
FIX463	20

Honda 90664671003

Black Door Seal Clips
W x D x H: 17 x 5.5 x 5 mm

Part No.	Pack of
FIX79	50

VW 1H0823717

Black Self Pierce Trim Buttons
Ø x H: 8 x 12 mm

Part No.	Pack of
FIX34	50

Black Retaining Clips
Ø x H: 9.5 x 8 mm

Part No.	Pack of
FIX303	20

Mazda BP4K58762

Black Trim Buttons
Ø x H: 14 x 11 mm

Part No.	Pack of
FIX380	20

Fiat 7677865

Black Trim Buttons
Ø x H: 14 x 17 mm

Part No.	Pack of
FIX1	50

Mazda 155300291

Black Trim Buttons Self Pierce
Ø x H: 12.5 x 20 mm

Part No.	Pack of
FIX33	50

Universal

Black Trim Buttons
Ø x H: 14 x 19 mm

Part No.	Pack of
FIX46	50

VW 80186729901C / 801867299041

Black Multi-step Trim Buttons
Ø x H: 17 x 15 mm

Part No.	Pack of
FIX30	50

VW 823863203010

Grey Trim Buttons
Ø x H: 18 x 17 mm

Part No.	Pack of
FIX36	50

Ford 1018433 / 1018434
Volvo 32720753274624

Black Trim Buttons
Ø x H: 18 x 17 mm

Part No.	Pack of
FIX35	50

Ford 1629279 / 6725950
Volvo 32720753274628

Black Button Clip
Ø x H: 25 x 14.5 mm

Part No.	Pack of
FIX940	20

Toyota 9046709050
Suits TOYOTA Prius

Gloss Black Retaining Clips
Ø x H: 18 x 18 mm

Part No.	Pack of
FIX314	20

Nissan 155300051

Black Bumper Shield Clips
Ø x H: 19 x 18 mm

Part No.	Pack of
FIX262	50

Chrysler
1595864 / 1605396 / 6030441

Black Self Pierce Trim Buttons
Ø x H: 19 x 26 mm

Part No.	Pack of
FIX58	50

VW 811863905A / 811863905A

Black Boot Lining Clips
Ø x H: 14 x 17 mm

Part No.	Pack of
FIX267	50

GM 233895 / 2338955
PSA 896457 / 896481

Light Grey Trim Clips
Ø x H: 16 x 13 mm

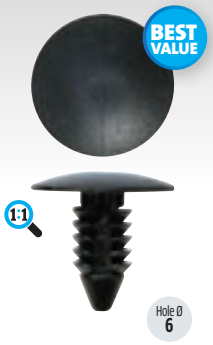
Part No.	Pack of
FIX672	20

Universal

Black Fir Tree Trim Buttons
Ø x H: 16 x 15 mm

Part No.	Pack of
FIX20	50

Universal



Black Fir Tree Clips
Ø x H: 18 x 17.8 mm

Part No.	Pack of
FIX500	50

Chrysler 3691590
Ford 332364 / 389358 **PSA** 7518C0

Black Fir Tree Clips
Ø x H: 18 x 19 mm

Part No.	Pack of
FIX501	50

PSA 699295 / 6999R2

Black Fir Tree Clips
Ø x H: 18 x 23 mm

Part No.	Pack of
FIX502	50

Honda 90667SA0003
Suzuki 618747

Dark Black Trim Clips
Ø x H: 18 x 24.5 mm

Part No.	Pack of
FIX682	20

Universal

Black Fir Tree Clips
Ø x H: 18 x 28 mm

Part No.	Pack of
FIX29	50

Black Trim Buttons - Fir-Tree
Ø x H: 18 x 31 mm

Part No.	Pack of
FIX503	50

BMW 52201964201 / 52201964201
Chrysler 6033082 **Ford** 390018S
GM 10121502 / DZM100080

Natural Fir Tree Clips
Ø x H: 18.5 x 31 mm

Part No.	Pack of
FIX218	50

Land Rover Universal

Light Grey Trim Clips
Ø x H: 18 x 25 mm

Part No.	Pack of
FIX677	20

Universal

Black Trim Buttons - Fir-Tree
Ø x H: 18.5 x 23.8 mm

Part No.	Pack of
FIX504	50

Universal

Light Grey Boot Lining Clips
Ø x H: 19 x 21.5 mm

Part No.	Pack of
FIX703	20

VW N90201601H

Black Fir Tree Fastener
Ø x H: 20 x 18 mm

Part No.	Pack of
FIX900	50

VW N90911301
Suits VAG E-Golf

Black Trim Buttons - Fir-Tree
Ø x H: 21 x 23 mm

Part No.	Pack of
FIX505	50

Fiat 1301019808

RGTOOLS

RG TOOLS
Trim Clip Removal Kit

General purpose trim clip removal kit.

- **Helps prevent damage to interior parts and paint**

Part No.	Qty	Description
RG10700	1 Kit	**5 Piece Kit**

Set contains 1 x standard clip remover, 1 x narrow clip remover, 1 x dual clip remover, 1 x bumper clip remover and 1 wide type clip remover.

Black Gloss Stone Shield Clips
Ø x H: 21.5 x 24 mm

Part No.	Pack of
FIX705	20

GM 22512276

Black Fir Tree Clips
Ø x H: 24 x 18 mm

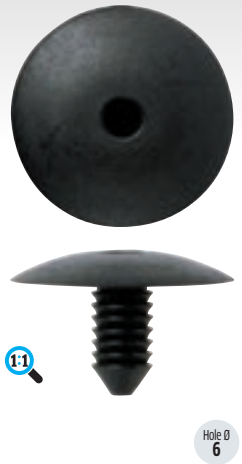
Part No.	Pack of
FIX21	50

VW N989022 **Chrysler** 6003349
Ford 385661

Grey Panel Clips
Ø x H: 26.5 x 32 mm

Part No.	Pack of
FIX244	50

VW 3C0863559 / W706635SSW / W709167SSZUAM
Chrysler 6501916



Black Bonnet Insulation Clips
Ø x H: 28 x 18.5 mm

Part No.	Pack of
FIX163	50

GM 1162484 / 90040750

Black Bumper/
Radiator Push-Type Clips
Ø x H: 35 x 25 mm

Part No.	Pack of
FIX164	50

PSA 7518N8
Renault 7703077225 / 7703077225

Trim Buttons

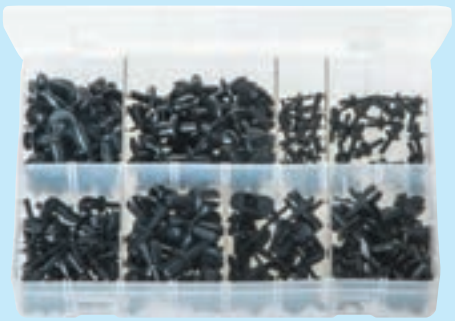
Part No.	Box of
AB151	220 Pieces

1 x Canoe Clip: FIX1. 1 x Self Pierce: FIX34. 1 x Trim Buttons: FIX35 .
2 x Multi-Step: FIX30, FIX33. 3 x Fir-Tree Fixings: FIX20, FIX21, FIX29.

Fir-Tree Fixings

Part No.	Box of
AB253	180 Pieces

2 x Trim Buttons: FIX164, FIX163.
4 x Fir-Trees: FIX29, FIX20, FIX21, FIX218.



Drive Rivets

Part No.	Box of
AB152	220 Pieces

8 x Sizes: FIX31, FIX39, FIX42, FIX43,
FIX44, FIX45, FIX176, FIX516.

Black Trim Panel Push Rivets
W x D x H: 10.5 x 13.5 x 20.5 mm

Part No.	Pack of
FIX414	20

Merc A1249900792

Black Windshield Push Rivets
Ø x S: 11 x 14 mm

Part No.	Pack of
FIX776	20

Mitsubishi MB955901
Toyota 90467-07066
GM 96057847

Black Push Rivets
Ø x S: 12 x 10 mm

Part No.	Pack of
FIX116	50

Merc A1239900092

Black Windshield Push Rivets
W x D x S: 12.5 x 10 x 10 mm

Part No.	Pack of
FIX780	20

VW N90536901

Black Push Rivets
Ø x S: 13 x 8 mm

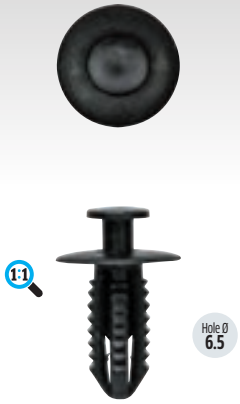
Part No.	Pack of
FIX760	20

Chrysler 6682401G00
Nissan 6682401G00

Black Push Rivets
Ø x S: 15 x 9 mm

Part No.	Pack of
FIX510	50

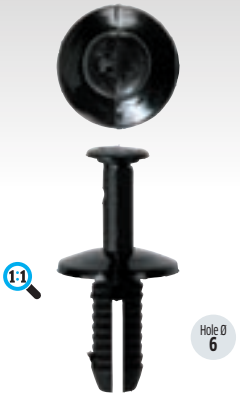
GM 96057846
Mitsubishi MB476821
Suzuki 09409073085PK
Toyota 9046707041



Black Push Rivets
Ø x S: 16 x 18 mm

Part No.	Pack of
FIX759	20

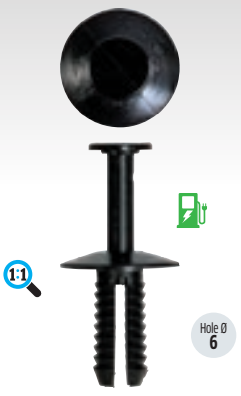
Merc A1249900492



Black Push Rivets
Ø x S: 15 x 15 mm

Part No.	Pack of
FIX107	50

BMW 51111908077
Merc A0009905492



Black Push Rivets
Ø x S: 15 x 15 mm

Part No.	Pack of
FIX111	50

VW N90359101 **BMW** 51111908077
Merc A0009905492 / A0009905492 / A1249900492
Suits BMW i3, i8

Black Bumper Push Rivets
Ø x S: 15 x 20 mm

Part No.	Pack of
FIX109	50

BMW 51111964186
GM 1400804

Black Windshield Push Rivets
Ø x S: 16 x 8 mm

Part No.	Pack of
FIX774	20

Toyota 90467-07146

Black Front Bumper/Boot Push Rivets
Ø x S: 18 x 10 mm

Part No.	Pack of
FIX766	20

Nissan 155309611 / 155310501
Toyota 9046708185

Black Windshield Push Rivets
Ø x S: 18 x 11.5 mm

Part No.	Pack of
FIX781	20

Nissan 8099905N07
Toyota 9046707043 / 9046707043C0 **Volvo** 987789

Black Bumper Push Rivets
Ø x S: 18 x 13 mm

Part No.	Pack of
FIX257	50

Black Push Rivets
Ø x S: 18 x 13 mm

Part No.	Pack of
FIX512	50

Mitsubishi MR200300

Black Front/Rear Bumper Push Rivets
Ø x S: 19.5 x 17 mm

Part No.	Pack of
FIX753	20

Honda 91503SZ5003

Black Push Rivets Ø x S: 18 x 23 mm

Part No.	Pack of
FIX238	20

Chrysler 6504521

Black Bumper Cover/Grille
Push Rivets Ø x S: 18 x 32 mm

Part No.	Pack of
FIX764	20

Toyota 5216120010 / 5216116010
Suits TOYOTA CH-R

Black Push Rivets
Ø x S: 18 x 28 mm

Part No.	Pack of
FIX511	50

Black Push Rivets
Ø x S: 19 x 16 mm

Part No.	Pack of
FIX112	50

BMW 51118174185

Black Push Rivets
Ø x S: 19 x 14 mm

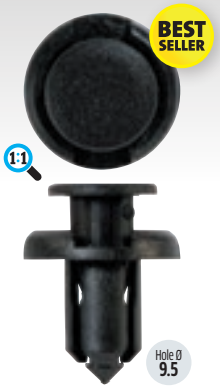
Part No.	Pack of
FIX513	50

BMW 51118174185
GM 9046710161150 / 94858299
Honda 156056A003
Mazda E4T68865A
Mitsubishi MU480150
Suzuki 3568481A10

Black Windshield Push Rivets
Ø x S: 18 x 17.5 mm

Part No.	Pack of
FIX891	20

Ford 4855809
GM 11589289 / 6508863AA



Black Bumper Drive Rivets
Ø x S: 19.5 x 13 mm

Part No.	Pack of
FIX178	20

Honda 91501SZ3003

Black Push Rivets
Ø x S: 19.5 x 13 mm

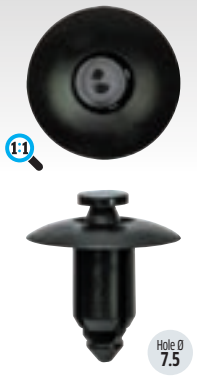
Part No.	Pack of
FIX514	50

Honda 91501SZ3003

Black Push Rivets
W x D x S: 18 x 18 x 11 mm

Part No.	Pack of
FIX637	20

Toyota 5325920030



Black Push Rivets
Ø x S: 19.5 x 12 mm

Part No.	Pack of
FIX758	20

Honda 91545SE0003
Nissan 0155304233 / 6384801G00
Toyota 677715201OB1
Volvo 3541113

Black Bumper Push Rivets
Ø x S: 19.5 x 13 mm

Part No.	Pack of
FIX231	20

Honda 91503SZ3003 / 91505S9A003

Black Front Fender Push Rivets
Ø x S: 20 x 10 mm

Part No.	Pack of
FIX180	20

Honda 91512SX0003

Black Bumper Push Rivets
Ø x S: 20 x 10 mm

Part No.	Pack of
FIX258	50

PSA 71741883
Suzuki 09409073320O0
Toyota 9046707164
Suits FIAT/MAZDA/MITSUBISHI/ TOYOTA Auris Hybrid

Black Push Rivets
Ø x S: 20 x 10 mm

Part No.	Pack of
FIX769	20

Honda 91512SX0003

Black Bonnet Clip
Ø x H: 20 x 20 mm

Part No.	Pack of
FIX273	50

PSA 856553
Renault 1609267280

Black Push Rivets
Ø x S: 20 x 11 mm

Part No.	Pack of
FIX508	50

PSA 7013J0 / 8211MV

Black Front Bumper Push Rivets
Ø x S: 20 x 11 mm

Part No.	Pack of
FIX765	20

Honda 91503S7A003

Black Front Bumper Push Rivets
Ø x S: 20 x 13 mm

Part No.	Pack of
FIX768	20

Nissan 11296AG000 / 91503SZ3003

Black Push Rivets
Ø x S: 20 x 5 mm

Part No.	Pack of
FIX113	50

BMW 51481938725

Black Push Rivets
Ø x S: 20 x 14 mm

Part No.	Pack of
FIX114	50

BMW 51471911992
Merc A2019900292
Mitsubishi M8201411
Volvo 30820141
Suits BMW i3, i8

Black Push Rivets
Ø x S: 20 x 14 mm

Part No.	Pack of
FIX506	50

BMW 51471911992
Merc A2019900292
Mitsubishi M8201411
Volvo 30820141

Charcoal Grey Windshield Push Rivets
Ø x S: 20 x 20.5 mm

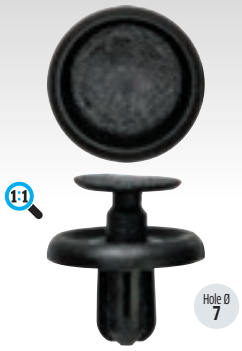
Part No.	Pack of
FIX779	20

Merc A1269900192

Black Push Rivet
Ø x S: 18 x 15 mm

Part No.	Pack of
FIX938	20

Tesla 100653500A
Suits TESLA Model S 2016-



Black Engine Under Cover
Push Rivets Ø x S: 20 x 11 mm

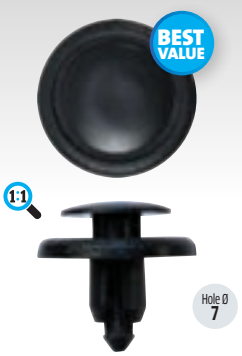
Part No.	Pack of
FIX763	20

Toyota 9046707201

Black Windshield Push Rivets
Ø x S: 20 x 12.5 mm

Part No.	Pack of
FIX772	20

Subaru 59114AG000



Black Push Rivets
Ø x S: 20 x 8 mm

Part No.	Pack of
FIX509	50

Black Push Rivets
Ø x S x H: 20 x 8 x 22 mm

Part No.	Pack of
FIX754	20

Nissan 6384801G00
Volvo 3541113

Black Push Rivet
Ø x S: 18 x 10 mm

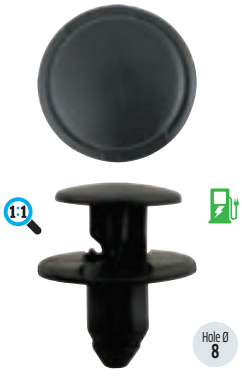
Part No.	Pack of
FIX937	20

Tesla 1006521 00A
Suits TESLA Model 3 2017-, Model S 2012-

Black Push Rivet
Ø x S: 18 x 13 mm

Part No.	Pack of
FIX924	50

Hyundai 865952T500
Suits HYUNDAI IONIQ



Black Push Rivet
Ø x S: 20 x 12 mm

Part No.	Pack of
FIX930	50

PSA 11612035
Suits PSA Ampera

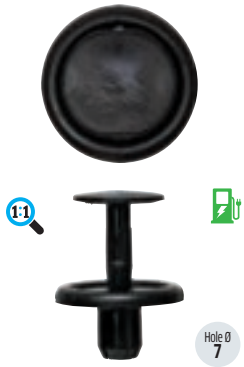
Black Bumper Push Rivets
Ø x S: 20 x 9 mm

Part No.	Pack of
FIX240	50

Mitsubishi MR328954
Nissan 0155309231
Toyota 9004468320

Black Push Rivets
Ø x S: 20 x 9 mm

Part No.	Pack of
FIX507	50



Black Windshield Push Rivets
Ø x S: 20 x 9 mm

Part No.	Pack of
FIX771	20

Toyota 9046707214
Suits TOYOTA Prius

Black Push Rivets
Ø x S: 20 x 21 mm

Part No.	Pack of
FIX751	20

VW 8E0825267 **Chrysler** 6503598
Ford 1039463 / N807389S
GM 21030249 **Land Rover** ANR2224
Renault 7701049271

Black Bumper Push Rivets
Ø x S: 20 x 20 mm

Part No.	Pack of
FIX110	50

VW N90359101
GM 1400806 / 90508809

Black Push Rivet
Ø x S: 20 x 21 mm

Part No.	Pack of
FIX922	50

BMW 51127004445
Suits BMW i3

Black/Light Grey Roof Trim
Push Rivets Ø x S: 24 x 30 mm

Part No.	Pack of
FIX756	20

Ford E866241SS2M

Grey Push Rivets
Ø x S: 27 x 19 mm

Part No.	Pack of
FIX651	20

Mercedes-Benz

Hole Ø 3.5

Black Drive Rivets
Ø x S: 4.8 x 6 mm

Part No.	Pack of
FIX88	50

Hole Ø 4

Black Drive Rivets
Ø x S: 7.6 x 8 mm

Part No.	Pack of
FIX42	50

PSA 697224 / 9608351380
Renault 7703072224
Eurocode 6539ASSH

Hole Ø 3.5

Black Drive Rivets
Ø x S: 8 x 7 mm

Part No.	Pack of
FIX91	50

Hole Ø 5

Black Drive Rivets
Ø x S: 8.7 x 8 mm

Part No.	Pack of
FIX43	50

GM 167935
Merc A0009900392 / A0009902292
PSA 7903072116
Renault 7703072173

BEST SELLER

Hole Ø 6

Black Drive Rivets
Ø x S: 9.5 x 12 mm

Part No.	Pack of
FIX44	50

Hole Ø 5

Black Drive Rivets
Ø x S: 10 x 12 mm

Part No.	Pack of
FIX97	50

VW 1L0853934 / N0385012 / N10259301
BMW 51161881149
Merc A0009903492
PSA 77030721 / 7903072170
Renault 7703072116

BEST VALUE

Hole Ø 5

Black Drive Rivets
Ø x S: 10 x 12 mm

Part No.	Pack of
FIX515	50

VW 1L0853934 / N0385012 / N10259301
BMW 51161881149
Merc A0009903492
PSA 77030721 / 7903072170
Renault 7703072116

Hole Ø 5

Black Drive Rivets
Ø x S: 10 x 14 mm

Part No.	Pack of
FIX174	50

Renault 7703072144

Hole Ø 6.5

Black Drive Rivets
Ø x S: 11 x 12 mm

Part No.	Pack of
FIX94	50

Hole Ø 5

Black Drive Rivets
Ø x S: 11.4 x 7 mm

Part No.	Pack of
FIX95	50

GM 167935 **PSA** 7903072116
Renault 7703072173
Volvo 947098

Hole Ø 8

Black Drive Rivets
Ø x S: 12.5 x 12 mm

Part No.	Pack of
FIX98	20

VW N0385501 **Ford** 7200671
PSA 781424

BEST SELLER

Hole Ø 8

Black Drive Rivets
Ø x S: 13 x 13 mm

Part No.	Pack of
FIX45	50

Land Rover 79086L

Hole Ø 8

Black Underide Guard Drive Rivets Ø x S: 13 x 15 mm

Part No.	Pack of
FIX106	20

GM 90356928
Merc A0009903792

Hole Ø 6

Black Drive Rivets
Ø x S: 16 x 11 mm

Part No.	Pack of
FIX103	50

VW N10219501 / N10219502
Ford 1009164
GM 2317703 / 90116376
Merc A0009905592
Volvo 3923475

BEST SELLER

Hole Ø 8

Black Drive Rivets
Ø x S: 16 x 10 mm

Part No.	Pack of
FIX104	50

GM 1719245 / 90138810

Hole Ø 8

Black Drive Rivets
Ø x S: 16 x 11 mm

Part No.	Pack of
FIX100	50

VW 16186729901C / N038549101C / **BMW** 1916670
Ford E844052S
GM 1104880 / 90087290
Merc A0009902992
Volvo 35126242 / 94530507

BEST SELLER

Hole Ø 8

Black Drive Rivets
Ø x S: 16 x 13 mm

Part No.	Pack of
FIX39	50

BEST VALUE

Hole Ø 8

Black Drive Rivets
Ø x S: 16 x 13 mm

Part No.	Pack of
FIX517	50

VW 16186729901C / N038549101C / N0385494
BMW 1916670
Ford E844052S
GM 1104880 / 90087290
Merc A0009902992
PSA 697324
Volvo 35126242 / 94530507

Hole Ø 8

Black Panel Drive Rivets
Ø x S: 16 x 14 mm

Part No.	Pack of
FIX709	20

Volvo 91334177

Black Drive Rivets
Ø x S: 16 x 14 mm

Part No.	Pack of
FIX175	50

Merc A0009904529
PSA 79030721 / 740760
Volvo 12681763

Black Drive Rivets
Ø x S: 16.5 x 14 mm

Part No.	Pack of
FIX516	50

Merc A0009904529
PSA 79030721 / 12688176 / 740760
Volvo 12681763

Black Drive Rivets
Ø x S: 18 x 17 mm

Part No.	Pack of
FIX99	50

VW 171885767
Merc A0019944145

Black Drive Rivets
Ø x S: 18.7 x 15 mm

Part No.	Pack of
FIX176	20

GM 1104882 / 90450482
Merc A0019901692

Black Bumper Drive Rivets
Ø x S: 20 x 15 mm

Part No.	Pack of
FIX105	50

BMW 51111944537

Black Drive Rivets
Ø x S: 20 x 24 mm

Part No.	Pack of
FIX177	20

VW 8L0807300

BAHCO

BAHCO Trim Clip Tool

Blade made of high performance alloy steel. Hardness: 40-46 HRC.

Part No.	Qty	Shaft Length	Overall Length
TL125	1	175 mm	245 mm

EV Insulated Trim/Cable Tool Set

Used to safely remove vehicle trim and clipped components on electric and hybrid vehicles. Supplied with storage pouch.

- **Four profile shapes to assist with removal of various trim clip styles**
- **Tested up to 1000 volts**

Part No.	Qty	Description
EVH21	1	EV Trim Clip Tools

RG TOOLS

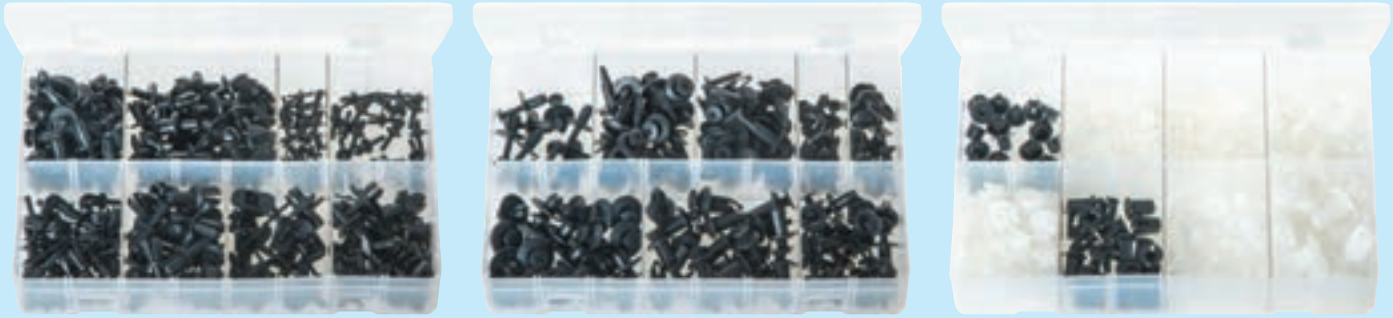
RG TOOLS Trim Clip Removal Kit

General purpose trim clip removal kit.

- **Helps prevent damage to interior parts and paint**

Part No.	Qty	Description
RG10700	1 Kit	5 Piece Kit

Set contains 1 x standard clip remover, 1 x narrow clip remover, 1 x dual clip remover, 1 x bumper clip remover and 1 wide type clip remover.



Drive Rivets

Part No.	Box of
AB152	220 Pieces

8 x Sizes: FIX31, FIX39, FIX42, FIX43, FIX44, FIX45, FIX176, FIX516.

Screw-Type Rivets

Part No.	Box of
AB172	130 Pieces

8 x Sizes: FIX31, FIX117, FIX118, FIX119, FIX120, FIX121, FIX122, FIX123.

Locking Nuts

Part No.	Box of
AB153	220 Pieces

3 x Round: FIX9, FIX28, FIX38. 1 x Reverse Round: FIX71. 1 x Square: FIX23. 1 x Square Reverse: FIX22. 2 x Large Locking Nuts: FIX73, FIX74.

Black Screw-Type Rivets
W x D x S: 15 x 8 x 15 mm

Part No.	Pack of
FIX124	20

BMW 51131885399

Black Screw-Type Rivets
Ø x S: 11 x 18 mm

Part No.	Pack of
FIX119	50

Black Screw-Type Rivets
Ø x S: 12 x 11 mm

Part No.	Pack of
FIX117	50

Merc A0009904092 / A1249900592 / A1249909051

Black Screw-Type Rivets
Ø x S: 15 x 13 mm

Part No.	Pack of
FIX31	50

GM 94198687
Honda 90467SA6003
Mazda N30413356A
Toyota 9046706017

Black Screw-Type Rivets
Ø x S: 15 x 13 mm

Part No.	Pack of
FIX522	50

GM 94198687
Honda 90467SA6003
Hyundai KK37668868
Isuzu 8942981190
Mazda N30413356A
Nissan 1099830880
Toyota 9046706017

Black Bumper Liner Screw-Type Rivets
Ø x S: 15 x 13 mm

Part No.	Pack of
FIX794	20

GM 94530438
Mitsubishi MB344728
Nissan 65810AD20

Black Lining Clips
Ø x S: 15 x 14 mm

Part No.	Pack of
FIX807	20

Honda 90687-SB0-003 / 90687-SB0-013 / 91550-SH3-003

Black Screw-Type Rivets
Ø x S: 15 x 17 mm

Part No.	Pack of
FIX518	50

Ford 1007932 / 96SG16K262 / W703915SSYYB6

Black Screw-Type Rivets
Ø x S: 15 x 19 mm

Part No.	Pack of
FIX120	50

Chrysler 6503163
Ford W706264S300
GM 10053182

Black Screw-Type Rivets
Ø x S: 15.5 x 23 mm

Part No.	Pack of
FIX121	50

Chrysler 6502871
Ford N803946S / 1354124

Black Screw-Type Rivets
Ø x S: 16 x 12 mm

Part No.	Pack of
FIX118	50

Merc A1239900592
Volvo 3120254

Black Screw-Type Rivets
Ø x S: 16 x 14 mm

Part No.	Pack of
FIX126	20

Black Screw-Type Rivets
Ø x S: 16 x 17 mm

Part No.	Pack of
FIX236	20

Chrysler 10139822 / 6508197AA
Ford 1007932 / 1673046 / 96SG16K262
Ford W703915SSYYB6

Black Bumper Screw-Type Rivets
Ø x S: 17 x 11 mm

Part No.	Pack of
FIX234	20

Mitsubishi MB253964
Toyota 90467-07030

Black Bumper Screw-Type Rivets
Ø x S: 18 x 13 mm

Part No.	Pack of
FIX232	20

Ford MB45556143
Hyundai 0G03250037A / 8659028000
Mazda B09251833

White Bumper Clips
Ø x S: 18 x 13 mm

Part No.	Pack of
FIX796	20

Ford MB-455-56143
Mazda B092-51-833
Hyundai 0G032-50037A

Black Screw-Type Rivets
Ø x S: 18 x 13 mm

Part No.	Pack of
FIX520	50

Hyundai 8659028000
Mazda B09251833

Black Screw-Type Rivets
Ø x S: 18 x 10 mm

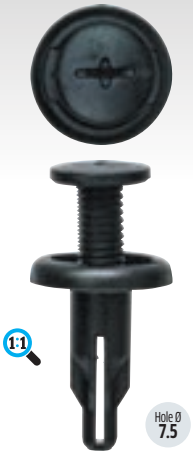
Part No.	Pack of
FIX519	50

Honda 90688SB0003

Black Trim Panel Clips
Ø x S: 18 x 18.5 mm

Part No.	Pack of
FIX804	20

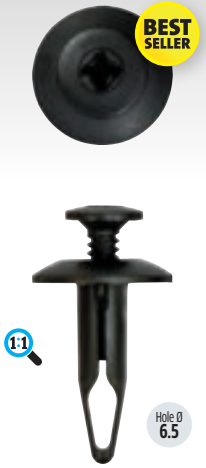
Merc A1269900392



Black Push Type Clips
Ø x S: 18 x 22 mm

Part No.	Pack of
FIX359	20

Honda 90505SM4003



Black Screw-Type Rivets
Ø x S: 18 x 23 mm

Part No.	Pack of
FIX122	50

Chrysler 10139822 / 6508197AA
Ford 1007932 / 1673046

Black Trim Panel Clips
Ø x S: 18 x 12 mm

Part No.	Pack of
FIX793	20

VW 7O1867299O1C

Black Screw-Type Rivets
Ø x S: 20 x 20 mm

Part No.	Pack of
FIX523	50

Land Rover AWR3994
Mazda NA0156145
Nissan 6384401A00 / 6385401A00 / 6387801E10

Black Bumper Screw-Type Rivets
Ø x S: 19 x 11 mm

Part No.	Pack of
FIX233	20

Ford MB25556143
Honda 90675SB3003
Hyundai 0G03250037A / 8659028000
Mazda FB0156964
Nissan 6387695596 / B09251833

Black Screw-Type Rivets
Ø x S: 20 x 8 mm

Part No.	Pack of
FIX181	20

Honda 90675SB003
Nissan 75521611000

Black Screw-Type Rivets
Ø x S: 20 x 8 mm

Part No.	Pack of
FIX123	50

Honda 90675SB003
Nissan 75521611000

Black Screw-Type Rivets
Ø x S: 20 x 14 mm

Part No.	Pack of
FIX182	10

BMW 7887508000
Honda 91503SP0003 / 91503SP0003
Land Rover DYQ100230
Mazda FB0156964
Nissan 6387695596
Toyota 94530623

Black Screw-Type Rivets
Ø x S: 20 x 14 mm

Part No.	Pack of
FIX521	50

Search for Trim Clips by OEM Ref - See Page 191

Black Screw Type Rivets
Ø x S: 23 x 16 mm

Part No.	Pack of
FIX798	20

VW 8541ASCHB

Black Screw Type Rivets
Ø x S: 25 x 14 mm

Part No.	Pack of
FIX797	20

Black TX15 Screw Rivet
W x D x S: 25 x 18 x 9 mm

Part No.	Pack of
FIX904	50

VW WHT005263
Suits VAG E-Up, E-Golf

Black Screw-Type Rivets
Ø x S: 20 x 26 mm

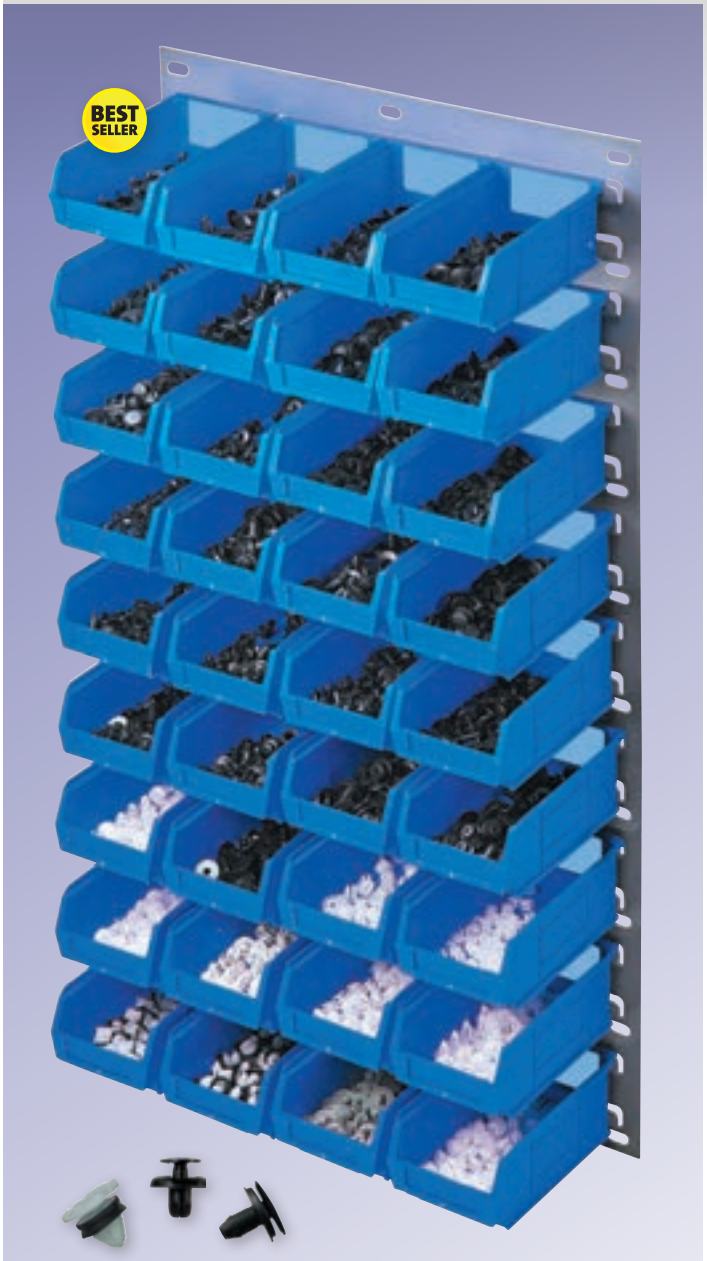
Part No.	Pack of
FIX216	20

Honda 91502SP0003

Black Expansion Rivets
Ø x S: 30 x 17 mm

Part No.	Pack of
FIX802	10

Merc A0019900192



Bodyshop Trim Clips Bin Kit

Contains 36 packs of our most popular fixings.

Part No.	Qty	Description
MKIT2	1 Kit	**Trim Clip Workshop Kit**

1 x Louvred Panel (W x H): 457 x 946 mm (SB35). 36 x Storage Bins (D x W x H): 165 x 100 x 75 mm Blue (SB21BU). 36 x Trim Clips including Body Screws, Bonnet Clips, Door Trim Panel Retainers, Door Weather Clips, Drive Rivets, Lock Nuts, Moulding Clips, Panel Clips, Pipe & Cable Clips, Rivets, Push Rivets, Screw-Rivets, U-Nuts and Windshield Retainers.

Trim Clips - Top Up Pack

Contains 36 packs of our most popular fixings.

Part No.	Qty	Description
MKIT2T	1 Kit	**Trim Clips - Top Up Pack**

36 x Trim Clips including Body Screws, Bonnet Clips, Door Trim Panel Retainers, Door Weather Clips, Drive Rivets, Lock Nuts, Moulding Clips, Panel Clips, Pipe & Cable Clips, Rivets, Push Rivets, Screw-Rivets, U-Nuts and Windshield Retainers.

BAHCO

BAHCO Trim Clip Tool

Blade made of high performance alloy steel. Hardness: 40-46 HRC.

Part No.	Qty	Shaft Length	Overall Length
TL125	1	**175 mm**	245 mm

RGTOOLS

RG TOOLS Trim Clip Removal Kit

General purpose trim clip removal kit.

- **Helps prevent damage to interior parts and paint**

Part No.	Qty	Description
RG10700	1 Kit	**5 Piece Kit**

Set contains 1 x standard clip remover, 1 x narrow clip remover, 1 x dual clip remover, 1 x bumper clip remover and 1 wide type clip remover.

EV Insulated Trim/Cable Tool Set

Used to safely remove vehicle trim and clipped components on electric and hybrid vehicles. Supplied with storage pouch.

- **Four profile shapes to assist with removal of various trim clip styles**
- **Tested up to 1000 volts**

Part No.	Qty	Description
EVH21	1	**EV Trim Clip Tools**

1:1 Actual Size Images

Trim Clip Chart

Double sided A1 size guide,
folded down to A4 for easy and convenient use.

If displaying range on a wall two copies will be required.

- **Contains 330 popular trim clips, body screws, number plate screws and rivets**
- **A1 size chart**
- **Actual size images for quick and easy identification**

Part No.	Qty	Description
YCHART1	1	A1 Double Sided Wall Chart

Search for Trim Clips by OEM Ref - See Page 191

Natural Locking Nuts
W x H: 9.5 x 8 mm

Part No.	Pack of
FIX23	50

Natural Locking Nuts
W x H: 9.5 x 12 mm

Part No.	Pack of
FIX22	50

Natural Locking Nuts
Ø x H: 9 x 9.5 mm

Part No.	Pack of
FIX524	50

VW 155809966
Fiat 14115980 **PSA** 6992G2

Natural Locking Nuts
W x H: 9 x 12 mm

Part No.	Pack of
FIX72	50

Black Locking Nuts
Ø x H: 12 x 14 mm

Part No.	Pack of
FIX71	50

VW 6N0809966A / 867809966

Black Locking Nuts
W x D x H: 12 x 7 x 12 mm

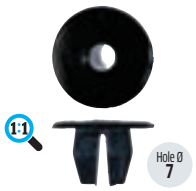
Part No.	Pack of
FIX134	50

VW 811807577C

Natural Locking Nuts
W x H: 11 x 12 mm

Part No.	Pack of
FIX142	50

GM 1216957 / 90230960



Black Round Locking Nuts
Ø x H: 13 x 8 mm

Part No.	Pack of
FIX9	50

Natural Locking Nuts
Ø x H: 12.5 x 11 mm

Part No.	Pack of
FIX28	50

Yellow Locking Nuts
W x H: 14 x 8 mm

Part No.	Pack of
FIX190	50

Toyota 9018906018

Natural Locking Nuts
Ø x H: 16 x 11 mm

Part No.	Pack of
FIX525	50

Natural Round Locking Nuts
Ø x H: 16 x 9 mm

Part No.	Pack of
FIX38	50

White Locking Nuts
Ø x H: 14.3 x 16 mm

Part No.	Pack of
FIX191	20

BMW 51127046911
Honda 906726718110M1 / 91620SR2003
Hyundai 9751922000

Natural Locking Nuts
Ø x H: 16 x 20 mm

Part No.	Pack of
FIX73	50

VW 321813998A
Honda 90672671811M
Toyota 9018904013

White Push Type Clips
Ø x H: 17.5 x 17.5 mm

Part No.	Pack of
FIX747	20

Mitsubishi MB098145 / MU480033
Toyota 9018906001

Natural Locking Nuts
Ø x H: 22 x 21 mm

Part No.	Pack of
FIX74	50

Ford 1007902 / 1659672

Black Fender Screw Grommets
Ø x H: 16 x 20 mm

Part No.	Pack of
FIX749	20

GM 94854203
Toyota 9018906224

Black Locking Nuts
Ø x H: 20 x 18.5 mm

Part No.	Pack of
FIX192	50

Toyota 9018906013
Suits TOYOTA Prius

Black Locking Nuts
Ø x H: 20 x 18.5 mm

Part No.	Pack of
FIX526	50

Toyota 9018906013

Black Locking Nuts
Ø x H: 15 x 14 mm

Part No.	Pack of
FIX135	50

VW N90833801

Black Locking Nuts
Ø x H: 16 x 21 mm

Part No.	Pack of
FIX137	20

VW 357827998

Black Locking Nuts
Ø x H: 15 x 21.5 mm

Part No.	Pack of
FIX136	50

VW N90821401

Grey Locking Nuts
Ø x H: 16 x 25 mm

Part No.	Pack of
FIX138	50

VW 357868143

Black Locking Nuts
Ø x H: 18 x 21 mm

Part No.	Pack of
FIX139	20

VW 357827998A / 357827998A

Black Locking Nuts
Ø x H: 18 x 25 mm

Part No.	Pack of
FIX145	20

GM 1406984 / 90482706

Black Locking Nuts
Ø x H: 24 x 10.5 mm

Part No.	Pack of
FIX146	50

BMW 51711958025
Merc A2019900050

Black Trim Locking Nut
Ø x H: 16 x 10 mm

Part No.	Pack of
FIX928	50

PSA 90413589 / 180942
Suits PSA Ampera

Black Locking Nuts
Ø x H: 16 x 11 mm

Part No.	Pack of
FIX147	50

VW 8E0825265C
BMW 16131176747
GM 180942 / 90413589
Merc A0039900251

Black Trim Locking Nut
Ø x H: 22 x 11 mm

Part No.	Pack of
FIX905	50

VW N90757901
Suits VAG E-Golf, E-Up

Black Trim Locking Nut
W x D x H: 25 x 25 x 12 mm

Part No.	Pack of
FIX917	20

VW 8V068243 / 8V0868243B
Suits VAG E-tron

Clear Plug in Clips
W x D x H: 17 x 15 x 11 mm

Part No.	Pack of
FIX481	20

BMW 51418215806

White Grommets
Ø x H: 11 x 14 mm

Part No.	Pack of
FIX305	20

Merc A0019887681

Natural Friction Bushes
Ø x H: 5 x 12 mm

Part No.	Pack of
FIX6	50

VW 113853615 **Fiat** 4234280
Merc A0009880027
PSA 9629547080

Black Screw Grommets
W x D x H: 10 x 10 x 15 mm

Part No.	Pack of
FIX890	20

BMW 63171367868
Merc A0009881625

White Moulding Grommet
Ø x H: 14 x 12 mm

Part No.	Pack of
FIX903	50

VW 3B0867334
Suits VAG E-Golf

White Headlight Clips
Ø x H: 15 x 10 mm

Part No.	Pack of
FIX645	20

Hyundai 92351-37000

White Headlight Clips
W x D x H: 18.5 x 14 x 15 mm

Part No.	Pack of
FIX421	20

VW 191941142

Black Front Logo Clips
Ø x H: 8 x 13 mm

Part No.	Pack of
FIX366	20

Renault 7703081151

Green Moulding Clips
Ø x H: 13 x 12 mm

Part No.	Pack of
FIX87	50

VW 1H0853586

Beige/Black Grommets
Ø x H: 16 x 17.5 mm

Part No.	Pack of
FIX193	50

VW N10516801

1:1 Actual Size Images

White Mirror Panel Clips
Ø x H: 12 x 16 mm

Part No.	Pack of
FIX810	20

Ford 9032112 / 149910

White/Grey Panel Clips
Ø x H: 15 x 14 mm

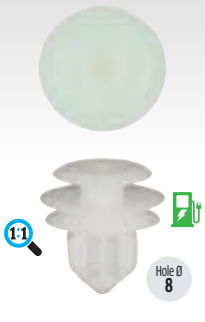
Part No.	Pack of
FIX816	20

Renault 7701050734 / 7703077430

Black Door Panel Clips
Ø x H: 15 x 20.5 mm

Part No.	Pack of
FIX856	20

Renault 7703077434
GM 93160780



White Panel Clip
Ø x H: 16 x 17 mm

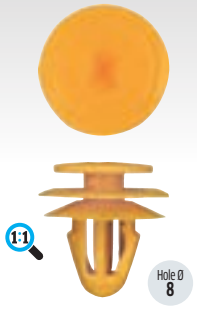
Part No.	Pack of
FIX946	50

Toyota 6221713010
Suits TOYOTA Auris Hybrid 2007-2012, Prius 2008-2012

Black/White Trim Panel Clips
Ø x H: 16 x 19 mm

Part No.	Pack of
FIX818	20

Ford 1257376



Yellow Panel Clip
Ø x H: 16.5 x 17 mm

Part No.	Pack of
FIX926	50

Hyundai 8231538000
Suits HYUNDAI Kona

Blue Panel Clips
Ø x H: 16.5 x 19 mm

Part No.	Pack of
FIX846	20

VW 171867299B
Honda 91560-S9A-A01

Yellow Panel Clip
Ø x H: 17 x 18 mm

Part No.	Pack of
FIX927	50

Mercedes A0009918698
Suits MERCEDES EQB, A-Klasse Hybrid, CLA Hybrid

Natural Panel Clips
Ø x H: 17 x 18 mm

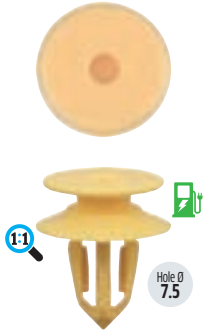
Part No.	Pack of
FIX527	50

Ford 1008086
GM 2345957 / 2345959 / 90321122 / 90457899
Toyota 6777102030

Grey Panel Clip
Ø x H: 17 x 20 mm

Part No.	Pack of
FIX931	50

PSA 11610605 / 2345417
Suits PSA Ampera



Yellow Panel Clip
Ø x H: 17 x 20 mm

Part No.	Pack of
FIX932	50

PSA 11610606 / 2073050
Suits PSA Ampera

Yellow Panel Clips
Ø x H: 17 x 20 mm

Part No.	Pack of
FIX831	20

VW 7M0867299K
Ford 1008068 / A310A46-AA

Yellow Panel Clips
Ø x H: 17.5 x 21 mm

Part No.	Pack of
FIX167	20

VW 7M0867299K
Ford 1008086 / A310A46AA

White Panel Clips
Ø x H: 18 x 16 mm

Part No.	Pack of
FIX7	50

White Panel Clip w/Black Rubber
Ø x H: 18 x 16.5 mm

Part No.	Pack of
FIX893	50

VW 5J0867276
Suits VAG E-Up, Enyaq

Blue Panel Clip
Ø x H: 18 x 17 mm

Part No.	Pack of
FIX947	50

Hyundai 8231533020
Suits HYUNDAI IONIQ

Natural Panel Clips
Ø x H: 18 x 17 mm

Part No.	Pack of
FIX529	50

VW 2730ASCTS1B
PSA 699156
Renault 7703077469
Eurocode 2730ASCTS1B

White Inner Door Panel Clips
Ø x H: 18 x 17.5 mm

Part No.	Pack of
FIX841	20

Ford 6117693 / E865220S
Merc A0069884378
Mitsubishi M283083

1:1 Actual Size Images

Blue Moulding Clips
Ø x H: 18 x 17.5 mm

Part No.	Pack of
FIX838	20

GM 88970345
Toyota 9046710167

White Panel Clip
Ø x H: 18 x 19 mm

Part No.	Pack of
FIX925	50

Hyundai 823152P000
Suits HYUNDAI IONIQ, Kona

White Panel Clip
Ø x H: 18 x 19 mm

Part No.	Pack of
FIX919	50

BMW 51417046415
Suits BMW i3, i8

White Panel Clip
Ø x H: 18 x 20 mm

Part No.	Pack of
FIX943	20

Toyota 9046709206
Suits TOYOTA Prius

White Panel Clip
Ø x H: 18 x 20 mm

Part No.	Pack of
FIX945	50

Toyota 9046709203
Suits TOYOTA CH-R 2016-2019

Blue Panel Clips
Ø x H: 18 x 20 mm

Part No.	Pack of
FIX48	50

Ford 1070107

Natural Interior Lining Clips
Ø x H: 18 x 20 mm

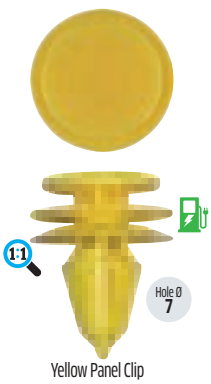
Part No.	Pack of
FIX272	50

BMW 51418224768

Natural Panel Clips
Ø x H: 18 x 20.5 mm

Part No.	Pack of
FIX531	50

GM 909130115
Toyota 9046710161



Yellow Panel Clip
Ø x H: 18 x 23 mm

Part No.	Pack of
FIX939	20

Tesla 101607800A
Suits TESLA 2012-2021 Tesla S

Black Panel Clips
Ø x H: 18 x 21 mm

Part No.	Pack of
FIX160	20

VW 703867299

White Panel Clip
Ø x H: 18.5 x 18 mm

Part No.	Pack of
FIX252	50

PSA 8E9867299
Renault 6991S6
Eurocode 2730ASCTS1B

Green Lower Panel Clips
Ø x H: 18.5 x 18 mm

Part No.	Pack of
FIX848	20

Toyota 9046710167
Merc A0009912771
Suits TOYOTA CH-R

White Panel Clips
Ø x H: 18.5 x 20 mm

Part No.	Pack of
FIX530	50

Toyota 6777102030

White Panel Clip
Ø x H: 19 x 20 mm

Part No.	Pack of
FIX936	20

Tesla 104730700A
Suits TESLA Model 3 2017-

Green Panel Clip
Ø x H: 19 x 20 mm

Part No.	Pack of
FIX934	50

Tesla 101181300A
Suits TESLA Model S 2012-, Model 3 2016-

Natural Panel Clips
Ø x H: 18.5 x 21 mm

Part No.	Pack of
FIX165	20

Fiat 500326189
Ford 6176723

Black Panel Clip
Ø x H: 19.5 x 22 mm

Part No.	Pack of
FIX941	20

Toyota 9046710204
Suits TOYOTA CH-R

Grey Panel Clips
Ø x H: 20 x 19 mm

Part No.	Pack of
FIX37	50

Ford 6117693

1:1 Actual Size Images

Green Panel Clips
Ø x H: 18 x 18 mm

Part No.	Pack of
FIX217	50

BMW 51411870718

Black Panel Clips
Ø x H: 18 x 18.5 mm

Part No.	Pack of
FIX242	50

VW 893867290
GM 2240587 / 2240593 / 90321121

Black Panel Clips
Ø x H: 18 x 21 mm

Part No.	Pack of
FIX47	50

VW 823867299
Toyota 7504933010

White Panel Clips
Ø x H: 18 x 21 mm

Part No.	Pack of
FIX528	50

VW 893867290
BMW 51411885961 / 51411973500
BMW 51418224768
Ford 5EEFIX528

Natural Panel Clips
Ø x H: 18 x 21 mm

Part No.	Pack of
FIX80	50

VW 171867299B / 893867290
BMW 51411885961

Dark Blue Panel Clips
Ø x H: 16 x 18 mm

Part No.	Pack of
FIX861	20

Honda 90602-TA0-003

Black Panel Clips
Ø x H: 14 x 21 mm

Part No.	Pack of
FIX263	50

Land Rover MWC9134

Blue Door Trim Clips
Ø x H: 14 x 21 mm

Part No.	Pack of
FIX886	20

Land Rover MWC9134

White Door Trim Panel Clips
Ø x H: 17 x 15.5 mm

Part No.	Pack of
FIX269	50

PSA 699636
Renault 7703077111
Suzuki 09409083085ES

Black Panel Clip
Ø x H: 17 x 22 mm

Part No.	Pack of
FIX923	20

BMW 51417325082
Suits BMW G20/G21 Hybrid

Black Panel Clip
Ø x H: 21 x 23 mm

Part No.	Pack of
FIX915	20

VW 3CN868243
Suits VAG ID3, ID4, Q4 E-tron

Black Lining Clips
Ø x H: 19 x 22.5 mm

Part No.	Pack of
FIX819	20

Chrysler 6033862
GM 796255 **AMC** 4005099

Black Panel Clips
Ø x H: 23 x 27.5 mm

Part No.	Pack of
FIX168	20

VW 6Q0868243 / 7L6868243
Suits VAG E-Golf

White/Black Panel Clips
Ø x H: 21.5 x 20 mm

Part No.	Pack of
FIX495	20

Renault 7703077476
PSA 9345ZN
Suits PSA OPEL Corsa F Elektro, Grandland X Hybrid, Mokka-e / Peugeot 508 Hybrid, e-208, e-2008, 308 Hybrid, 3008 Hybrid, e-Expert Kombi, e-Traveller / Citroen e-Berlingo, C5 Aircross Plug-In-Hybrid

White Panel Clip
Ø x H: 21.5 x 28 mm

Part No.	Pack of
FIX935	20

Tesla 102540100A
Suits TESLA Model S 2012-, Model 3 2016-

Black Panel Clips
Ø x H: 22 x 22 mm

Part No.	Pack of
FIX83	20

VW 3B0838243

Black Panel Clips
Ø x H: 27 x 30 mm

Part No.	Pack of
FIX169	20

VW 8E0868243

Brown/White Panel Clips complete with Housing
Ø x H: 28 x 32 mm

Part No.	Pack of
FIX82	20

VW 1H0868243B

White/Black Planel Clips
W x D x H: 15.5 x 15.3 x 16.7 mm

Part No.	Pack of
FIX821	20
Hyundai 87702H1000	

White Bumper Retainer Clips
Ø x H: 16 x 13 mm

Part No.	Pack of
FIX230	20
GM 122920	

Grey Panel Clips
Ø x H: 19 x 17 mm

Part No.	Pack of
FIX533	50
Fiat 500326896 / 71728806 **GM** 4409693 / 4412053 / 93160023 **Renault** 7701470779 / 7703077421	

White Panel Clips
Ø x H: 20 x 16 mm

Part No.	Pack of
FIX166	50
PSA 6539ASCHB / 856540 **Renault** 7701049270	

White Panel Clips
Ø x H: 20 x 16 mm

Part No.	Pack of
FIX532	50
Fiat 71737918 **PSA** 6539ASCHB / 856540 **Renault** 7701049270	

Grey Panel Clip
W x D x H: 20 x 12 x 16 mm

Part No.	Pack of
FIX933	50
PSA 11571175 **Suits PSA Ampera**	

Grey Panel Clip
W x D x H: 24 x 21 x 16 mm

Part No.	Pack of
FIX920	50
BMW 7131480418 / 07132757821 / 61677187809 **Suits BMW i3, i8**	

Black Panel Clip
Ø x H: 21 x 27.5 mm

Part No.	Pack of
FIX916	20
VW 3AA868243A **Suits VAG Q4 E-tron**	

Green Moulding Clip
Ø x H: 18.5 x 17 mm

Part No.	Pack of
FIX266	50
Fiat 9408565488 **PSA** 856548	

Orange Moulding Clips
Ø x H: 17 x 24.5 mm

Part No.	Pack of
FIX837	20
Toyota 9090467036	

White Moulding Clips
Ø x H: 18 x 17.8 mm

Part No.	Pack of
FIX228	50
Suzuki 9046711063 **Toyota** 7539533030 / 7693126010	

Black/Clear Base Panel Clips
W x D x H: 15 x 6 x 18 mm

Part No.	Pack of
FIX185	20
VW 1H0837719 **Ford** 106520 / 1065204 **GM** 157979	

White Side Moulding Clips
W x D x H: 18 x 16 x 21 mm

Part No.	Pack of
FIX400	20
VW 3C0853586	

White/Black Surround Panel Clips
Ø x H: 12 x 10.5 mm

Part No.	Pack of
FIX534	50
Fiat 71728806 **PSA** 856543	

White/Black Washer Panel Clips
Ø x H: 18 x 14.5 mm

Part No.	Pack of
FIX535	50
Hyundai 877562 / 877562E000	

Light Blue/Black Rocker Panel Clips
Ø x H: 18 x 19 x 21 mm

Part No.	Pack of
FIX850	20
Hyundai 877583L000	

Natural Bumper Retainer Clips
W x D x H: 20 x 15 x 17 mm

Part No.	Pack of
FIX237	20
Ford 2T14V35312AB	

Yellow/Black Rocker Panel Clips
W x D x H: 20 x 16 x 15 mm

Part No.	Pack of
FIX822	20
Hyundai 877583D000	

White Moulding Clip
W x D x H: 40 x 28 x 39 mm

Part No.	Pack of
FIX902	20

VW 4L0886373
Suits VAG E-Citigo, E-Up

Yellow Moulding Clips
W x D x H: 35 x 39 x 21 mm

Part No.	Pack of
FIX85	20

VW 1H0853585B

Green Moulding Clips
W x D x H: 19 x 32 x 24 mm

Part No.	Pack of
FIX869	20

BMW 51717066223

Green/White/Zinc Plated Battery Terminal Covers - L Shape 2
W x D x H: 54.5 x 16 x 12 mm

Part No.	Pack of
FIX634	10

Merc A2016980660
Eurocode 5328ASCST1B

White Moulding Clips
W x D x H: 31 x 8.5 x 5 mm

Part No.	Pack of
FIX186	20

VW 191853733A / 6U0853733 / 7603ASCH

White Moulding Clips
W x D x H: 32 x 10.5 x 6 mm

Part No.	Pack of
FIX187	20

VW 1H0853733B / 8541ASCH

White Moulding Clips
W x D x H: 41 x 23 x 15 mm

Part No.	Pack of
FIX86	20

VW 1H0853585A

White Door Panel Clips
W x D x H: 48 x 33 x 14 mm

Part No.	Pack of
FIX424	20

Merc A0079887178

Natural Door Lock Rod Clips
W x D x H: 23 x 9.5 x 18 mm

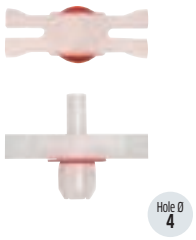
Part No.	Pack of
FIX462	20

Toyota 6929312050

Natural Door Linkage Clips
Ø x H: 9 x 11 mm

Part No.	Pack of
FIX140	50

VW 171837199
Merc A0039885078



White/Red Washer Moulding Clips
W x D x S: 18 x 6 x 5 mm

Part No.	Pack of
FIX63	50

VW 113853585C

Black Door Gasket Clips
Ø x H: 6 x 13 mm

Part No.	Pack of
FIX331	20

Ford 1042065 / W7029851042065

Black Seat Belt Clips
Ø x H: 16 x 5 mm

Part No.	Pack of
FIX411	20

Black Thumb Screw Nuts
W x D x H: 25 x 25 x 17 mm

Part No.	Pack of
FIX640	10

BMW 71111179445

Black Door Lock Knobs
Ø x H: 8.5 x 45.5 mm

Part No.	Pack of
FIX436	10

VW 17S837187989

Hole Ø 4.75

Black Panel Clip
Ø x H: 15 x 28 mm

Part No.	Pack of
FIX944	20

Toyota 4774958010
Suits TOYOTA Prius

Black Fender Clips
W x D x H: 32 x 31 x 12 mm

Part No.	Pack of
FIX471	20

Nissan 6384835F00 / 63848D400
Toyota 5378914010

Black Fender Bumper Clips
W x D x H: 34.5 x 25 x 18.5 mm

Part No.	Pack of
FIX407	20

Toyota 5387958010

Hole Ø 9

Black Screw Nut
Ø x H: 20 x 21 mm

Part No.	Pack of
FIX354	20

GM 1404960

Black Moulding Clips
W x D x H: 20.5 x 12 x 22 mm

Part No.	Pack of
FIX384	20

Ford FCP-0180

Hole Ø 15

Black Cover Plugs
Ø x H: 22 x 10.5 mm

Part No.	Pack of
FIX490	20

VW 1H0837111AB41

Black Bonnet Insulator Clips
Ø x H: 24.5 x 18.5 mm

Part No.	Pack of
FIX434	20

VW 701863841

Black Bonnet Buffers
Ø x H: 18 x 30 mm

Part No.	Pack of
FIX32	20

VW HNA5373BA
Ford AAU5486A

Black Seal Clips
W x D x H: 23 x 29 x 15 mm

Part No.	Pack of
FIX325	20

VW 1H5863849O1C /
867863849A01C

Hole Ø 7

Blue Panel Clip
W x D x H: 28 x 17 x 16.5 mm

Part No.	Pack of
FIX929	50

PSA 1222141 / 24405740
Suits PSA Ampera

Blue Panel Clip
W x D x H: 26 x 13 x 27 mm

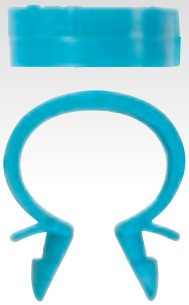
Part No.	Pack of
FIX942	20

Toyota 7539235200
Suits TOYOTA CH-R, Prius

Grey Omega Clips
Ø: 8 mm
Hole Ø 6

Part No.	Pack of
FIX52	50

Fiat 14569680
PSA 7903079004
Renault 7703079070



Blue Omega Clips
Ø: 14 mm
Hole Ø 6

Part No.	Pack of
FIX55	50

White Omega Clips
Ø: 17 mm
Hole Ø 6

Part No.	Pack of
FIX56	50

Yellow Omega Clips
Ø: 24 mm
Hole Ø 6

Part No.	Pack of
FIX57	50

Black Bonnet Rod Clips
W x D x H: 20 x 20 x 29 mm
Hole Ø 10

Part No.	Pack of
FIX458	20

Hyundai 811741G000
Toyota 5345514020

Black Bonnet Rod Clips
Ø x H: 16 x 23 mm

Part No.	Pack of
FIX624	20

Universal

Black Bonnet Rod Clips
W x D x H: 13 x 14.5 x 24 mm

Part No.	Pack of
FIX335	20

Fiat 46789809

Natural Bonnet Rod Clips
W x D x H: 15.5 x 15.5 x 24 mm

Part No.	Pack of
FIX477	20

Toyota 9095901136

Natural Brake Pipe
& Petrol Pipe Clips
Pipes Ø: 4 & 8 mm
Hole Ø 6

Part No.	Pack of
FIX69	50

Ford 6482170

White Pipe/Cable Clips
Pipe Ø: 4.8 (x 2) mm
Hole Ø 8

Part No.	Pack of
FIX76	50

White Pipe/Cable Clips
Pipe Ø: 6.4 (x 2) mm
Hole Ø 8

Part No.	Pack of
FIX77	50

White Pipe/Cable Clips
Pipe Ø: 7.9 (x 2) mm
Hole Ø 8

Part No.	Pack of
FIX78	50

White Bonnet Rod Clips
W x D x H: 22 x 14 x 21 mm

Part No.	Pack of
FIX361	20

PSA 9605204680

Black Hole Plugs
Ø x H: 16.7 x 16 mm

Part No.	Pack of
FIX1013	50
Universal	

Black Hole Plugs
Ø x H: 24.8 x 17 mm

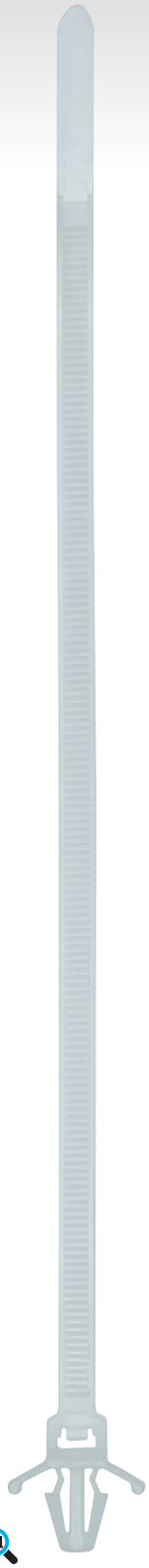
Part No.	Pack of
FIX1421	50
Universal	

Black Hole Plugs
Ø x H: 34.8 x 17 mm

Part No.	Pack of
FIX2230	50
Universal	

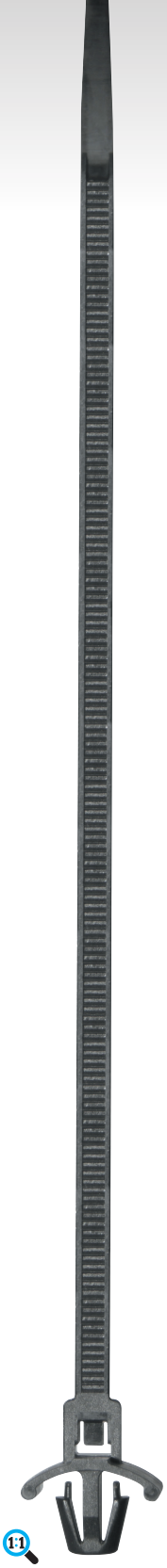
Black. Cable Harness Clips
W x H x D:: 30 x 43 x 20 mm

Part No.	Pack of
FIX60	50



White Panel Fixing Cable Ties
Tie W x L: 4.5 x 200 mm

Part No.	Pack of
FIX859	20



Black Panel Fixing Cable Ties
Width x Length 4.6 x 215 mm

Part No.	Pack of
ECT23	100

Black Panel Fixing Cable Ties
Width x Length: 5.0 x 170 mm

Part No.	Pack of
ECT25	100

Plastic Rivets

Black plastic.

Black Standard Flange Plastic Rivets
Head Ø x Length: 5 x 22 mm

Part No.	Pack of
FIX209	50
Chrysler 6500898	

Black Standard Flange Plastic Rivets
Head Ø x Length: 6 x 25 mm

Part No.	Pack of
FIX210	50
Chrysler 25524005 / 6501559 / 6506007AA **Ford** N803862S **GM** 10184895	

Black Large Flange Plastic Rivets
Head Ø x Length: 6 x 25 mm

Part No.	Pack of
FIX211	50
Chrysler 6503860 **Ford** N8030433 / N803043S / N804675S **GM** 10036503 / 14063981 / 6500911	

Black Large Flange Plastic Rivets
Head Ø x Length: 7 x 17.5 mm

Part No.	Pack of
FIX212	20

Black Large Flange Plastic Rivets
Head Ø x Length: 6 x 19 mm

Part No.	Pack of
FIX213	50
BMW 51717002953	

Aluminium Trim Clip Rivets
Ø: 2.4 mm

Part No.	Pack of
FIX70	50
Ford 6028434 **GM** 164361 / 90033713	

Aluminium/Black Plastic Flange Body Trim Rivets
Head Ø: 4 mm

Part No.	Pack of
FIX206	50
Volvo 979878	

Aluminium/Black Body Trim Rivets
Ø x Length : 4.0 x 19 mm

Part No.	Pack of
FIX901	50
VW N90346302 **Suits VAG E-Up**	

Aluminium/Black Plastic Cover Body Trim Rivets
Head Ø: 6 mm

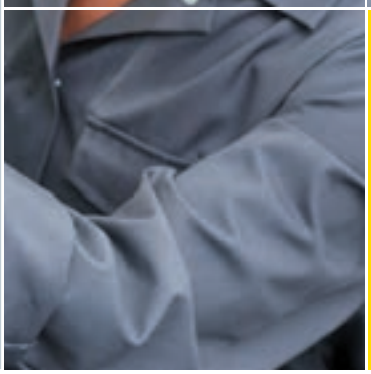
Part No.	Pack of
FIX207	50
Ford 1041415 / W704439S / W709095S33	

Black Rivet
Plastic Ø x Rivet L: 14 x 30 mm

Part No.	Pack of
FIX712	10
PSA 6973A4	

Trim Clips by OEM Ref

191 Audi • VW • Seat • Škoda
193 BMW
194 Chrysler • Jeep • Dodge
195 PSA (Citroën • Peugeot)
195 Fiat • Alfa Romeo
195 Iveco • Lancia
196 Ford
197 Honda • Acura
198 Hyundai • Kia
198 Isuzu
198 Land Rover
199 Mazda
199 Mercedes-Benz
200 Mitsubishi
200 Nissan • Infiniti • Datsun
201 Renault
201 Subaru
201 Suzuki
202 Tesla
202 Toyota • Lexus
203 Vauxhall • Opel • GM
204 Volvo
204 Universal Fixings



OEM Reference by Vehicle Marques

If you know the manufacturer's OEM reference of the trim clip you are looking for then simply look it up here in our listing by vehicle marque.

All sizes are in millimetres (mm) unless stated otherwise.

Manufacturers OEM References provided for information and guidance only. E. & O. E.

Audi • VW Seat • Škoda

37853575
FIX888 Pack of 20
Ø x H: 18 x 22

109746421
FIX358 Pack of 20
Ø x H 13 x 18 mm

109746422
FIX350 Pack of 20
Ø x H: 13 x 19

113853586
FIX323 Pack of 20
W x D x H: 39 x 22 x 18.5

113853615
FIX6 Pack of 50
Ø x H: 5 x 12

155809966
FIX524 Pack of 50
Ø x H: 9 x 9.5

171837199
FIX140 Pack of 50
Ø x H: 9 x 11

Audi • VW Seat • Škoda

171885767
FIX99 Pack of 50
Ø x S: 18 x 17

191941142
FIX421 Pack of 20
W x D x H: 18.5 x 14 x 15

251823717
FIX61 Pack of 50
W x D x H: 13 x 5 x 11

357827998
FIX137 Pack of 20
Ø x H: 16 x 21

357868143
FIX138 Pack of 50
Ø x H: 16 x 25

701805163
FIX401 Pack of 20
W x D x H: 17 x 14 x 7

701863841
FIX434 Pack of 20
Ø x H: 24.5 x 18.5

Audi • VW Seat • Škoda

703867299
FIX274 Pack of 50
Ø x H: 18 x 21

823867299
FIX47 Pack of 50
Ø x H: 18 x 21

867809966
FIX71 Pack of 50
Ø x H: 12 x 14

893867290
FIX80 Pack of 50
Ø x H: 18 x 21

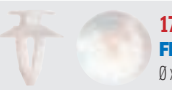
801867299041
FIX46 Pack of 50
Ø x H: 14 x 19

113853585C
FIX63 Pack of 50
W x D x S: 18 x 6 x 5

16186729901C
FIX100 Pack of 50
Ø x S: 16 x 11

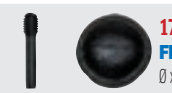
Audi • VW Seat • Škoda

16186729901C
FIX39 Pack of 50
Ø x S: 16 x 13



171867299B
FIX80 Pack of 50
Ø x H: 18 x 21

171867299B
FIX846 Pack of 20
Ø x H: 16.5 x 19



175837187989
FIX436 Pack of 10
Ø x H: 8.5 x 45.5

191853577A
FIX452 Pack of 20
W x D x H: 15 x 12 x 19

191853733A
FIX186 Pack of 20
W x D x H: 31 x 8.5 x 5

1H0819055B01C
FIX239 Pack of 50
Ø x H: 23 x 19

Audi • VW • Seat • Škoda

1H0819055B01C
FIX892 Pack of 20
Ø x H: 23 x 16

1H0819055C01C
FIX798 Pack of 20
Ø x S: 23 x 16

1H0823717
FIX79 Pack of 50
W x D x H: 17 x 5.5 x 5

1H0837111AB41
FIX490 Pack of 20
W x D x H: 22 x 10.5

1H0837719
FIX185 Pack of 20
W x D x H: 15 x 6 x 18

1H0853585
FIX321 Pack of 10
W x D x H: 33 x 38 x 19

1H0853585
FIX84 Pack of 20
W x D x H: 35 x 39 x 15

1H0853585A
FIX323 Pack of 20
W x D x H: 39 x 22 x 18.5

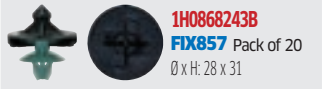
1H0853585A
FIX86 Pack of 20
W x D x H: 41 x 23 x 15

1H0853585B
FIX85 Pack of 20
W x D x H: 35 x 39 x 21

1H0853586
FIX87 Pack of 50
Ø x H: 13 x 12

1H0853733B
FIX187 Pack of 20
W x D x H: 32 x 10.5 x 6

1H0868243A
FIX82 Pack of 20
Ø x H: 28 x 32


1H0868243B
FIX857 Pack of 20
Ø x H: 28 x 31

1J6867276
FIX630 Pack of 20
W x D x H: 15.5 x 9 x 25

1L0853934
FIX97 Pack of 50
Ø x S: 10 x 12

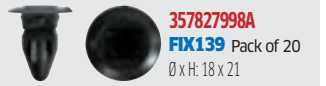
1L0853934
FIX515 Pack of 50
Ø x S: 10 x 12

1M0854541A
FIX607 Pack of 20
W x D x H: 16 x 16 x 10

1M0854719A
FIX608 Pack of 20
W x D x H: 13 x 15 x 13.5

2730ASCTS1B
FIX529 Pack of 50
Ø x H: 18 x 17

321813998A
FIX73 Pack of 50
Ø x H: 16 x 20


357827998A
FIX139 Pack of 20
Ø x H: 18 x 21

3A0853575A
FIX456 Pack of 20
W x D x H: 20 x 20 x 9

3AA868243A
FIX916 Pack of 20
Ø x H: 21 x 27.5 mm

3B0838243
FIX83 Pack of 20
Ø x H: 22 x 22

3B0839723
FIX613 Pack of 20
W x D x H: 11 x 5 x 10.5

3B0853576
FIX418 Pack of 20
W x D x H: 25 x 27 x 18

3B0867334
FIX903 Pack of 50
Ø x H: 14 x 12 mm

3B0868243
FIX83 Pack of 20
Ø x H: 22 x 22

3C0853586
FIX400 Pack of 20
W x D x H: 18 x 16 x 21

3C0863559
FIX244 Pack of 50
Ø x H: 26.5 x 32

3CN868243
FIX915 Pack of 20
Ø x H: 21 x 23 mm

4A0805121A
FIX198 Pack of 20
Ø x H: 25 x 26

4A0805121C
FIX197 Pack of 20
Ø x H: 25 x 27

4A0805960
FIX199 Pack of 10
W x L x R: 25 x 24 x 12

4A0853825A
FIX474 Pack of 20
W x D x H: 35 x 22 x 4

4A0853825C
FIX468 Pack of 20
W x D x H: 35 x 27 x 11

4A0853825D
FIX456 Pack of 20
W x D x H: 20 x 20 x 9

4A0853825E
FIX457 Pack of 10
W x D x H: 23.5 x 20 x 15.5

4D0853825C
FIX478 Pack of 10
W x D x H: 38 x 34 x 15

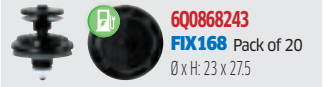
4L0886373
FIX902 Pack of 20
W x D x H: 40 x 28 x 39 mm

5J0867276
FIX893 Pack of 50
Ø x H: 18 x 16.5 mm

6N0807199
FIX716 Pack of 20
Ø x H: 19 x 24

6N0809966A
FIX71 Pack of 50
Ø x H: 12 x 14

6Q0853147
FIX614 Pack of 20
W x D x H: 16 x 14 x 20.5

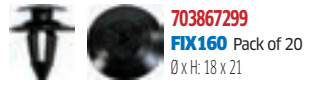

6Q0868243
FIX168 Pack of 20
Ø x H: 23 x 27.5

6U0853733
FIX186 Pack of 20
W x D x H: 31 x 8.5 x 5

6X0867301B
FIX650 Pack of 10
W x D x H: 35 x 21 x 20

70186729901C
FIX793 Pack of 20
Ø x S: 18 x 12

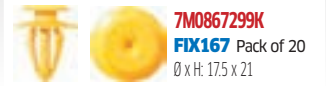
701941141A
FIX422 Pack of 10
W x D x H: 30 x 23 x 19.5


703867299
FIX160 Pack of 20
Ø x H: 18 x 21

7603ASCH
FIX186 Pack of 20
W x D x H: 31 x 8.5 x 5

7L0839069
FIX494 Pack of 20
W x D x H: 28.5 x 10 x 12.5

7M0867299K
FIX831 Pack of 20
Ø x H: 17 x 20


7M0867299K
FIX167 Pack of 20
Ø x H: 17.5 x 21

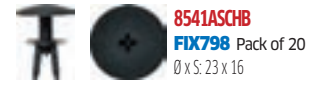
80186729901C
FIX46 Pack of 50
Ø x H: 14 x 19

811807577C
FIX134 Pack of 50
W x D x H: 12 x 7 x 12

811863905A
FIX58 Pack of 50
Ø x H: 19 x 26

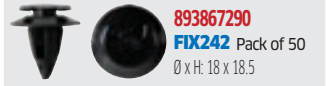
82386320301C
FIX30 Pack of 50
Ø x H: 17 x 15

8541ASCH
FIX187 Pack of 20
W x D x H: 32 x 10.5 x 6


8541ASCHB
FIX798 Pack of 20
Ø x S: 23 x 16

867863849A01C
FIX325 Pack of 20
W x D x H: 23 x 29 x 15

893867290
FIX528 Pack of 50
Ø x H: 18 x 21


893867290
FIX242 Pack of 50
Ø x H: 18 x 18.5

8D0805121
FIX184 Pack of 50
Ø: 31

8D0805121
FIX195 Pack of 10
Ø x H: 18 x 22

8D0805960
FIX200 Pack of 10
W x L x R: 25 x 24 x 11

8D0853909B
FIX475 Pack of 20
W x D x H: 33.5 x 13 x 6.5

8E0825265C
FIX147 Pack of 50
Ø x H: 16 x 11

8E0825267
FIX751 Pack of 20
Ø x S: 20 x 21

8E0868243
FIX169 Pack of 20
Ø x H: 27 x 30

8E9867299
FIX252 Pack of 50
Ø X H: 18.5 x 18

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8L0807300
FIX177 Pack of 20
Ø x S: 20 x 24

8N0951257
FIX446 Pack of 10
W x D x H: 30.5 x 24 x 15.5

8V0868243
FIX917 Pack of 20
W x D x H: 25 x 25 x 12 mm

8V0868243B
FIX917 Pack of 20
W x D x H: 25 x 25 x 12 mm

HNA5373BA
FIX32 Pack of 20
Ø x H: 18 x 30

N0385012
FIX97 Pack of 50
Ø x S: 10 x 12

N0385012
FIX515 Pack of 50
Ø x S: 10 x 12

N038549101C
FIX100 Pack of 50
Ø x S: 16 x 11

N038549101C
FIX517 Pack of 50
Ø x S: 16 x 13

N038549101C
FIX39 Pack of 50
Ø x S: 16 x 13

N0385494
FIX39 Pack of 50
Ø x S: 16 x 13

N0385494
FIX517 Pack of 50
Ø x S: 16 x 13

N0385501
FIX98 Pack of 20
Ø x S: 12.5 x 12

N10219501
FIX103 Pack of 50
Ø x S: 16 x 11

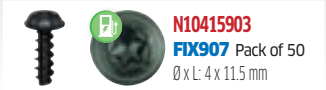
N10219502
FIX103 Pack of 50
Ø x S: 16 x 11

N10259301
FIX97 Pack of 50
Ø x S: 10 x 12

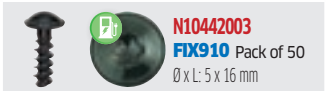
N10259301
FIX515 Pack of 50
Ø x S: 10 x 12

N10327102
FIX912 Pack of 50
W x D x H: 14.5 x 13.5 x 9 mm

Audi • VW Seat • Škoda



N10415903
FIX907 Pack of 50
Ø x L: 4 x 11.5 mm



N10442003
FIX910 Pack of 50
Ø x L: 5 x 16 mm

N10516801
FIX193 Pack of 50
Ø x H: 16 x 17.5

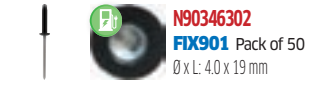
N10569501
FIX906 Pack of 50
Size x L: M5 x 16

N16186729901C
FIX100 Pack of 50
Ø x S: 16 x 11

N90201601H
FIX703 Pack of 20
Ø x H: 19 x 21.5

N90335004
FIX184 Pack of 50
Ø: 31

N90335006
FIX184 Pack of 50
Ø: 31

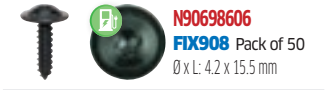


N90346302
FIX901 Pack of 50
Ø x L: 4.0 x 19 mm

N90359101
FIX109 Pack of 50
Ø x S: 15 x 20

N90536901
FIX780 Pack of 20
W x D x S: 12.5 x 10 x 10

N90648702
FIX714 Pack of 20
Ø x H: 15 x 21



N90698606
FIX908 Pack of 50
Ø x L: 4.2 x 15.5 mm

N90757901
FIX905 Pack of 50
Ø x H: 22 x 11 mm

N90775001
FIX716 Pack of 20
Ø x H: 19 x 24

N90796501
FIX183 Pack of 50
Ø: 31

N90796501
FIX638 Pack of 5
Ø x H: 14 x 21

N90821401
FIX136 Pack of 50
Ø x H: 15 x 21.5

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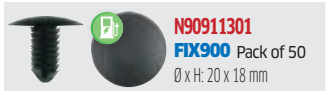
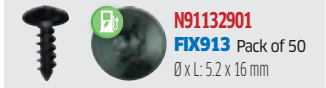
N90833801
FIX135 Pack of 50
Ø x H: 15 x 14



N90911301
FIX900 Pack of 50
Ø x H: 20 x 18 mm

N90918701
FIX909 Pack of 50
Ø x L: 4 x 12 mm



N91132901
FIX913 Pack of 50
Ø x L: 5.2 x 16 mm

N989022
FIX21 Pack of 50
Ø x H: 24 x 18

-
FIX703 Pack of 20
Ø x H: 19 x 21.5

-
FIX411 Pack of 20
Ø x H: 16 x 5

-
FIX30 Pack of 50
Ø x H: 17 x 15

-
FIX722 Pack of 20
W x L x R: 16 x 24 x 12

-
FIX720 Pack of 20
Ø x H: 15.5 x 28

W706635SSW
FIX244 Pack of 50
Ø x H: 26.5 x 32

W709167SSZUAM
FIX244 Pack of 50
Ø x H: 26.5 x 32

WHT003954
FIX914 Pack of 50
Ø x L: 5.2 x 16 mm

WHT005263
FIX904 Pack of 50
W x D x S: 25 x 18 x 9 mm

WHT005560
FIX911 Pack of 50
W x D x H: 21.5 x 20 x 7 mm

BMW

1916670
FIX100 Pack of 50
Ø x S: 16 x 11

8262533
FIX404 Pack of 20
Ø x H: 21 x 30.5

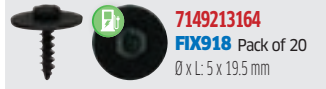
7131480418
FIX920 Pack of 50
W x D x H: 24 x 21 x 16 mm

7132757821
FIX920 Pack of 50
W x D x H: 24 x 21 x 16 mm

07147074343
FIX866 Pack of 20
Ø x H: 18 x 32

07147122912
FIX484 Pack of 20
Ø x H: 30 x 33

07147212877
FIX453 Pack of 20
W x L x R: 18.5 x 28 x 10

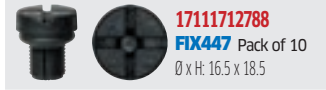


7149213164
FIX918 Pack of 20
Ø x L: 5 x 19.5 mm

11121726089
FIX455 Pack of 10
W x D x H: 28 x 32 x 14

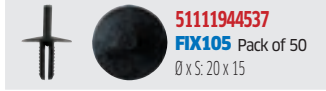
11127531561
FIX638 Pack of 5
Ø x H: 14 x 21

16131176747
FIX147 Pack of 50
Ø x H: 16 x 11



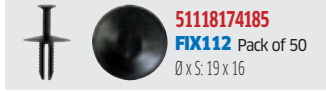
17111712788
FIX447 Pack of 10
Ø x H: 16.5 x 18.5

51111908077
FIX107 Pack of 50
Ø x S: 15 x 15

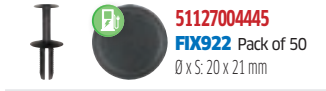


51111944537
FIX105 Pack of 50
Ø x S: 20 x 15

51111964186
FIX109 Pack of 50
Ø x S: 15 x 20



51118174185
FIX112 Pack of 50
Ø x S: 19 x 16



51127004445
FIX922 Pack of 50
Ø x S: 20 x 21 mm

51127046911
FIX191 Pack of 20
Ø x H: 14.3 x 16

BMW

51131885399
FIX124 Pack of 20
W x D x S: 15 x 8 x 15

51131924953
FIX419 Pack of 10
W x D x H: 20 x 8 x 11.5

51131946258
FIX416 Pack of 20
W x D x H: 20 x 13 x 17

51137003738
FIX616 Pack of 10
W x D x H: 43 x 15 x 12

51137157702
FIX617 Pack of 10
W x D x H: 20 x 40 x 8.5

51137217789
FIX618 Pack of 10
W x D x H: 40.5 x 11 x 8.5

51161881149
FIX97 Pack of 50
Ø x S: 10 x 12

51218205295
FIX778 Pack of 20
Ø x S: 20 x 18

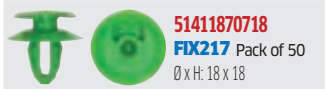
51313401691
FIX619 Pack of 10
W x D x H: 40 x 14 x 8

51317064098
FIX618 Pack of 10
W x D x H: 40.5 x 11 x 8.5

51337052945
FIX391 Pack of 20
W x D x H: 25 x 14 x 16

51338218383
FIX632 Pack of 20
W x D x H: 38 x 24 x 16.5

51338254781
FIX497 Pack of 10
W x D x H: 41.5 x 23.5 x 16


51411870718
FIX217 Pack of 50
Ø x H: 18 x 18

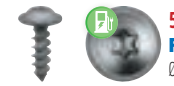
51411885961
FIX80 Pack of 50
Ø x H: 18 x 21

51411973500
FIX528 Pack of 50
Ø x H: 18 x 21

51417025609
FIX453 Pack of 20
W x L x R: 18.5 x 28 x 10

51417046415
FIX919 Pack of 50
Ø x H: 18 x 19 mm

BMW


51417067920
FIX921 Pack of 50
Ø x L: 5 x 16 mm

51417325082
FIX923 Pack of 20
Ø x H: 17 x 22 mm

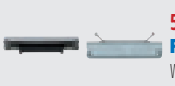
51418215806
FIX481 Pack of 20
W x D x H: 17 x 15 x 11

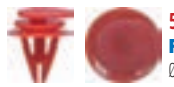
51418224768
FIX272 Pack of 50
Ø x H: 18 x 20

51471840961
FIX439 Pack of 20
W x D x H: 15 x 14 x 22

51471911992
FIX114 Pack of 50
Ø x S: 20 x 14

51478262533
FIX404 Pack of 20
Ø x H: 21 x 30.5


51513448374
FIX619 Pack of 10
W x D x H: 40 x 14 x 8


51711916199
FIX878 Pack of 20
Ø x H: 23 x 26

51711928946
FIX415 Pack of 20
W x D x H: 10 x 12 x 17

51711945568
FIX445 Pack of 10
W x D x H: 56 x 18.5 x 22.5

51711958025
FIX146 Pack of 50
Ø x H: 24 x 10.5

51717002953
FIX213 Pack of 50
Ø x L: 6 x 19. F Ø: 19.7

51717006757
FIX602 Pack of 20
W x D x H: 36 x 14 x 12.5

51717066229
FIX485 Pack of 20
Ø x H: 20 x 36

52201964201
FIX503 Pack of 50
Ø x H: 18 x 31

63121387026
FIX423 Pack of 10
Ø x H: 19 x 28.5

63171367868
FIX890 Pack of 20
W x D x H: 10 x 10 x 15

BMW

71111179445
FIX640 Pack of 10
W x D x H: 25 x 25 x 17

1916670
FIX517 Pack of 50
Ø x S: 16 x 13

1916670
FIX39 Pack of 50
Ø x S: 16 x 13

51111908077
FIX111 Pack of 50
Ø x S: 15 x 15

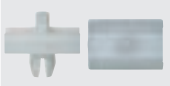
51118174185
FIX513 Pack of 50
Ø x S: 19 x 14

51161881149
FIX515 Pack of 50
Ø x S: 10 x 12

51411885961
FIX528 Pack of 50
Ø x H: 18 x 21

51418224768
FIX528 Pack of 50
Ø x H: 18 x 21

51471911992
FIX506 Pack of 50
Ø x S: 20 x 14


51711958025
FIX416 Pack of 20
W x D x H: 20 x 13 x 17

52201964201
FIX503 Pack of 50
Ø x H: 18 x 31

52201964201
FIX29 Pack of 50
Ø x H: 18 x 28

Sunroof Clip
FIX791 Pack of 10
W x D x H: 17 x 19 x 10

Manufacturers OEM References provided for information and guidance only. E. & O. E.

Chrysler • Jeep • Dodge

1595864
FIX262 Pack of 50
Ø x H: 19 x 18

1605396
FIX262 Pack of 50
Ø x H: 19 x 18

3691590
FIX500 Pack of 50
Ø x H: 18 x 17.8

6003349
FIX21 Pack of 50
Ø x H: 24 x 18

6030441
FIX262 Pack of 50
Ø x H: 19 x 18

6033082
FIX29 Pack of 50
Ø x H: 18 x 28

6500898
FIX209 Pack of 50
Ø x L: 5 x 22. F Ø: 11.9

6501559
FIX210 Pack of 50
Ø x L: 6 x 25. F Ø: 12.9

6501916
FIX244 Pack of 50
Ø x H: 26.5 x 32

6502871
FIX121 Pack of 50
Ø x S: 15.5 x 23

6503163
FIX120 Pack of 50
Ø x S: 15 x 19

6503598
FIX751 Pack of 20
Ø x S: 20 x 21

6503860
FIX211 Pack of 50
Ø x L: 6 x 25. F Ø: 16.9

6504521
FIX238 Pack of 20
Ø x S: 18 x 23

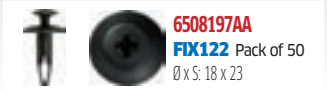
10139822
FIX122 Pack of 50
Ø x S: 18 x 23

25524005
FIX210 Pack of 50
Ø x L: 6 x 25. F Ø: 12.9

10139822
FIX236 Pack of 20
Ø x S: 16 x 18

6506007AA
FIX210 Pack of 50
Ø x L: 6 x 25. F Ø: 12.9

Chrysler • Jeep • Dodge



6508197AA
FIX122 Pack of 50
Ø x S: 18 x 23

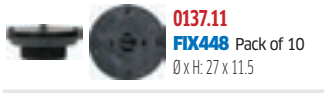
6508197AA
FIX236 Pack of 20
Ø x S: 16 x 18

6508863AA
FIX891 Pack of 20
Ø x S: 18 x 17.5

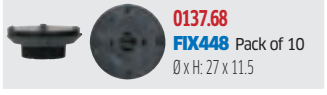
6682401G00
FIX760 Pack of 20
Ø x S: 13 x 8

MR200300
FIX257 Pack of 50
Ø x S: 18 x 13

PSA (Citroën • Peugeot)

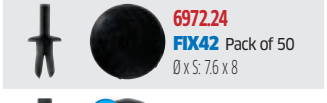


0137.11
FIX448 Pack of 10
Ø x H: 27 x 11.5

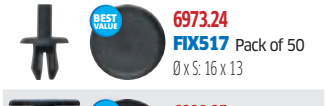


0137.68
FIX448 Pack of 10
Ø x H: 27 x 11.5

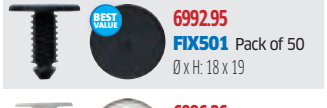
2128.22
FIX387 Pack of 20
W x D x H: 19 x 13.5 x 20



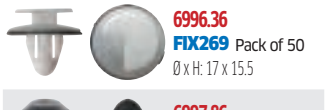
6972.24
FIX42 Pack of 50
Ø x S: 7.6 x 8



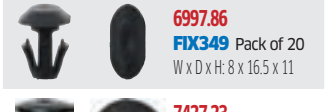
6973.24
FIX517 Pack of 50
Ø x S: 16 x 13



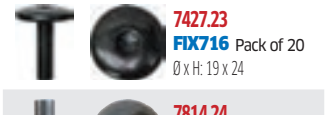
6992.95
FIX501 Pack of 50
Ø x H: 18 x 19



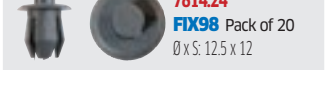
6996.36
FIX269 Pack of 50
Ø x H: 17 x 15.5



6997.86
FIX349 Pack of 20
W x D x H: 8 x 16.5 x 11



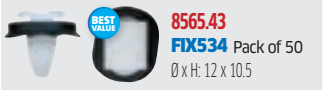
7427.23
FIX716 Pack of 20
Ø x H: 19 x 24



7814.24
FIX98 Pack of 20
Ø x S: 12.5 x 12

PSA (Citroën • Peugeot)

8565.40
FIX166 Pack of 50
Ø x H: 20 x 16

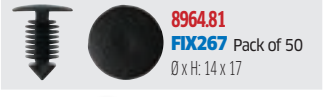


8565.43
FIX534 Pack of 50
Ø x H: 12 x 10.5

8565.48
FIX266 Pack of 50
Ø x H: 18.5 x 17

8565.53
FIX273 Pack of 50
Ø x H: 20 x 20

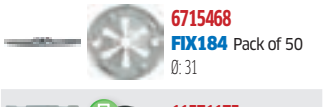
8964.57
FIX267 Pack of 50
Ø x H: 14 x 17



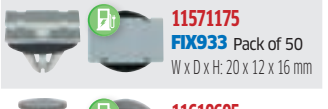
8964.81
FIX267 Pack of 50
Ø x H: 14 x 17

2073050
FIX932 Pack of 50
Ø x H: 17 x 20 mm

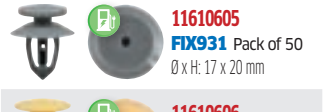
2345417
FIX931 Pack of 50
Ø x H: 17 x 20 mm



6715468
FIX184 Pack of 50
Ø: 31



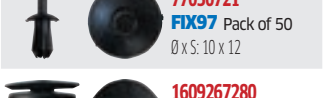
11571175
FIX933 Pack of 50
W x D x H: 20 x 12 x 16 mm



11610605
FIX931 Pack of 50
Ø x H: 17 x 20 mm

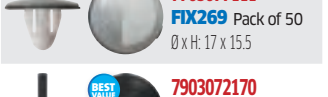
11610606
FIX932 Pack of 50
Ø x H: 17 x 20 mm

11612035
FIX930 Pack of 50
Ø x S: 20 x 12 mm

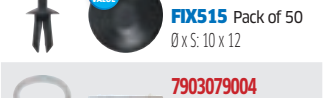


77030721
FIX97 Pack of 50
Ø x S: 10 x 12

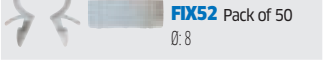
1609267280
FIX273 Pack of 50
Ø x H: 20 x 20



7703077111
FIX269 Pack of 50
Ø x H: 17 x 15.5



7903072170
FIX515 Pack of 50
Ø x S: 10 x 12



7903079004
FIX52 Pack of 50
Ø: 8

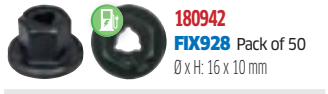
PSA (Citroën • Peugeot)

9608351380
FIX42 Pack of 50
Ø x S: 7.6 x 8

9619769080
FIX349 Pack of 20
W x D x H: 8 x 16.5 x 11

9629547080
FIX6 Pack of 50
Ø x H: 5 x 12

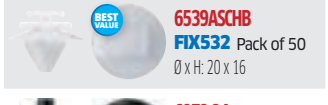
1222141
FIX929 Pack of 50
W x D x H: 28 x 17 x 16.5 mm



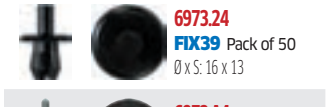
180942
FIX928 Pack of 50
Ø x H: 16 x 10 mm

24405740
FIX929 Pack of 50
W x D x H: 28 x 17 x 16.5 mm

6539ASCHB
FIX166 Pack of 50
Ø x H: 20 x 16



6539ASCHB
FIX532 Pack of 50
Ø x H: 20 x 16



6973.24
FIX39 Pack of 50
Ø x S: 16 x 13

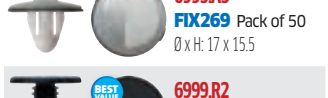
6973.A4
FIX712 Pack of 10
Ø x H: 20 x 68

6991.S6
FIX252 Pack of 50
Ø X H: 18.5 x 18

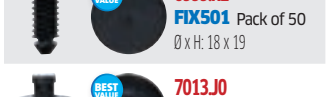
6991.S6
FIX529 Pack of 50
Ø x H: 18 x 17

6991.W4
FIX888 Pack of 20
Ø x H: 18 x 22

6992.G2
FIX524 Pack of 50
Ø x H: 9 x 9.5



6995.A3
FIX269 Pack of 50
Ø x H: 17 x 15.5



6999.R2
FIX501 Pack of 50
Ø x H: 18 x 19

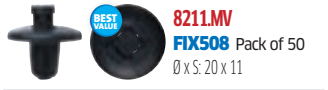
7013.J0
FIX508 Pack of 50
Ø x S: 20 x 11

7518.C0
FIX500 Pack of 50
Ø x H: 18 x 17.8

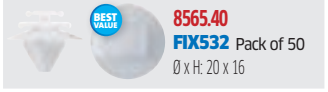
PSA (Citroën • Peugeot)

7518.N8
FIX164 Pack of 50
Ø x H: 35 x 25

7840.L6
FIX353 Pack of 20
W x D x H: 18.5 x 24.5 x 17.5



8211.MV
FIX508 Pack of 50
Ø x S: 20 x 11



8565.40
FIX532 Pack of 50
Ø x H: 20 x 16

8E9867299
FIX252 Pack of 50
Ø X H: 18.5 x 18

90413589
FIX928 Pack of 50
Ø x H: 16 x 10 mm

96260084ZG
FIX690 Pack of 20
Ø x H: 20 x 16

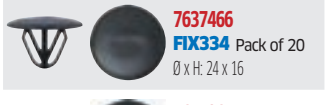
-
FIX438 Pack of 20
W x D x H: 22 x 15 x 17

Fiat • Alfa Romeo Iveco • Lancia

4234280
FIX6 Pack of 50
Ø x H: 5 x 12

4267172
FIX333 Pack of 20
Ø x H: 20 x 14.5

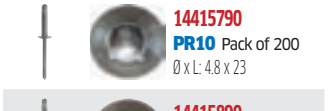
7560860
FIX333 Pack of 20
Ø x H: 20 x 14.5



7637466
FIX334 Pack of 20
Ø x H: 24 x 16

7677865
FIX380 Pack of 20
Ø x H: 14 x 11

14115980
FIX524 Pack of 50
Ø x H: 9 x 9.5



14415790
PR10 Pack of 200
Ø x L: 4.8 x 23

14415890
PR12 Pack of 200
Ø x L: 4.8 x 27

Fiat • Alfa Romeo Iveco • Lancia

14569680
FIX52 Pack of 50
Ø: 8

46461781
FIX446 Pack of 10
W x D x H: 30.5 x 24 x 15.5

46789809
FIX335 Pack of 20
W x D x H: 13 x 14.5 x 24

51701542
FIX696 Pack of 20
Ø x H: 18 x 22

71728806
FIX534 Pack of 50
Ø x H: 12 x 10.5

71737918
FIX532 Pack of 50
Ø x H: 20 x 16

71741883
FIX258 Pack of 50
Ø x S: 20 x 10

82491303
FIX375 Pack of 20
Ø x H: 18.5 x 22

500326189
FIX165 Pack of 20
Ø x H: 18.5 x 21

500326896
FIX533 Pack of 50
Ø x H: 20 x 17

1301019808
FIX505 Pack of 50
Ø x H: 21 x 23

9408565488
FIX266 Pack of 50
Ø x H: 18.5 x 17

-
FIX743 Pack of 20
W x D x H: 12 x 12 x 9

Ford

332364
FIX500 Pack of 50
Ø x H: 18 x 17.8

385661
FIX21 Pack of 50
Ø x H: 24 x 18

1007902
FIX74 Pack of 50
Ø x H: 22 x 21

1007932
FIX122 Pack of 50
Ø x S: 18 x 23

1008068
FIX167 Pack of 20
Ø x H: 17.5 x 21

1008086
FIX527 Pack of 50
Ø x H: 17 x 18

1009164
FIX103 Pack of 50
Ø x S: 16 x 11

1018433
FIX36 Pack of 50
Ø x H: 18 x 17

1018434
FIX36 Pack of 50
Ø x H: 18 x 17

1039463
FIX751 Pack of 20
Ø x S: 20 x 21

1041415
FIX207 Pack of 50
Head Ø: 6. F Ø: 15.8

1042065
FIX331 Pack of 20
Ø x H: 6 x 13

1065204
FIX185 Pack of 20
W x D x H: 15 x 6 x 18

1070107
FIX48 Pack of 50
Ø x H: 18 x 20

1416795
FIX23 Pack of 50
W x H: 9.5 x 8

1480335
FIX390 Pack of 20
Ø x H: 18 x 15

1629279
FIX35 Pack of 50
Ø x H: 18 x 17

1659672
FIX74 Pack of 50
Ø x H: 22 x 21

Ford

1673046
FIX122 Pack of 50
Ø x S: 18 x 23

4855809
FIX891 Pack of 20
Ø x S: 18 x 17.5

6028434
FIX70 Pack of 50
Ø: 1/8"

6117693
FIX841 Pack of 20
Ø x H: 18 x 17.5

6176723
FIX165 Pack of 20
Ø x H: 18.5 x 21

6448410
FIX245 Pack of 50
Ø x H: 25 x 14

6482170
FIX69 Pack of 50
Pipes Ø: 4 & 8

6678518
FIX245 Pack of 50
Ø x H: 25 x 14

6725950
FIX35 Pack of 50
Ø x H: 18 x 17

7000412
PR12 Pack of 200
Ø x L: 4.8 x 27

7200671
FIX98 Pack of 20
Ø x S: 12.5 x 12

9032112
FIX810 Pack of 20
Ø x H: 12 x 16

1008068
FIX831 Pack of 20
Ø x H: 17 x 20

1008086
FIX167 Pack of 20
Ø x H: 17.5 x 21

2T14V35312AB
FIX237 Pack of 20
W x D x H: 20 x 15 x 17

389358
FIX500 Pack of 50
Ø x H: 18 x 17.8

390018S
FIX29 Pack of 50
Ø x H: 18 x 28

390018S
FIX503 Pack of 50
Ø x H: 18 x 31

Ford

6117693
FIX37 Pack of 50
Ø x H: 20 x 19

6715468
FIX183 Pack of 50
Ø: 31

96SG16K262
FIX236 Pack of 20
Ø x S: 16 x 18

96SG16K262
FIX518 Pack of 50
Ø x S: 15 x 21

A310A46-AA
FIX831 Pack of 20
Ø x H: 17 x 20

E844052S
FIX100 Pack of 50
Ø x S: 16 x 11

E844052S
FIX517 Pack of 50
Ø x S: 16 x 13

E844052S
FIX39 Pack of 50
Ø x S: 16 x 13

E865220S
FIX841 Pack of 20
Ø x H: 18 x 17.5

E866241SS2M
FIX756 Pack of 20
Ø x S: 24 x 30

FCP-0180
FIX384 Pack of 20
W x D x H: 20.5 x 12 x 22

MB-455-56143
FIX796 Pack of 20
Ø x S: 18 x 13

MB-455-56143
FIX232 Pack of 20
Ø x S: 18 x 13

MB25556143
FIX233 Pack of 20
Ø x S: 19 x 11

N803043-S
FIX211 Pack of 50
Ø x L: 6 x 25. F Ø: 16.9

N8030433
FIX211 Pack of 50
Ø x L: 6 x 25. F Ø: 16.9

N803862-S
FIX210 Pack of 50
Ø x L: 6 x 25. F Ø: 12.9

N803946-S
FIX121 Pack of 50
Ø x S: 15.5 x 23

Ford

N804675-S
FIX211 Pack of 50
Ø x L: 6 x 25. F Ø: 16.9

N807389-S
FIX751 Pack of 20
Ø x S: 20 x 21

-
FIX355 Pack of 20
Ø x H: 10 x 18

-
FIX356 Pack of 20
Ø x H: 10 x 18

-
FIX733 Pack of 20
Thread: M5 x 20

-
FIX32 Pack of 20
Ø x H: 18 x 30

V703505-S-301
FIX184 Pack of 50
Ø: 31

W700671
FIX245 Pack of 50
Ø x H: 25 x 14

W700673
FIX690 Pack of 20
Ø x H: 20 x 16

W7029851042065
FIX331 Pack of 20
Ø x H: 6 x 13

W703915SSYYB6
FIX236 Pack of 20
Ø x S: 16 x 18

W703915SSYYB6
FIX518 Pack of 50
Ø x S: 15 x 21

W704439S
FIX207 Pack of 50
Head Ø: 6. F Ø: 15.8

W706264-S300
FIX120 Pack of 50
Ø x S: 15 x 19

W709095S33
FIX207 Pack of 50
Head Ø: 6. F Ø: 15.8

Honda • Acura

1560S-6A003
FIX513 Pack of 50
Ø x S: 19 x 14

71592-S5D-000
FIX328 Pack of 10
W x D x H: 23.5 x 19.5 x 34.5

71592-S6A-000
FIX328 Pack of 10
W x D x H: 23.5 x 19.5 x 34.5

72311-S5S-003
FIX320 Pack of 20
W x D x H: 15 x 9.5 x 15

75305-S0A-003
FIX476 Pack of 20
W x D x H: 18 x 13 x 13

75306-SDA-A01
FIX633 Pack of 20
W x D x H: 27 x 21 x 18

90107-S10-003
FIX605 Pack of 20
Ø x H: 16 x 16

90114-SE0-000
FIX726 Pack of 20
Ø x H: 16 x 24

90126-SR4-000
FIX734 Pack of 20
Ø x H: 16 x 18.5

90467-SA6-003
FIX31 Pack of 50
Ø x S: 15 x 13

90467-SA6-003
FIX522 Pack of 50
Ø x S: 15 x 13

90505-SM4-003
FIX359 Pack of 20
Ø x S: 18 x 22

90602-S5A-003
FIX851 Pack of 20
Ø x H: 18 x 21

90602-SFA-004
FIX623 Pack of 20
Ø x H: 16 x 18

90602-TA0-003
FIX861 Pack of 20
Ø x H: 16 x 18

90651-S4N-003
FIX259 Pack of 50
W x D x H: 15 x 9 x 15

90654-SA4-003
FIX464 Pack of 20
W x D x H: 21 x 8 x 17.5

90657-SB0-003
FIX487 Pack of 20
Ø x S: 10.5 x 9.5

Honda • Acura

90664-671-003
FIX463 Pack of 20
W x D x H: 16 x 7 x 13

90664-671-0030
FIX449 Pack of 20
W x D x H: 14 x 8 x 11.5

90667-SA0-003
FIX502 Pack of 50
Ø x H: 18 x 23

90671-S0D-003ZK
FIX701 Pack of 20
Ø x H: 18 x 15.5

906726718110M
FIX191 Pack of 20
Ø x H: 14.3 x 16

90675-SB3-003
FIX181 Pack of 20
Ø x S: 20 x 8

90675-SB3-003
FIX123 Pack of 50
Ø x S: 20 x 8

90675-SB3-003
FIX233 Pack of 20
Ø x S: 19 x 11

90687-SB0-013
FIX807 Pack of 20
Ø x S: 15 x 14

90688-SB0-003
FIX519 Pack of 50
Ø x S: 18 x 10

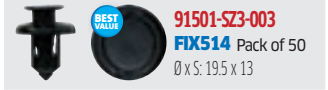
90700-SJ4-000
FIX465 Pack of 20
Ø x H: 30.5 x 12

91501-SG0-003
FIX871 Pack of 20
W x D x H: 13 x 11.5 x 16

91501-STK-003
FIX357 Pack of 20
Ø x H: 30 x 16

91501-SWA-003
FIX388 Pack of 20
W x D x H: 28.5 x 28.5 x 16.5

91501-SZ3-003
FIX178 Pack of 20
Ø x S: 19.5 x 13



91501-SZ3-003
FIX514 Pack of 50
Ø x S: 19.5 x 13

91502-SP0-003
FIX216 Pack of 20
Ø x S: 20 x 26

91503-S7A-003
FIX765 Pack of 20
Ø x S: 20 x 11

Honda • Acura

91503-SP0-003
FIX182 Pack of 10
Ø x S: 20 x 14

91503-SP0-003
FIX521 Pack of 50
Ø x S: 20 x 14

91503-SZ3-003
FIX231 Pack of 20
Ø x S: 19.5 x 13

91503-SZ5-003
FIX753 Pack of 20
Ø x S: 19.5 x 17

91505-S9A-003
FIX231 Pack of 20
Ø x S: 19.5 x 13

91508-SR3-003
FIX785 Pack of 20
Ø x S: 17.5 x 9.5

91510-SR3-003
FIX486 Pack of 20
W x D x H: 25 x 24 x 11.5

91512-SX0-003
FIX769 Pack of 20
Ø x S: 20 x 10

91512SX0003
FIX180 Pack of 20
Ø x S: 20 x 10

91516-SK7-013
FIX800 Pack of 20
Ø x S: 20 x 15

91534-SE0-000
FIX489 Pack of 20
W x D x H: 10 x 10.5 x 13

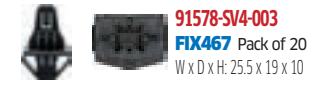
91545-SE0-003
FIX758 Pack of 20
Ø x S: 19.5 x 12

91550-SH3-003
FIX807 Pack of 20
Ø x S: 15 x 14

91560-S84-A01
FIX833 Pack of 20
Ø x H: 16.5 x 19

91560-S9A-A01
FIX846 Pack of 20
Ø x H: 16.5 x 19

91566-SP0-003
FIX843 Pack of 20
Ø x H: 17.5 x 22.5



91578-SV4-003
FIX467 Pack of 20
W x D x H: 25.5 x 19 x 10

91591-SJ6-013
FIX464 Pack of 20
W x D x H: 21 x 8 x 17.5

Honda • Acura

91606-SE3-030
FIX707 Pack of 20
Ø x H: 17.5 x 18.5

91620-SR2-003
FIX191 Pack of 20
Ø x H: 14.3 x 16

91808-SM4-000
FIX785 Pack of 20
Ø x S: 17.5 x 9.5

93405-0601608
FIX732 Pack of 20
Thread: M6 x 12

-
FIX473 Pack of 20
W x D x H: 26 x 19 x 40

Hyundai • Kia

8231533020
FIX947 Pack of 50
Ø x H: 18 x 17 mm

8231538000
FIX926 Pack of 50
Ø x H: 16.5 x 17 mm

0G032-50037A
FIX796 Pack of 20
Ø x S: 18 x 13

0G032-50037A
FIX232 Pack of 20
Ø x S: 18 x 13

0G032-50037A
FIX233 Pack of 20
Ø x S: 19 x 11

81174-1G000
FIX458 Pack of 20
W x D x H: 20 x 20 x 29

82132-22100
FIX300 Pack of 20
W x D x H: 14 x 6 x 14

82132-27100
FIX259 Pack of 50
W x D x H: 15 x 9 x 15

823152P000
FIX925 Pack of 50
Ø x H: 18 x 19 mm

86590-28000
FIX520 Pack of 50
Ø x S: 18 x 13

86590-28000
FIX232 Pack of 20
Ø x S: 18 x 13

86590-28000
FIX233 Pack of 20
Ø x S: 19 x 11

865952T500
FIX924 Pack of 50
Ø x S: 18 x 13 mm

87702-H1000
FIX821 Pack of 20
W x D x H: 15.5 x 15.3 x 16.7

87719-3D000
FIX868 Pack of 20
Ø x H: 18 x 31

87756-2E000
FIX535 Pack of 50
Ø x H: 18 x 14.5

87758-3D000
FIX822 Pack of 20
W x D x H: 20 x 16 x 15

87758-3L000
FIX850 Pack of 20
Ø x H: 18 x 19 x 21

Hyundai • Kia

92155-22000
FIX719 Pack of 20
Ø x H: 15 x 24

92351-37000
FIX645 Pack of 20
Ø x H: 15 x 10

97519-22000
FIX191 Pack of 20
Ø x H: 14.3 x 16

-
FIX720 Pack of 20
Ø x H: 15.5 x 28

Isuzu

89429-81190
FIX522 Pack of 50
Ø x S: 15 x 13

Land Rover

79086L
FIX45 Pack of 50
Ø x S: 13 x 13

ANR2224
FIX751 Pack of 20
Ø x S: 20 x 21

AWR3994
FIX523 Pack of 50
Ø x S: 20 x 20

DYQ100230
FIX182 Pack of 10
Ø x S: 20 x 14

DYQ100230
FIX521 Pack of 50
Ø x S: 20 x 14

MWC9134
FIX263 Pack of 50
Ø x H: 14 x 21

MWC9134
FIX886 Pack of 20
Ø x H: 14 x 21

Universal
FIX218 Pack of 50
Ø x H: 18.5 x 31

Mazda

01553-00-291
FIX1 Pack of 50
Ø x H: 14 x 17

B092-51-833
FIX796 Pack of 20
Ø x S: 18 x 13

B092-51-833
FIX232 Pack of 20
Ø x S: 18 x 13

B092-51-833
FIX520 Pack of 50
Ø x S: 18 x 13

BP4K-58-762
FIX303 Pack of 20
Ø x H: 9.5 x 8

E4T6-88-65A
FIX513 Pack of 50
Ø x S: 19 x 14

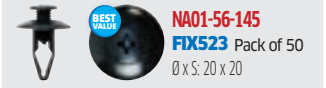
FB01-56-964
FIX233 Pack of 20
Ø x S: 19 x 11

FB01-56-964
FIX182 Pack of 10
Ø x S: 20 x 14

FB01-56-964
FIX521 Pack of 50
Ø x S: 20 x 14

N304-13-356 A
FIX31 Pack of 50
Ø x S: 15 x 13

N304-13-356 A
FIX522 Pack of 50
Ø x S: 15 x 13



NA01-56-145
FIX523 Pack of 50
Ø x S: 20 x 20

Manufacturers OEM References provided for information and guidance only. E. & O. E.

Mercedes-Benz

-
FIX641 Pack of 10
W x D x H: 11 x 10 x 17

-
FIX651 Pack of 20
Ø x S: 27 x 19

0079887678
FIX478 Pack of 10
W x D x H: 38 x 34 x 15

1269900192
FIX779 Pack of 20
Ø x S: 20 x 20.5

A0009880027
FIX6 Pack of 50
Ø x H: 5 x 12

A0009881625
FIX890 Pack of 20
W x D x H: 10 x 10 x 15

A0009900392
FIX710 Pack of 20
Ø x S: 10 x 7

A0009900392
FIX43 Pack of 50
Ø x S: 8.7 x 8

A0009902292
FIX710 Pack of 20
Ø x S: 10 x 7

A0009902292
FIX43 Pack of 50
Ø x S: 8.7 x 8

A0009902992
FIX100 Pack of 50
Ø x S: 16 x 11

A0009902992
FIX517 Pack of 50
Ø x S: 16 x 13

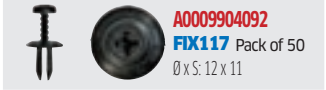
A0009902992
FIX39 Pack of 50
Ø x S: 16 x 13

A0009903492
FIX97 Pack of 50
Ø x S: 10 x 12

A0009903492
FIX515 Pack of 50
Ø x S: 10 x 12

A0009903492
FIX710 Pack of 20
Ø x S: 10 x 7

A0009903792
FIX106 Pack of 20
Ø x S: 13 x 15



A0009904092
FIX117 Pack of 50
Ø x S: 12 x 11

Mercedes-Benz

A0009904529
FIX175 Pack of 50
Ø x S: 16 x 14

A0009904529
FIX516 Pack of 50
Ø x S: 16.5 x 14

A0009905492
FIX107 Pack of 50
Ø x S: 15 x 15

A0009905492
FIX111 Pack of 50
Ø x S: 15 x 15

A0009905592
FIX103 Pack of 50
Ø x S: 16 x 11

A0009908492
FIX451 Pack of 20
Ø x S: 10 x 11

A0009912771
FIX848 Pack of 20
Ø x H: 18.5 x 18

A0009918698
FIX927 Pack of 50
Ø x H: 17 x 18 mm

A0019883181
FIX442 Pack of 10
W x D x H: 18 x 22 x 24

A0019884481
FIX429 Pack of 20
W x D x H: 15.5 x 12 x 16

A0019884681
FIX642 Pack of 20
W x D x H: 25 x 19 x 25

A0019884981
FIX425 Pack of 20
W x D x H: 16 x 16 x 21.5

A0019885181
FIX426 Pack of 20
W x D x H: 23.5 x 12.5 x 15

A0019886081
FIX432 Pack of 20
W x D x H: 15.5 x 18 x 15.5

A0019886381
FIX431 Pack of 20
W x D x H: 32 x 19 x 25.5

A0019887681
FIX305 Pack of 20
Ø x H: 11 x 14

A0019888081
FIX428 Pack of 20
W x D x H: 32.5c23 x 23

A0019889642
FIX609 Pack of 10
Ø x H: 19 x 25

Mercedes-Benz

A0019900192
FIX802 Pack of 10
Ø x S: 30 x 17

A0019901692
FIX176 Pack of 20
Ø x S: 18.7 x 15

A0019944145
FIX99 Pack of 50
Ø x S: 18 x 17

A0019976535
FIX635 Pack of 20
W x D x H: 16 x 16 x 16

A0019979586
FIX385 Pack of 2
Ø x H: 66 x 60

A0039885078
FIX140 Pack of 50
Ø x H: 9 x 11

A0039900251
FIX147 Pack of 50
Ø x H: 16 x 11

A0039944245
FIX661 Pack of 20
W x L x R: 15.5 x 12 x 6

A0049887678
FIX480 Pack of 20
Ø x H: 8.5 x 16.5

A0049887778
FIX479 Pack of 10
W x D x H: 20 x 11 x 7

A0049941545
FIX660 Pack of 10
W x L x R: 21 x 16 x 9

A0059889778
FIX472 Pack of 20
W x D x H 17 x 18 x 20 mm

A0069884378
FIX841 Pack of 20
Ø x H: 18 x 17.5

A0069887278
FIX858 Pack of 10
W x D x H: 47.5 x 23 x 16

A0069887378
FIX820 Pack of 20
W x D x H: 19 x 18 x 11.5

A0069887478
FIX374 Pack of 20
W x D x H: 18 x 8 x 6

A0079887178
FIX424 Pack of 20
W x D x H: 48 x 33 x 14

A0089973981
FIX367 Pack of 10
W x D x H: 28 x 12 x 6

Mercedes-Benz

A0099884078
FIX311 Pack of 20
W x D x H: 22 x 14 x 6

A0099884178
FIX365 Pack of 20
W x D x H: 41 x 21 x 16

A0099884178
FIX373 Pack of 20
W x D x H: 25 x 12 x 16

A0099884278
FIX308 Pack of 10
W x D x H: 29 x 20 x 33

A0099884378
FIX309 Pack of 10
W x D x H: 30 x 23 x 17

A1239900092
FIX116 Pack of 50
Ø x S: 12 x 10 mm

A1239900592
FIX118 Pack of 50
Ø x S: 16 x 12

A1248210520
FIX600 Pack of 5
Ø x H: 37.5 x 28.5

A1249880492
FIX427 Pack of 20
W x D x H: 18.5 x 19.5 x 20

A1249900492
FIX759 Pack of 20
Ø x S: 16 x 18

A1249900592
FIX117 Pack of 50
Ø x S: 12 x 11

A1249900792
FIX414 Pack of 20
W x D x H: 10.5 x 13.5 x 20.5

A1249909051
FIX117 Pack of 50
Ø x S: 12 x 11

A1269900392
FIX804 Pack of 20
Ø x S: 18 x 18.5

A2016980160
FIX420 Pack of 10
W x D x H: 56.5 x 15 x 12

A2016980660
FIX634 Pack of 10
W x D x H: 54.5 x 16 x 12

A2016980860
FIX860 Pack of 10
W x D x H: 56 x 15 x 15

A2019900050
FIX146 Pack of 50
Ø x H: 24 x 10.5

Mercedes-Benz

A2019900292
FIX114 Pack of 50
Ø x S: 20 x 14

A2019900292
FIX506 Pack of 50
Ø x S: 20 x 14

A2019900536
FIX724 Pack of 20
Ø x H: 8 x 24

A2029970186
FIX386 Pack of 2
Ø x H: 69 x 47

A2115040059
FIX601 Pack of 5
W x D x H: 40.5 x 29.5 x 43

A6010782041
FIX377 Pack of 20
W x D x H: 33 x 12 x 18

A6030780141
FIX373 Pack of 20
W x D x H: 25 x 12 x 16

A6389840961
FIX611 Pack of 10
W x D x H: 36 x 20 x 12

N000000001476
FIX733 Pack of 20
Thread: M5 x 20

Universal
FIX98 Pack of 20
Ø x S: 12.5 x 12

Universal
FIX114 Pack of 50
Ø x S: 20 x 14

Manufacturers OEM References provided for information and guidance only. E. & O. E.

Mitsubishi

M283083
FIX841 Pack of 20
Ø x H: 18 x 17.5

M820141
FIX114 Pack of 50
Ø x S: 20 x 14

M820141
FIX506 Pack of 50
Ø x S: 20 x 14

MB098145
FIX747 Pack of 20
Ø x H: 17.5 x 17.5

MB253964
FIX234 Pack of 20
Ø x S: 17 x 11

MB344728
FIX794 Pack of 20
Ø x S: 15 x 13

MB476821
FIX510 Pack of 50
Ø x S: 15 x 9

MB955901
FIX776 Pack of 20
Ø x S: 11 x 14

MR200300
FIX257 Pack of 50
Ø x S: 18 x 13

MR200300
FIX512 Pack of 50
Ø x S: 18 x 13

MR328954
FIX240 Pack of 50
Ø x S: 20 x 9

MR328954
FIX507 Pack of 50
Ø x S: 20 x 9

MU480033
FIX747 Pack of 20
Ø x H: 17.5 x 17.5

MU480150
FIX513 Pack of 50
Ø x S: 19 x 14

MU481276
FIX259 Pack of 50
W x D x H: 15 x 9 x 15

Nissan • Infiniti Datsun

-
FIX606 Pack of 20
Ø x H: 28 x 6

6387695596
FIX182 Pack of 10
Ø x S: 20 x 14

01515-00QAB
FIX179 Pack of 20
Ø x S: 17.5 x 11.5

01553-00051
FIX314 Pack of 20
Ø x H: 18 x 18

01553-03831
FIX352 Pack of 20
W x D x H: 16 x 10.5 x 22

01553-04233
FIX758 Pack of 20
Ø x S: 19.5 x 12

01553-09321
FIX240 Pack of 50
Ø x S: 20 x 9

01553-09321
FIX507 Pack of 50
Ø x S: 20 x 9

01553-09611
FIX766 Pack of 20
Ø x S: 18 x 10

01553-10501
FIX766 Pack of 20
Ø x S: 18 x 10

10998-30880
FIX522 Pack of 50
Ø x S: 15 x 13

11296-AG000
FIX768 Pack of 20
Ø x S: 20 x 13

62226-AX000
FIX371 Pack of 10
W x D x H: 47 x 21 x 25

62227-AX000
FIX370 Pack of 10
W x D x H: 47 x 21 x 25

62318-01W00
FIX352 Pack of 20
W x D x H: 16 x 10.5 x 22

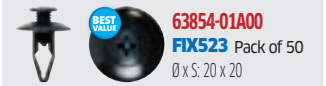
63844-01A00
FIX523 Pack of 50
Ø x S: 20 x 20

63848-01G00
FIX758 Pack of 20
Ø x S: 19.5 x 12

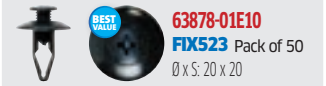
63848-01G00
FIX754 Pack of 20
Ø x S x H: 20 x 8 x 22

Nissan • Infiniti Datsun

63848-35F00
FIX471 Pack of 20
W x D x H: 32 x 31 x 12


63854-01A00
FIX523 Pack of 50
Ø x S: 20 x 20

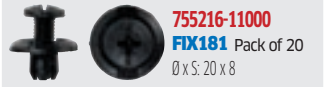
63876-95596
FIX233 Pack of 20
Ø x S: 19 x 11


63878-01E10
FIX523 Pack of 50
Ø x S: 20 x 20

65810-AD20
FIX794 Pack of 20
Ø x S: 15 x 13

65846-4Z000
FIX620 Pack of 20
Ø x H: 28 x 10.5

66824-01G00
FIX760 Pack of 20
Ø x S: 13 x 8


755216-11000
FIX181 Pack of 20
Ø x S: 20 x 8

755216-11000
FIX123 Pack of 50
Ø x S: 20 x 8

8099905N07
FIX781 Pack of 20
Ø x S: 18 x 11.5

8522-0M000
FIX628 Pack of 10
W x D x H: 31 x 30 x 37

91503-SZ3-003
FIX768 Pack of 20
Ø x S: 20 x 13

96706B0700
FIX23 Pack of 50
W x H: 9.5 x 8

Renault

-
FIX648 Pack of 20
W x D x H: 45 x 15 x 7

82176228
FIX318 Pack of 20
W x D x H: 14 x 7 x 13.5

7700784059
FIX883 Pack of 20
W x D x H: 50 x 12.5 x 10.5

7700838242
FIX883 Pack of 20
W x D x H: 50 x 12.5 x 10.5

7700842510
FIX396 Pack of 5
W x D x H: 50 x 24 x 30

7701044547
FIX349 Pack of 20
W x D x H: 8 x 16.5 x 11

7701049008
FIX729 Pack of 20
Ø x H: 9.5 x 30

7701049270
FIX166 Pack of 50
Ø x H: 20 x 16

7701049271
FIX751 Pack of 20
Ø x S: 20 x 21

7701050734
FIX816 Pack of 20
Ø x H: 15 x 14

7701057429
FIX397 Pack of 10
W x D x H: 16.5 x 16.5 x 19

7701070813
FIX406 Pack of 20
W x D x H: 14 x 8 x 17

7701470779
FIX533 Pack of 50
Ø x H: 20 x 17

7703017090
FIX729 Pack of 20
Ø x H: 9.5 x 30

7703044129
FIX394 Pack of 10
W x D x H: 25 x 17 x 10

7703072116
FIX97 Pack of 50
Ø x S: 10 x 12

Renault

7703072144
FIX174 Pack of 50
Ø x S: 10 x 14

7703072173
FIX43 Pack of 50
Ø x S: 8.7 x 8

7703072224
FIX42 Pack of 50
Ø x S: 7.6 x 8

7703072360
FIX179 Pack of 20
Ø x S: 17.5 x 11.5

7703077117
FIX339 Pack of 20
Ø x H: 19 x 15

7703077225
FIX164 Pack of 50
Ø x H: 35 x 25

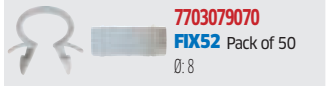
7703077256
FIX392 Pack of 20
W x D x H: 19 x 13 x 10

7703077421
FIX533 Pack of 50
Ø x H: 20 x 17

7703077434
FIX856 Pack of 20
Ø x H: 15 x 20.5

7703077469
FIX529 Pack of 50
Ø x H: 18 x 17

7703077476
FIX495 Pack of 20
Ø x H: 21.5 x 20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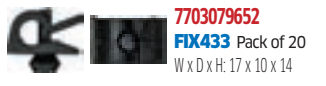
FIX52 Pack of 50
Ø: 8


7703079652
FIX433 Pack of 20
W x D x H: 17 x 10 x 14

7703081056
FIX604 Pack of 20
W x D x H: 25 x 9 x 16

7703081151
FIX366 Pack of 20
Ø x H: 8 x 13

7703081180
FIX646 Pack of 10
W x D x H: 20 x 20 x 29

8200389607
FIX854 Pack of 10
Ø x H: 21 x 23

9605204680
FIX361 Pack of 20
W x D x H: 22 x 14 x 21

Renault

1609267280
FIX273 Pack of 50
Ø x H: 20 x 20

7701049270
FIX532 Pack of 50
Ø x H: 20 x 16

77030 77477
FIX496 Pack of 10
W x D x H: 28 x 16 x 17

7703072116
FIX515 Pack of 50
Ø x S: 10 x 12

7703072173
FIX95 Pack of 50
Ø x S: 11.4 x 7

Subaru

59114AG000
FIX772 Pack of 20
Ø x S: 20 x 12.5

94422-KC030
FIX707 Pack of 20
Ø x H: 17.5 x 18.5

Suzuki

09409-07308-5PK
FIX510 Pack of 50
Ø x S: 15 x 9

09409-07332-000
FIX258 Pack of 50
Ø x S: 20 x 10

76243-77K00
FIX829 Pack of 10
W x D x H: 24 x 23 x 33

90467-11063
FIX228 Pack of 50
Ø x H: 18 x 17.8

Tesla

100652100A
FIX937 Pack of 20
Ø x S: 18 x 10 mm

100653500A
FIX938 Pack of 20
Ø x S: 18 x 15 mm

101181300A
FIX934 Pack of 50
Ø x H: 19 x 20 mm

101607800A
FIX939 Pack of 20
Ø x H: 18 x 23 mm

102540100A
FIX935 Pack of 20
Ø x H: 21.5 x 28 mm

104730700A
FIX936 Pack of 20
Ø x H: 19 x 20 mm

Toyota • Lexus

4774958010
FIX944 Pack of 20
Ø x H: 15 x 28 mm

5378914010
FIX471 Pack of 20
W x D x H: 32 x 31 x 12

6221713010
FIX946 Pack of 50
Ø x H: 16 x 17 mm

67771-02030
FIX530 Pack of 50
Ø x H: 18.5 x 20 mm

7539235200
FIX942 Pack of 20
W x D x H: 26 x 13 x 27 mm

9046709050
FIX940 Pack of 20
Ø x H: 25 x 14.5 mm

9046709203
FIX945 Pack of 50
Ø x H: 18 x 20 mm

9046709206
FIX943 Pack of 20
Ø x H: 18 x 20 mm

9046710204
FIX941 Pack of 20
Ø x H: 19.5 x 22 mm

52161-16010
FIX511 Pack of 50
Ø x S: 18 x 28

52161-20010
FIX764 Pack of 20
Ø x S: 18 x 32

521614401080
FIX764 Pack of 20
Ø x S: 18 x 32

521614401080
FIX511 Pack of 50
Ø x S: 18 x 28

53259-20030
FIX637 Pack of 20
W x D x S: 18 x 18 x 11

53455-14020
FIX458 Pack of 20
W x D x H: 20 x 20 x 29

53879-58010
FIX407 Pack of 20
W x D x H: 34.5 x 25 x 18.5

67771-02030
FIX527 Pack of 50
Ø x H: 17 x 18

67771-52010B1
FIX758 Pack of 20
Ø x S: 19.5 x 12

Toyota • Lexus

67867-12150
FIX259 Pack of 50
W x D x H: 15 x 9 x 15

67867-12150
FIX320 Pack of 20
W x D x H: 15 x 9.5 x 15

69293-12050
FIX462 Pack of 20
W x D x H: 23 x 9.5 x 18

75049-33010
FIX47 Pack of 50
Ø x H: 18 x 21

75395-33030
FIX228 Pack of 50
Ø x H: 18 x 17.8

76931-26010
FIX228 Pack of 50
Ø x H: 18 x 17.8

90044-68320
FIX240 Pack of 50
Ø x S: 20 x 9

90044-68320
FIX507 Pack of 50
Ø x S: 20 x 9

90189-04013
FIX73 Pack of 50
Ø x H: 16 x 20

90189-05133
FIX368 Pack of 20
Ø x H: 21 x 36

90189-06001
FIX747 Pack of 20
Ø x H: 17.5 x 17.5

90189-06006
FIX525 Pack of 50
Ø x H: 16 x 11

90189-06013
FIX192 Pack of 50
Ø x H: 20 x 18.5

90189-06013
FIX526 Pack of 50
Ø x H: 20 x 18.5

90189-06018
FIX190 Pack of 50
W x H: 14 x 8

90189-06224
FIX749 Pack of 20
Ø x H: 16 x 20

90467-06017
FIX522 Pack of 50
Ø x S: 15 x 13

90467-06017
FIX31 Pack of 50
Ø x S: 15 x 13

Toyota • Lexus

90467-07030
FIX234 Pack of 20
Ø x S: 17 x 11

90467-07041
FIX510 Pack of 50
Ø x S: 15 x 9

90467-07043
FIX781 Pack of 20
Ø x S: 18 x 11.5

90467-07066
FIX776 Pack of 20
Ø x S: 11 x 14

90467-07146
FIX774 Pack of 20
Ø x S: 16 x 8

90467-07164
FIX258 Pack of 50
Ø x S: 20 x 10

90467-07201
FIX763 Pack of 20
Ø x S: 20 x 11

90467-07214
FIX771 Pack of 20
Ø x S: 20 x 9

90467-08030
FIX629 Pack of 20
W x D x H: 13 x 7 x 14.5

90467-08185
FIX766 Pack of 20
Ø x S: 18 x 10

90467-09004/5
FIX459 Pack of 20
Ø x H: 30 x 19.5

90467-10107
FIX622 Pack of 20
Ø x H: 17 x 14

90467-10161
FIX531 Pack of 50
Ø x H: 18 x 20.5

90467-10167
FIX838 Pack of 20
Ø x H: 18 x 17.5

90904-67036
FIX837 Pack of 20
Ø x H: 17 x 24.5

90959-01136
FIX477 Pack of 20
W x D x H: 15.5 x 15.5 x 24

Manufacturers OEM References provided for information and guidance only. E. & O. E.

Vauxhall • Opel • GM

149910
FIX810 Pack of 20
Ø x H: 12 x 16

157979
FIX185 Pack of 20
W x D x H: 15 x 6 x 18

0164361
FIX70 Pack of 50
Ø: 1/8"

0167935
FIX710 Pack of 20
Ø x S: 10 x 7

180942
FIX147 Pack of 50
Ø x H: 16 x 11

796255
FIX819 Pack of 20
Ø x H: 19 x 22.5

824767
FIX317 Pack of 20
W x D x H: 15.5 x 11.5 x 15

1104880
FIX100 Pack of 50
Ø x S: 16 x 11

1104882
FIX176 Pack of 20
Ø x S: 18.7 x 15

1162484
FIX163 Pack of 50
Ø x H: 28 x 18.5

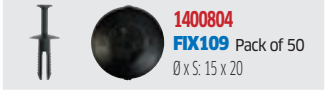
1162488
FIX170 Pack of 50
W x D x H: 21 x 18 x 10

1180216
FIX343 Pack of 20
W x D x H: 18 x 9.5 x 25

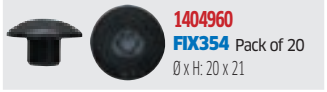
1216957
FIX142 Pack of 50
W x H: 11 x 12

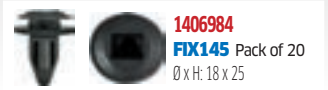
1218604
FIX315 Pack of 20
W x D x H: 26 x 23 x 19

1222141
FIX496 Pack of 10
W x D x H: 28 x 16 x 17


1400804
FIX109 Pack of 50
Ø x S: 15 x 20

1400806
FIX110 Pack of 50
Ø x S: 20 x 20


1404960
FIX354 Pack of 20
Ø x H: 20 x 21

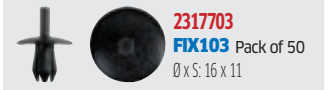

1406984
FIX145 Pack of 20
Ø x H: 18 x 25

2207713
FIX703 Pack of 20
Ø x H: 19 x 21.5

2208843
FIX342 Pack of 20
Ø x H: 28 x 16

2240587
FIX242 Pack of 50
Ø x H: 18 x 18.5

2240593
FIX242 Pack of 50
Ø x H: 18 x 18.5


2317703
FIX103 Pack of 50
Ø x S: 16 x 11

2338955
FIX267 Pack of 50
Ø x H: 14 x 17

2345957
FIX527 Pack of 50
Ø x H: 17 x 18

2345959
FIX527 Pack of 50
Ø x H: 17 x 18

4409693
FIX533 Pack of 50
Ø x H: 20 x 17

4412053
FIX533 Pack of 50
Ø x H: 20 x 17

6500911
FIX211 Pack of 50
Ø x L: 6 x 25. FØ: 16.9

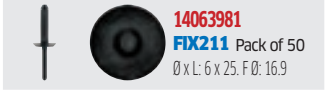
10036503
FIX211 Pack of 50
Ø x L: 6 x 25. FØ: 16.9

10053182
FIX120 Pack of 50
Ø x S: 15 x 19

10121502
FIX29 Pack of 50
Ø x H: 18 x 28

10184895
FIX210 Pack of 50
Ø x L: 6 x 25. FØ: 12.9

11589289
FIX891 Pack of 20
Ø x S: 18 x 17.5


14063981
FIX211 Pack of 50
Ø x L: 6 x 25. FØ: 16.9

21030249
FIX751 Pack of 20
Ø x S: 20 x 21

22512276
FIX705 Pack of 20
Ø x H: 21.5 x 24

24405740
FIX496 Pack of 10
W x D x H: 28 x 16 x 17

88970345
FIX838 Pack of 20
Ø x H: 18 x 17.5

90033713
FIX70 Pack of 50
Ø: 1/8"

90040750
FIX163 Pack of 50
Ø x H: 28 x 18.5

90087290
FIX100 Pack of 50
Ø x S: 16 x 11

90116376
FIX103 Pack of 50
Ø x S: 16 x 11

90138810
FIX104 Pack of 50
Ø x S: 16 x 10

90218614
FIX342 Pack of 20
Ø x H: 28 x 16

90230960
FIX142 Pack of 50
W x H: 11 x 12

90246867
FIX343 Pack of 20
W x D x H: 18 x 9.5 x 25

90270271
FIX154 Pack of 50
W x L x R: 16.5 x 11 x 8

90321121
FIX242 Pack of 50
Ø x H: 18 x 18.5

90321122
FIX527 Pack of 50
Ø x H: 17 x 18

90355604
FIX170 Pack of 50
W x D x H: 21 x 18 x 10

90356928
FIX106 Pack of 20
Ø x S: 13 x 15

90386374
FIX315 Pack of 20
W x D x H: 26 x 23 x 19

90413589
FIX147 Pack of 50
Ø x H: 16 x 11

90450482
FIX176 Pack of 20
Ø x S: 18.7 x 15

90457899
FIX527 Pack of 50
Ø x H: 17 x 18

90482706
FIX145 Pack of 20
Ø x H: 18 x 25

90508809
FIX110 Pack of 50
Ø x S: 20 x 20

93160023
FIX533 Pack of 50
Ø x H: 20 x 17

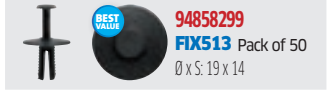
93160780
FIX856 Pack of 20
Ø x H: 15 x 20.5

94198687
FIX31 Pack of 50
Ø x S: 15 x 13

94530438
FIX794 Pack of 20
Ø x S: 15 x 13

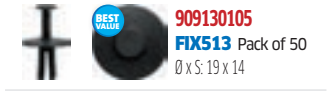
94530623
FIX182 Pack of 10
Ø x S: 20 x 14

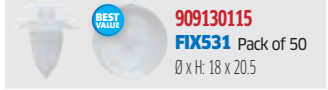
94854203
FIX749 Pack of 20
Ø x H: 16 x 20

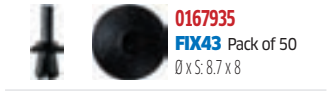

94858299
FIX513 Pack of 50
Ø x S: 19 x 14

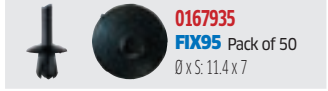
96057846
FIX510 Pack of 50
Ø x S: 15 x 9

96057847
FIX776 Pack of 20
Ø x S: 11 x 14


909130105
FIX513 Pack of 50
Ø x S: 19 x 14


909130115
FIX531 Pack of 50
Ø x H: 18 x 20.5


0167935
FIX43 Pack of 50
Ø x S: 8.7 x 8


0167935
FIX95 Pack of 50
Ø x S: 11.4 x 7

Vauxhall • Opel • GM

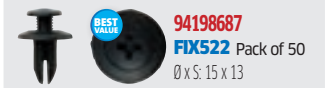
10121502
FIX503 Pack of 50
Ø x H: 18 x 31

1104880
FIX517 Pack of 50
Ø x S: 16 x 13

1104880
FIX39 Pack of 50
Ø x S: 16 x 13

90087290
FIX517 Pack of 50
Ø x S: 16 x 13

90087290
FIX39 Pack of 50
Ø x S: 16 x 13



94198687
FIX522 Pack of 50
Ø x S: 15 x 13

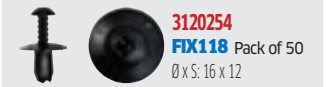
94530623
FIX521 Pack of 50
Ø x S: 20 x 14

Volvo

947098
FIX95 Pack of 50
Ø x S: 11.4 x 7

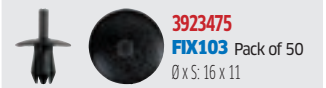
979878
FIX206 Pack of 50
Head Ø: 6

987789
FIX781 Pack of 20
Ø x S: 18 x 11.5



3120254
FIX118 Pack of 50
Ø x S: 16 x 12

3541113
FIX758 Pack of 20
Ø x S: 19.5 x 12



3923475
FIX103 Pack of 50
Ø x S: 16 x 11

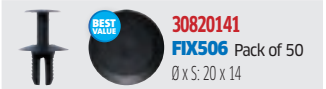
12681763
FIX175 Pack of 50
Ø x S: 16 x 14

30808521
FIX344 Pack of 20
W x D x H: 13.5 x 19.5 x 24

30820141
FIX114 Pack of 50
Ø x S: 20 x 14

35126242
FIX100 Pack of 50
Ø x S: 16 x 11

12681763
FIX516 Pack of 50
Ø x S: 16.5 x 14

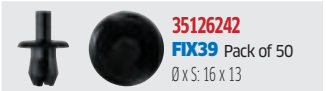


30820141
FIX506 Pack of 50
Ø x S: 20 x 14

3272075327462A
FIX36 Pack of 50
Ø x H: 18 x 17

3272075327462B
FIX35 Pack of 50
Ø x H: 18 x 17

35126242
FIX517 Pack of 50
Ø x S: 16 x 13



35126242
FIX39 Pack of 50
Ø x S: 16 x 13

3541113
FIX754 Pack of 20
Ø x S x H: 20 x 8 x 22

9133417-7
FIX709 Pack of 20
Ø x S: 16 x 14

Volvo

947-098
FIX710 Pack of 20
Ø x S: 10 x 7

Universal

Universal
FIX682 Pack of 20
Ø x H: 18 x 24.5

Universal
FIX684 Pack of 20
Ø x H: 14.5 x 23

Universal
FIX20 Pack of 50
Ø x H: 16 x 15

Universal
FIX677 Pack of 20
Ø x H: 18 x 25

Manufacturers OEM References provided for information and guidance only. E. & O. E.

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Tubing + Air

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206 Hose Clips
215 O-Clips
216 Hose + Tubing Tools
218 Tube Couplings
222 Pipe Fittings
224 Hose + Tubing
226 Hose Connectors
227 Brake Pipes + Hoses
228 Air Line Hose
230 Air Line Fittings
235 Blow Guns
236 Air Tools
238 Spray Guns
239 Tyre Inflators
242 Tyre Valve Connectors
243 Tyre Pressure Gauges
244 Tyre Air Compressors

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ACE W1 Hose Clips

Band, housing and screw: zinc plated mild steel. DIN 3017.

7mm

Part No.	Pack of	Size No.	Range	Band Width
ACE1025	10	12 (000)	8-12 mm	9 mm
ACE1026	10	16 (M00)	10-16 mm	9 mm
ACE1027	10	22 (00 & 0)	12-22 mm	9 mm
ACE1028	10	27 (0X)	16-27 mm	9 mm
ACE1029	10	32 (1A)	20-32 mm	9 mm
ACE1030	10	35 (1)	23-35 mm	9 mm
ACE1031	10	40 (1X)	25-40 mm	9 mm
ACE1032	10	45 (1M)	30-45 mm	9 mm
ACE1033	10	50 (2A)	32-50 mm	9 mm
ACE1034	10	60 (2 & 2X)	40-60 mm	9 mm
ACE1035	10	70 (3)	50-70 mm	9 mm
ACE1036	10	80 (3X)	60-80 mm	9 mm
ACE1037	10	90 (4)	70-90 mm	9 mm
ACE1038	10	100 (4X)	80-100 mm	9 mm
ACE1039	10		90-110 mm	9 mm
ACE1040	10	120 (5)	100-120 mm	9 mm
ACE1042	10	140 (6)	120-140 mm	9 mm
ACE1102	10	27 (0X)	16-27 mm	12 mm
ACE1103	10	32 (1A)	20-32 mm	12 mm
ACE1104	10	35 (1)	23-35 mm	12 mm
ACE1105	10	40 (1X)	25-40 mm	12 mm
ACE1106	10	45 (1M)	30-45 mm	12 mm
ACE1107	10	50 (2A)	32-50 mm	12 mm
ACE1108	10	60 (2 & 2X)	40-60 mm	12 mm
ACE1109	10	70 (3)	50-70 mm	12 mm
ACE1110	10	80 (3X)	60-80 mm	12 mm
ACE1111	10	90 (4)	70-90 mm	12 mm
ACE1112	10	100 (4X)	80-100 mm	12 mm
ACE1114	10	120 (5)	100-120 mm	12 mm
ACE1116	10	140 (6)	120-140 mm	12 mm
ACE1118	10	160 (7)	140-160 mm	12 mm
ACE1120	5		160-180 mm	12 mm

ACE W1 Hose Clip Handipack Assortment

Band, housing and screw: zinc plated mild steel. DIN 3017.

7mm

Part No.	Qty	Description
ACE1869	1 Set	100 Piece Set

Contents: 20 pcs 08-12 mm, 30 pcs 10-16 mm, 20 pcs 12-22 mm, 20 pcs 16-27 mm, 10 pcs 25-40 mm.

ACE W1 Hose Clip Stand c/w Clips

Band, housing and screw: zinc plated mild steel. DIN 3017.

7mm

Part No.	Qty	Description
ACE1361	1 Set	140 Piece Set

Contents: 20 pcs 07-11 mm, 20 pcs 10-19 mm, 10 pcs 08-12 mm, 10 pcs 10-16 mm, 10 pcs 12-22 mm, 10 pcs 16-27 mm, 10 pcs 20-32 mm, 10 pcs 23-35 mm, 10 pcs 25-40 mm, 10 pcs 30-45 mm, 10 pcs 32-50 mm, 10 pcs 40-60 mm.

ACE W1 Gravity Fed Hose Clip Box Dispenser

Band, housing and screw: zinc plated mild steel. DIN 3017.

7mm

Part No.	Qty	Description
ACE1511	1 Set	250 Piece Set

Contents: 60 pcs 08-12 mm, 60 pcs 10-16 mm, 70 pcs 12-22 mm, 30 pcs 16-27 mm, 30 pcs 16-27 mm.

ACE W1 Chimney Box Hose Clips Dispenser

Band, housing and screw: zinc plated mild steel. DIN 3017.

7mm

Part No.	Qty	Description	Band Width
ACE1510	1 Set	270 Piece Set	9 mm

Contents: 70 pcs 8-12 mm, 70 pcs 10-16 mm, 70 pcs 12-22 mm, 30 pcs 16-27 mm, 30 pcs 16-27 mm.

ACE W1 Chimney Box Hose Clips

Band, housing and screw: zinc plated mild steel. DIN 3017.

7mm

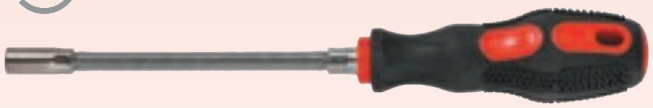
Part No.	Box of	Size No.	Range	Band Width
ACE1075	70	12 (000)	8-12 mm	9 mm
ACE1301	70	16 (M00)	10-16 mm	9 mm
ACE1302	70	22 (0)	12-22 mm	9 mm
ACE1528	30	27 (0X)	16-27 mm	9 mm

ACE W4 INOX Hose Clips

Band, housing and screw: 18/8 INOX (AISI 304/A2). DIN 3017.

7mm

Part No.	Pack of	Size No.	Range	Band Width
ACE4070	10	12 (000)	8-12 mm	9 mm
ACE4071	10	16 (M00)	10-16 mm	9 mm
ACE4072	10	22 (00 & 0)	12-22 mm	9 mm
ACE4073	10	27 (0X)	16-27 mm	9 mm
ACE4074	10	32 (1A)	20-32 mm	9 mm
ACE4075	10	35 (1)	23-35 mm	9 mm
ACE4076	10	40 (1X)	25-40 mm	9 mm
ACE4077	10	45 (1M)	30-45 mm	9 mm
ACE4078	10	50 (2A)	32-50 mm	9 mm
ACE4079	10	60 (2 & 2X)	40-60 mm	9 mm
ACE4080	10	70 (3)	50-70 mm	9 mm
ACE4081	10	80 (3X)	60-80 mm	9 mm
ACE4082	10	90 (4)	70-90 mm	9 mm
ACE4083	10	100 (4X)	80-100 mm	9 mm
ACE4084	10		90-110 mm	9 mm
ACE4085	10	120 (5)	100-120 mm	9 mm
ACE4086	10		110-130 mm	9 mm
ACE4087	10	140 (6)	120-140 mm	9 mm
ACE4096	10	27 (0X)	16-27 mm	12 mm
ACE4097	10	32 (1A)	20-32 mm	12 mm
ACE4098	10	35 (1)	23-35 mm	12 mm
ACE4099	10	40 (1X)	25-40 mm	12 mm
ACE4100	10	45 (1M)	30-45 mm	12 mm
ACE4101	10	50 (2A)	32-50 mm	12 mm
ACE4102	10	60 (2 & 2X)	40-60 mm	12 mm
ACE4103	10	70 (3)	50-70 mm	12 mm
ACE4104	10	80 (3X)	60-80 mm	12 mm
ACE4105	10	90 (4)	70-90 mm	12 mm
ACE4106	10	100 (4X)	80-100 mm	12 mm
ACE4107	10		90-110 mm	12 mm
ACE4108	10	120 (5)	100-120 mm	12 mm
ACE4109	10		110-130 mm	12 mm
ACE4110	10	140 (6)	120-140 mm	12 mm
ACE4111	10		130-150 mm	12 mm
ACE4112	10	160 (7)	140-160 mm	12 mm
ACE4113	10		150-170 mm	12 mm
ACE4114	10		160-180 mm	12 mm
ACE4115	10	190 (7 1/2)	170-190 mm	12 mm



ACE Hose Clip 7mm Nut Driver

Flexible for easy mounting. Ergonomic non-slip grip handle.
For all non-perforated clips and Miniclamp®.

7mm 7mm

Part No.	Qty	Hex Size	Length
ACE6020	1	7 mm	280 mm

ACE W4 INOX Handipack Assortment

Plastic box assortment. 18/8 INOX (AISI 304/A2). DIN 3017.
9 and 12 mm width non-perforated band.

7mm

Part No.	Qty	Description
ACE4223	1 Set	60 Piece Set

Contents: 10 pcs 08-12 mm, 20 pcs 10-16 mm, 12 pcs 12-22 mm, 12 pcs 16-27 mm, 6 pcs 25-40 mm.

ACE W4 INOX Hose Clip Dispenser Rack

100 hose clips dispenser. 100% 18/8 INOX (AISI 304/A2). DIN 3017.
9 and 12 mm width non-perforated band.

7mm

Part No.	Qty	Description
ACE4192	1 Set	100 Piece Set

Contents: 10 pcs per size; 08-12 mm, 10-16 mm, 12-22 mm, 16-27 mm, 20-32 mm, 23-35 mm, 25-40 mm, 30-45 mm, 32-50 mm, 40-60 mm.

ACE Colour Codes Guide

W1	Zinc Plated Mild Steel
W2	Stainless Steel
W4	INOX Stainless Steel

ACE W4
British Type INOX Hose Clips

Band, housing and screw: 18/8 INOX (AISI 304/A2).

Part No.	Pack of	Size No.	Range	Band Width
ACE4505	10	12 (000)	9.5-12 mm	10 mm
ACE4506	10	16 (M00)	11-16 mm	10 mm
ACE4507	10	20 (00))	13-20 mm	10 mm
ACE4508	10	22 (0)	16-22 mm	12 mm
ACE4509	10	27 (0X)	18-25 mm	12 mm
ACE4510	10	30 (1A)	22-30 mm	12 mm
ACE4511	10	35 (1)	25-35 mm	12 mm
ACE4512	10	40 (1X)	30-40 mm	12 mm
ACE4513	10	45 (1M)	32-45 mm	12 mm
ACE4514	10	50 (2A)	35-50 mm	12 mm
ACE4515	10	55 (2)	40-55 mm	12 mm
ACE4516	10	60 (2X)	45-60 mm	12 mm
ACE4517	10	70 (3)	55-70 mm	12 mm
ACE4520	10	80 (3X)	60-80 mm	12 mm
ACE4521	10	90 (4)	70-90 mm	12 mm
ACE4522	10	100 (4X)	85-100 mm	12 mm
ACE4523	10	120 (5)	90-120 mm	12 mm
ACE4524	10	140 (6)	110-140 mm	12 mm
ACE4525	10	165 (M00)	135-165 mm	12 mm

ACE W1
British Type Hose Clips

Band, housing and screw: zinc plated mild steel.

Part No.	Pack of	Size No.	Range	Band Width
ACE1806	10	12 (000)	9.5-12 mm	10 mm
ACE1807	10	16 (M00)	11-16 mm	10 mm
ACE1808	10	20 (00)	13-20 mm	10 mm
ACE1809	10	22 (0)	16-22 mm	12 mm
ACE1810	10	25 (0X)	18-25 mm	12 mm
ACE1811	10	30 (1A)	22-30 mm	12 mm
ACE1812	10	35 (1)	25-35 mm	12 mm
ACE1813	10	40 (1X)	30-40 mm	12 mm
ACE1814	10	45 (1M)	32-45 mm	12 mm
ACE1815	10	50 (2A)	35-50 mm	12 mm
ACE1816	10	55 (2)	40-55 mm	12 mm
ACE1817	10	60 (2X)	45-60 mm	12 mm
ACE1818	10	70 (3)	55-70 mm	12 mm
ACE1819	10	80 (3X)	60-80 mm	12 mm
ACE1820	10	90 (4)	70-90 mm	12 mm
ACE1821	10	100 (4X)	85-100 mm	12 mm
ACE1822	10	5 (120)	90-120 mm	12 mm
ACE1823	10	6 (140)	110-140 mm	12 mm
ACE1824	10	165 (7)	135-165 mm	12 mm

ACE W4
British Type INOX Hose Clip Dispenser

Band, housing and screw: 18/8 INOX (AISI 304/A2).

Part No.	Qty	Description
ACE4519	1 Set	100 Piece Set

Contents: 10 pcs per size; 9.5-12 mm, 11-16 mm, 13-20 mm, 16-22 mm, 18-25 mm, 22-30 mm, 25-35 mm, 30-40 mm, 35-50 mm, 45-60 mm.

ACE W1
British Type Hose Clip Dispenser

Band, housing and screw: zinc plated mild steel.

Part No.	Qty	Description
ACE1830	1 Set	100 Piece Set

Contents: 10 pcs per size; 9.5-12 mm, 11-16 mm, 13-20 mm, 16-22 mm, 18-25 mm, 22-30 mm, 25-35 mm, 30-40 mm, 35-50 mm, 45-60 mm.

ACE W1
Mini Clamps

Band, screw, nut: zinc plated mild steel.

Part No.	Pack of	Range	Band Width
ACE1234	10	7-9 mm	9 mm
ACE1235	10	8-10 mm	9 mm
ACE1236	10	9-11 mm	9 mm
ACE1237	10	10-12 mm	9 mm
ACE1238	10	11-13 mm	9 mm
ACE1239	10	12-14 mm	9 mm
ACE1240	10	13-15 mm	9 mm
ACE1241	10	14-16 mm	9 mm
ACE1242	10	15-17 mm	9 mm
ACE1243	10	16-18 mm	9 mm

Assorted Box of Mini Hose Clips

Part No.	Box of
AB102	100 Pieces

10 x Sizes (Ø Range): 7 - 9, 8 - 10, 9 - 11, 10 - 12, 11 - 13, 12 - 14, 13 - 15, 14 - 16, 15 - 17, 16 - 18 mm.

ACE W1
Mini Clamp Dispenser Rack

100 Miniclamp® dispenser.
Band, housing and screw: zinc plated mild steel.

Part No.	Qty	Description
ACE1657	1 Set	100 Piece Set

Contents: 10 pcs per size; 07-09 mm, 08-10 mm, 09-11 mm, 10-12 mm, 11-13 mm, 12-14 mm, 13-15 mm, 14-16 mm, 15-17 mm, 16-18 mm.

ACE W1
Mini Pipe Clips

Band: AISI 430. Housing and screw: Q195 steel.

Part No.	Pack of	Range
ACE1362	10	7-11 mm
ACE1363	10	10-19 mm

ACE W4
INOX Mini Clamps

Band, screw, nut: 18/8 INOX (AISI 304/A2).

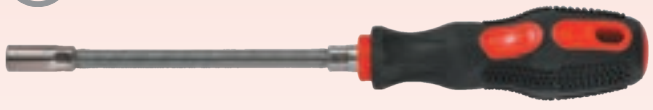
Part No.	Pack of	Range	Band Width
ACE4120	10	7-9 mm	9 mm
ACE4121	10	8-10 mm	9 mm
ACE4122	10	9-11 mm	9 mm
ACE4123	10	10-12 mm	9 mm
ACE4124	10	11-13 mm	9 mm
ACE4125	10	12-14 mm	9 mm
ACE4126	10	13-15 mm	9 mm
ACE4127	10	14-16 mm	9 mm
ACE4128	10	15-17 mm	9 mm
ACE4129	10	16-18 mm	9 mm
ACE4130	10	17-19 mm	9 mm
ACE4131	10	18-20 mm	9 mm
ACE4132	10	19-21 mm	9 mm
ACE4138	10	25-27 mm	9 mm

ACE W4
INOX Mini Clamp Dispenser Rack

100 Miniclamp® dispenser. 100% 18/8 INOX (AISI 304/A2).

Part No.	Qty	Description
ACE4193	1 Set	100 Piece Set

Contents: 10 pcs per size; 07-09 mm, 08-10 mm, 09-11 mm, 10-12 mm, 11-13 mm, 12-14 mm, 13-15 mm, 14-16 mm, 15-17 mm, 16-18 mm.



ACE Hose Clip 7mm Nut Driver

Flexible for easy mounting. Ergonomic non-slip grip handle. For all non-perforated clips and Miniclamp®.

Part No.	Qty	Hex Size	Length
ACE6020	1	7 mm	280 mm

ACE W1
Rubber Lined P-Clips

Zinc plated band. EPDM rubber. Double metal thickness at screw hole. DIN 3016.

Part No.	Pack of	Size	Band Width
ACE1769	50	5 mm	12 mm
ACE1770	50	6 mm	12 mm
ACE1771	50	8 mm	12 mm
ACE1772	50	10 mm	12 mm
ACE1774	50	13 mm	12 mm
ACE1776	50	16 mm	12 mm
ACE1779	50	21 mm	12 mm
ACE1782	50	25 mm	12 mm
ACE1785	50	29 mm	12 mm
ACE1789	50	35 mm	12 mm

ACE W1
O-Clips - 2-Ear Clamps

Zinc plated mild steel.

Part No.	Pack of	Range	Band Width
ACE1319	10	5-7 mm	6 mm
ACE1320	10	7-9 mm	7 mm
ACE1321	10	9-11 mm	7 mm
ACE1322	10	11-13 mm	7 mm
ACE1323	10	13-15 mm	7.5 mm
ACE1324	10	14-17 mm	7.5 mm
ACE1325	10	15-18 mm	7.5 mm
ACE1326	10	17-20 mm	7.5 mm
ACE1327	10	18-21 mm	7.5 mm
ACE1328	10	20-23 mm	9 mm
ACE1329	10	22-25 mm	9 mm
ACE1330	10	23-27 mm	9 mm

Assorted Box of
O-Clips - 2-Ear Clamps

Part No.	Box of
AB38	140 Pieces

6 x Sizes (Ø Range): 3/8" (8 - 11 mm), 7/16" (9 - 11 mm), 1/2" (11 - 13 mm), 9/16" (13 - 15 mm), 5/8" (15 - 18 mm), 3/4" (17 - 20 mm).

ACE Colour Codes Guide

W1	Zinc Plated Mild Steel
W2	Stainless Steel
W4	INOX Stainless Steel

ACE W1
T-Bolts

Band, screw, cylinders, flange: zinc plated mild steel. Solid head and screw cylinders. Hexagonal head.

Part No.	Pack of	Range	Bolt Size	Band Width
ACE1020	10	17-19 mm	5 mm	18 mm
ACE1021	10	20-22 mm	5 mm	18 mm
ACE1171	10	23-25 mm	5 mm	18 mm
ACE1172	10	26-28 mm	5 mm	18 mm
ACE1173	10	29-31 mm	6 mm	20 mm
ACE1174	10	32-35 mm	6 mm	20 mm
ACE1175	10	36-39 mm	6 mm	20 mm
ACE1176	10	40-43 mm	6 mm	20 mm
ACE1177	10	44-47 mm	6 mm	22 mm
ACE1178	10	48-51 mm	6 mm	22 mm
ACE1179	10	52-55 mm	6 mm	22 mm
ACE1180	10	56-59 mm	6 mm	22 mm
ACE1181	10	60-63 mm	6 mm	22 mm
ACE1182	10	64-67 mm	8 mm	22 mm
ACE1183	10	68-73 mm	8 mm	24 mm
ACE1184	10	74-79 mm	8 mm	24 mm
ACE1185	10	80-85 mm	8 mm	24 mm
ACE1186	10	86-91 mm	8 mm	24 mm
ACE1187	10	92-97 mm	8 mm	24 mm
ACE1189	10	104-112 mm	8 mm	24 mm
ACE1190	10	113-121 mm	8 mm	24 mm

ACE W1
T-Bolt Dispenser Rack

Band, screw, cylinders, flange: zinc plated mild steel. Solid head and screw cylinders. Hexagonal head.

Part No.	Qty	Description
ACE1309	1 Set	70 Piece Set

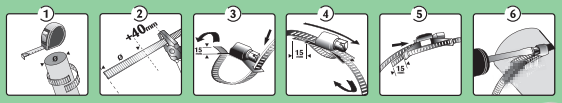
Contents: 5 pcs per size; 17-19 mm, 20-22 mm, 23-25 mm, 26-28 mm, 29-31 mm, 32-35 mm, 36-39 mm, 40-43 mm, 44-47 mm, 48-51 mm, 52-55 mm, 56-59 mm, 60-63 mm, 64-67 mm.

ACE W2
Stainless Steel T-Bolts

Screw: zinc plated mild steel.
Band and housing: 17C INOX (AISI 430). Hexagonal head.

Part No.	Pack of	Range	Bolt Size	Band Width
ACE2471	5	17-19 mm	5 mm	18 mm
ACE2472	5	20-22 mm	5 mm	18 mm
ACE2473	5	23-25 mm	5 mm	18 mm
ACE2474	5	26-28 mm	5 mm	18 mm
ACE2475	5	29-31 mm	6 mm	20 mm
ACE2476	5	32-35 mm	6 mm	20 mm
ACE2477	5	36-39 mm	6 mm	20 mm
ACE2478	5	40-43 mm	6 mm	20 mm
ACE2479	5	44-47 mm	6 mm	22 mm
ACE2480	5	48-51 mm	6 mm	22 mm
ACE2481	5	52-55 mm	6 mm	22 mm
ACE2482	5	56-59 mm	6 mm	22 mm
ACE2483	5	60-63 mm	6 mm	22 mm
ACE2484	5	64-67 mm	8 mm	22 mm
ACE2485	5	68-73 mm	8 mm	24 mm
ACE2486	5	74-79 mm	8 mm	24 mm
ACE2487	5	80-85 mm	8 mm	24 mm
ACE2488	5	86-91 mm	8 mm	24 mm
ACE2489	5	92-97 mm	8 mm	24 mm

Make Your Own Clips, To Your Measurements



ACE W2
Banding, Housings & Screws

Screw: zinc plated mild steel.
Non-perforated band and housing: 17C INOX (AISI 430).

Part No.	Qty	Description
ACE2314	1 Set	Banding System

Contents: 1 x 9 mm x 30 m band, 1 x pack of 30 housings and screws.

ACE W2
Banding Stainless Steel

Non-perforated band: 17C INOX (AISI 430).

Part No.	Qty	Length	Band Width
ACE2357	1	30 m	9 mm

ACE W2
Housings & Screws

Screw: zinc plated mild steel.
Housing: 17C INOX (AISI 430).

Part No.	Pack of	Description
ACE2358	30	Housings & Screws

ACE W4
INOX T-Bolts

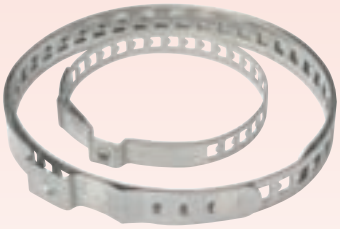
Band, screw, cylinders, flange: 18/8 INOX (AISI 304/A2).
Solid head and screw cylinders. Hexagonal head.

Part No.	Pack of	Range	Bolt Size	Band Width
ACE4219	5	17-19 mm	5 mm	18 mm
ACE4220	5	20-22 mm	5 mm	18 mm
ACE4040	5	23-25 mm	5 mm	18 mm
ACE4041	5	26-28 mm	5 mm	18 mm
ACE4042	5	29-31 mm	6 mm	20 mm
ACE4043	5	32-35 mm	6 mm	20 mm
ACE4044	5	36-39 mm	6 mm	20 mm
ACE4045	5	40-43 mm	6 mm	20 mm
ACE4046	5	44-47 mm	6 mm	22 mm
ACE4047	5	48-51 mm	6 mm	22 mm
ACE4048	5	52-55 mm	6 mm	22 mm
ACE4049	5	56-59 mm	6 mm	22 mm
ACE4050	5	60-63 mm	6 mm	22 mm
ACE4051	5	64-67 mm	8 mm	22 mm
ACE4052	5	68-73 mm	8 mm	24 mm
ACE4053	5	74-79 mm	8 mm	24 mm
ACE4054	5	80-85 mm	8 mm	24 mm
ACE4055	5	86-91 mm	8 mm	24 mm
ACE4056	5	92-97 mm	8 mm	24 mm
ACE4057	1	98-103 mm	8 mm	24 mm
ACE4058	1	104-112 mm	8 mm	24 mm

ACE W4
Universal CV Boot Clips

18/8 INOX (AISI 304/A2).

Part No.	Pack of	Range	Band Width
ACE4907	100	20-45 mm	6.4 mm
ACE4908	100	45-120 mm	8 mm



ACE W4
Universal CV Boot Clip Kit

18/8 INOX (AISI 304/A2).

Part No.	Pack of
ACE4579	1 Kit

Contents: 1x 20-45 mm, 1x 45-120 mm

JCS 'Hi-Grip' Hose Clips

Mild steel zinc plated. 12.5 mm (*9.5 mm) band width.
Kite marked to BS 5315 : 1991.

Part No.	Pack of	Size No.	Range	
JCS000	30	12*	9.5 - 12 mm	3/8" - 1/2"
JCSM00	30	16*	11 - 16 mm	1/2" - 5/8"
JCS00	30	20*	13 - 20 mm	1/2" - 3/4"
JCS0	30	22	14 - 22 mm	5/8" - 7/8"
JCS0X	20	25	17 - 25 mm	3/4" - 1"
JCS1A	20	30	22 - 30 mm	7/8" - 1 1/8"
JCS1	20	35	25 - 35 mm	1" - 1 3/8"
JCS1X	20	40	30 - 40 mm	1 1/8" - 1 5/8"
JCS245	20	45	35 - 45 mm	1 3/8" - 1 3/4"
JCS2A	20	50	35 - 50 mm	1 3/8" - 2"
JCS2	20	55	40 - 55 mm	1 5/8" - 2 1/8"
JCS2X	20	60	45 - 60 mm	1 3/4" - 2 3/8"
JCS3	20	70	55 - 70 mm	2 1/8" - 2 3/4"
JCS3X	20	80	60 - 80 mm	2 3/8" - 3 1/8"
JCS4	20	90	70 - 90 mm	2 3/4" - 3 1/2"
JCS4X	20	100	80 - 100 mm	3 1/8" - 4"
JCS5	10	120	90 - 120 mm	3 1/2" - 4 3/4"
JCS6	10	140	110 -140 mm	4 3/8" - 5 1/2"
JCS7	10	160	130 -160 mm	5 1/8" - 6 1/4"

Assorted Pack of JCS 'Hi-Grip' Hose Clips - Large Sizes

Mild steel zinc plated. 12.5 mm band width.
Kite marked to BS 5315 : 1991.

Part No.	Pack of
JCS24	24 Pieces

8 x Sizes: 60, 70, 80, 90, 100, 120, 140, 160.

Assorted Pack of JCS 'Hi-Grip' Hose Clips - Small Sizes

Mild steel zinc plated. 12.5 mm (9.5 mm) band width.
Kite marked to BS 5315 : 1991.

Part No.	Pack of
JCS50	50 Pieces

8 x Sizes: 12*, 16*, 20*, 22, 25, 30, 35, 40, 50.

JCS 'Hi-Grip' Hose Clips - Boxed

Mild steel zinc plated.
12.5 mm (*9.5 mm) band width.
Kite marked to BS 5315 : 1991.

Part No.	Box of	Size No.	Range	Range
JCX000	10	12*	9.5 - 12 mm	3/8" - 1/2"
JCXM00	10	16*	11 - 16 mm	1/2" - 5/8"
JCX00	10	20*	13 - 20 mm	1/2" - 3/4"
JCX0	10	22	14 - 22 mm	5/8" - 7/8"
JCX0X	10	25	17 - 25 mm	3/4" - 1"
JCX1A	10	30	20 - 30 mm	7/8" - 1 1/8"
JCX1	10	35	25 - 35 mm	1" - 1 3/8"
JCX1X	10	40	30 - 40 mm	1 1/8" - 1 5/8"
JCX245	10	45	35 - 45 mm	1 3/8" - 1 3/4"
JCX2A	10	50	35 - 50 mm	1 3/8" - 2"
JCX2	10	55	40 - 55 mm	1 5/8" - 2 1/8"
JCX2X	10	60	45 - 60 mm	1 3/4" - 2 3/8"
JCX3	10	70	55 - 70 mm	2 1/8" - 2 3/4"

JCS 'Hi-Grip' Hose Clips Dispenser with 100 Clips

Mild steel zinc plated.
12.5 mm (*9.5 mm) band width.
Kite marked to BS 5315 : 1991.

Part No.	Description
JCS100	100 Piece Set

10 x Sizes: 12*, 16*, 20*, 22, 25, 30, 35, 40, 45, 50.
1 x Flexible hose clip driver: 7 mm Hex.

JCS 'Hi-Grip' Hose Clips Dispenser with 160 Clips

Mild steel zinc plated.
12.5 mm (*9.5 mm) band width.
Kite marked to BS 5315 : 1991.

Part No.	Description
JCS160	160 Piece Set

16 x Sizes: 12*, 16*, 20*, 22, 25, 30, 35, 40, 45, 50, 55, 60, 70, 80, 90, 100.
1 x Flexible hose clip driver: 7 mm Hex.

JCS 'Hi-Grip' 304 Stainless Steel (A2) Hose Clips

Made entirely from 18/8 marine quality stainless steel with Lloyds Register Approval.
12.5 mm (*9.5 mm) band width. Kite marked to BS 5315 : 1991.

- **Ideal for salt water and other highly corrosive environments**

Part No.	Pack of	Size No.	Range	
JSS000	10	12*	9.5 - 12 mm	3/8" - 1/2"
JSSM00	10	16*	11 - 16 mm	1/2" - 5/8"
JSS00	10	20*	13 - 20 mm	1/2" - 3/4"
JSS0	10	22	14 - 22 mm	5/8" - 7/8"
JSS0X	10	25	17 - 25 mm	3/4" - 1"
JSS1A	10	30	22 - 30 mm	7/8" - 1 1/8"
JSS1	10	35	25 - 35 mm	1" - 1 3/8"
JSS1X	10	40	30 - 40 mm	1 1/8" - 1 5/8"
JSS245	10	45	35 - 45 mm	1 3/8" - 1 3/4"
JSS2A	10	50	35 - 50 mm	1 3/8" - 2"
JSS2	10	55	40 - 55 mm	1 5/8" - 2 1/8"
JSS2X	10	60	45 - 60 mm	1 3/4" - 2 3/8"
JSS3	10	70	55 - 70 mm	2 1/8" - 2 3/4"
JSS3X	5	80	60 - 80 mm	2 3/8" - 3 1/8"
JSS4	5	90	70 - 90 mm	2 3/4" - 3 1/2"
JSS4X	5	100	80 - 100 mm	3 1/8" - 4"
JSS5	5	120	90 - 120 mm	3 1/2" - 4 3/4"
JSS6	5	140	110 - 140 mm	4 3/8" - 5 1/2"
JSS7	5	160	130 - 160 mm	5 1/8" - 6 1/4"

JCS Rubber Lined P-Clips

Hole Dia 6 mm. Mild steel, zinc plated.
EPDM rubber lined to prevent chafing caused by vibration.

Part No.	Pack of	Size
EAC105	50	5 mm
EAC106	50	6 mm
EAC108	50	8 mm
EAC110	50	10 mm
EAC113	50	13 mm
EAC116	50	16 mm
EAC121	50	21 mm
EAC125	50	25 mm
EAC129	50	29 mm
EAC135	50	35 mm
EAC138	50	38 mm
EAC144	25	44 mm
EAC148	25	48 mm
EAC152	25	52 mm
EAC160	25	60 mm

Assorted Pack of JCS Rubber Lined P-Clips

Hole Dia 6 mm. Mild steel, zinc plated.
EPDM rubber lined to prevent chafing caused by vibration.

Part No.	Pack of
EAC100	60 Pieces

5 x Sizes: 6, 21, 29, 35 mm. 10 x Sizes: 8, 10, 13, 16 mm.

OETIKER PG159 CV Boot Clamps

304 stainless steel.

- **Simple and fast installation - visible deformation provides evidence of proper closure**

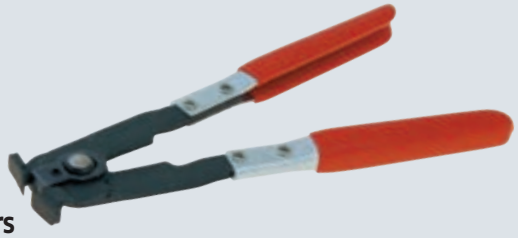
Part No.	Pack of	Size	Range	Width × Thickness
HCV10	10	Small	25 - 50 mm	7.0 x 0.8 mm
HCV20	10	Large	40 - 110 mm	7.0 x 0.8 mm

CV Boot Metal Clamps

Stainless steel.

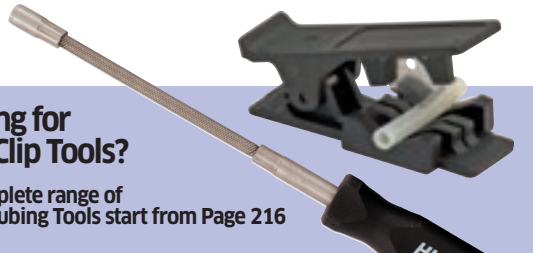
Part No.	Pack of	Size	Range
HCV1	20	Small	19 - 40 mm
HCV2	20	Large	50 - 110 mm

CV Boot Clamp Pliers



Part No.	Qty	Description
TL928	1	CV Boot Clamp Pliers

Looking for Hose Clip Tools?



Our complete range of Hose + Tubing Tools start from Page 216

JUBILEE Hose Clips

Mild steel zinc plated. 13 mm (*9 mm) band width.
Kite marked to BS 5315 : 1991.

Part No.	Pack of	Size No.	Range	
JUB000N	25	000* (12)	9.5 - 12 mm	3/8" - 1/2"
JUBM00N	25	M00* (16)	11 - 16 mm	1/2" - 5/8"
JUB00N	25	00* (20)	13 - 20 mm	1/2" - 3/4"
JUB0N	25	0 (22)	16 - 22 mm	5/8" - 7/8"
JUB0XN	25	0X (25)	18 - 25 mm	3/4" - 1"
JUB1AN	25	1A (30)	22 - 30 mm	7/8" - 1 1/8"
JUB1N	25	1 (35)	25 - 35 mm	1" - 1 3/8"
JUB1XN	25	1X (40)	30 - 40 mm	1 1/8" - 1 5/8"
JUB1MN	25	1M	32 - 45 mm	1 1/4" - 1 3/4"
JUB2AN	25	2A (50)	35 - 50 mm	1 3/8" - 2"
JUB2N	25	2 (55)	40 - 55 mm	1 5/8" - 2 1/8"
JUB2XN	25	2X (60)	45 - 60 mm	1 3/4" - 2 3/8"
JUB3N	25	3 (70)	55 - 70 mm	2 1/8" - 2 3/4"
JUB3XN	10	3X (80)	60 - 80 mm	2 3/8" - 3 1/8"
JUB4N	10	4 (90)	70 - 90 mm	2 3/4" - 3 1/2"
JUB4XN	10	4X (100)	80 - 100 mm	3 1/4" - 4"
JUB5	10	5 (120)	90 - 120 mm	3 3/4" - 4 3/4"
JUB6N	5	6 (140)	110 - 140 mm	4 1/4" - 5 1/2"
JUB7N	5	7	135 - 165 mm	5 1/4" - 6 1/2"

Assorted Pack of JUBILEE Hose Clips - Small Sizes

Mild steel zinc plated. 13 mm (*9 mm) band width.
Kite marked to BS 5315 : 1991.

Part No.	Pack of	Description
JUB50	50 Pieces	Small Sizes

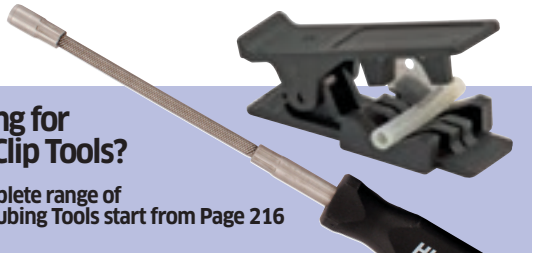
10 x Sizes: 000*, M00*, 00*, 0, 0X, 1A, 1, 1X, 2A, 2.

Assorted Pack of JUBILEE Hose Clips - Large Sizes

Mild steel zinc plated. 13 mm band width.
Kite marked to BS 5315 : 1991.

Part No.	Pack of	Description
JUB25	25 Pieces	Large Sizes

5 x Sizes: 2X, 3, 3X, 4, 4X.



Looking for Hose Clip Tools?

Our complete range of Hose + Tubing Tools start from Page 216

JUBILEE Hose Clips In Branded Boxes

Mild steel zinc plated.
Kite marked to BS 5315 : 1991.

Part No.	Box of	Size No.	Range	
JUX000	10	000* (12)	9.5 - 12 mm	3/8" - 1/2"
JUXM00	10	M00* (16)	11 - 16 mm	1/2" - 5/8"
JUX00	10	00* (20)	13 - 20 mm	1/2" - 3/4"
JUX0	10	0 (22)	16 - 22 mm	5/8" - 7/8"
JUX0X	10	0X (25)	18 - 25 mm	3/4" - 1"
JUX1A	10	1A (30)	22 - 30 mm	7/8" - 1 1/8"
JUX1	10	1 (35)	25 - 35 mm	1" - 1 3/8"
JUX1X	10	1X (40)	30 - 40 mm	1 1/8" - 1 5/8"
JUX1M	10	1M	32 - 45 mm	1 1/4" - 1 3/4"
JUX2A	10	2A (50)	35 - 50 mm	1 3/8" - 2"
JUX2	10	2 (55)	40 - 55 mm	1 5/8" - 2 1/8"
JUX2X	10	2X (60)	45 - 60 mm	1 3/4" - 2 3/8"
JUX3	10	3 (70)	55 - 70 mm	2 1/8" - 2 3/4"

JUBILEE Hose Clips In Branded Boxes In A Handypack Dispenser

Mild steel zinc plated.
13 mm (*9 mm) band width.
Kite marked to BS 5315 : 1991.

Part No.	Qty	Description
JUX100	1 Set	100 Piece Set

10 x Sizes: 000*, M00*, 00*, 0, 0X, 1A, 1, 1X, 1M, 2A.

JUBILEE Hose Clips Dispenser with 100 Clips and 3 x Hose Clip Drivers

Mild steel zinc plated. 13 mm (*9 mm) band width.
Kite marked to BS 5315 : 1991.

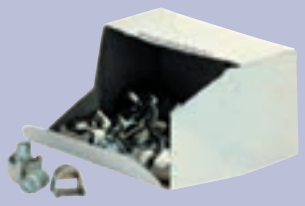
Part No.	Qty	Description
JUB100	1 Set	101 Piece Set

10 x Sizes: 000*, M00*, 00*, 0, 0X, 1A, 1, 1X, 2A, 2. 3 x Flexible hose clip driver: 7 mm Hex.

JUBILEE 'Multiband' Mild Steel Banding

Zinc plated. 11 mm band width (steel screws/housings not included).

Part No.	Qty	Length
JUM10	1	10 m Coil
JUM30	1	30 m Coil



JUBILEE 'Multiband' Mild Steel Screws/Housings

Zinc plated. Suits 11 mm 'Multiband'.

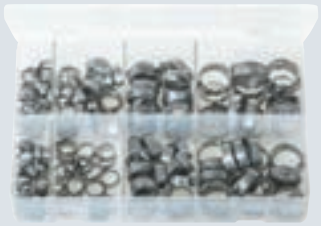
Part No.	Pack of	Head Type
JUS1	25	Slotted Head
JUS2	25	Hex Head

OETIKER '167' O-Clips - Single Ear Clamps

Stainless steel. DIN 1.4301 / UNS S30400.

- 360° stepless® design - No steps or gaps in the inner circumference.
- Smooth edged steel prevents damage to hose.

Part No.	Pack of	Range	Width x Thickness
OC11	25	7.0 - 8.7 mm	5 x 0.5 mm
OC12	25	8.3 - 10.0 mm	5 x 0.5 mm
OC13	25	9.6 - 11.3 mm	7 x 0.6 mm
OC14	25	11.3 - 13.8 mm	7 x 0.6 mm
OC15	25	13.2 - 15.7 mm	7 x 0.6 mm
OC16	25	15.3 - 18.5 mm	7 x 0.6 mm
OC17	25	17.8 - 21.0 mm	7 x 0.6 mm
OC18	25	19.4 - 22.6 mm	7 x 0.6 mm



Assorted Box of OETIKER '167' O-Clips - Single Ear Clamps

Stainless steel. DIN 1.4301 / UNS S30400.

Part No.	Box of
AB144	160 Pieces

8 x Size Ranges: 7.0 - 8.5 mm, 8.5 - 10.0 mm, 9.8 - 11.8 mm, 11.8 - 3.8 mm, 13.2 - 15.8 mm, 15.6 - 17.8 mm, 17.1 - 20.0 mm, 20.2 - 22.8 mm.

ACE W1 O-Clips - 2-Ear Clamps

Zinc plated mild steel.

Part No.	Pack of	Range	Band Width
ACE1319	10	5-7 mm	6 mm
ACE1320	10	7-9 mm	7 mm
ACE1321	10	9-11 mm	7 mm
ACE1322	10	11-13 mm	7 mm
ACE1323	10	13-15 mm	7.5 mm
ACE1324	10	14-17 mm	7.5 mm
ACE1325	10	15-18 mm	7.5 mm
ACE1326	10	17-20 mm	7.5 mm
ACE1327	10	18-21 mm	7.5 mm
ACE1328	10	20-23 mm	9 mm
ACE1329	10	22-25 mm	9 mm
ACE1330	10	23-27 mm	9 mm

Assorted Box of O-Clips - 2-Ear Clamps

Zinc plated steel.

Part No.	Box of
AB38	140 Pieces

6 x Sizes (Ø Range): 3/8" (8 - 11 mm), 7/16" (9 - 11 mm), 1/2" (11 - 13 mm), 9/16" (13 - 15 mm), 5/8" (15 - 18 mm), 3/4" (17 - 20 mm).

Looking for O-Clip Tools?

Our complete range of Hose + Tubing Tools are overleaf on Page 216

ACE Hose Clip 7mm Nut Driver

Flexible for easy mounting. Ergonomic non-slip grip handle. For all non-perforated clips and Miniclamp®.

Part No.	Qty	Hex Size	Length
ACE6020	1	7 mm	280 mm

JCS 'Hi-Grip' Flexible Hose Clip Driver

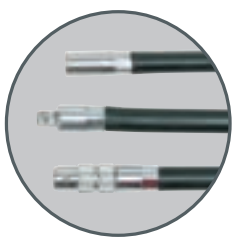
Flexible shaft.

Part No.	Qty	Hex Size	Shaft Length
TL923	1	7 mm Hex	170 mm

KS TOOLS 'ERGOTORQUE®' Extra Long Flexible Hose Clip Driver

Ergonomic non-slip 2 component handle.

Part No.	Qty	Size	Length
K911.1177	1	7 mm Hex	500 mm



KS TOOLS 'ERGOTORQUE®' Extra Long Flexible Screwdriver Set

Ergonomic non-slip 2 component handle. 500 mm long.

Part No.	Qty	Description
K911.1180	1 Set	16 Piece Set

1 x Hose clip driver, flexible: 7 mm Hex x 500 mm. 1 x Screwdriver, flexible: For 1/4" sockets x 500 mm. 3 x Sockets 1/4": 5, 6, 8 mm. 1 x Screwdriver, flexible: For 1/4" bits x 500 mm. 10 x Bits 1/4", 25 mm: 6 x TORX®: T10, T15, T20, T25, T27, T30. 2 x PHILLIPS®: PH 1, PH 2. 2 x Slotted: 5.5, 6.5 mm.

OETIKER O-Clip Hand Installation Pincers with Side Jaw

High quality design compound action pincer with side jaw. Length: 225 mm. Opening Gap: 16.5mm. Jaw Width: 8 mm

Part No.	Qty	Description
TL9240	1	O-Clip Hand Installation Pliers

O-Clip Crimping Tool

Front closing type.

Part No.	Qty	Description
TL9241	1	O-Clip Crimping Tool

NWS 'Clic' & 'Clic R' Type Hose Clip Pliers

Tool steel, drop-forged and oil-hardened. Spring opening jaws.

Part No.	Qty	Length	
TL258	1	175 mm	(7")

CV Boot Clamp Pliers

Part No.	Qty	Description
TL928	1	CV Boot Clamp Pliers

KS TOOLS Spring Pipe Clips Hose Clamp Pliers

Bowden cable 650 mm with ratchet locking mechanism.

- **For difficult to reach clamps, e.g. cooling system hoses.**
- **Ratchet locking mechanism to hold the clamps open.**

Part No.	Qty	Description
K115.1041	1	Spring Pipe Clip Pliers

Tube Cutter - Heavy Duty

For nylon tubing.

Part No.	Qty	Capacity Ø	
TL905	1	3 - 25 mm	(1/8" - 1")

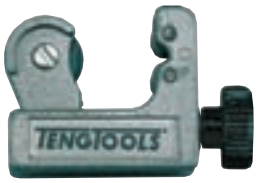
Mini Pipe/ Tube Cutter

For copper and brass pipe/tubing.

- **For use in confined spaces.**

Part No.	Qty	Capacity Ø	
TL907	1	3 - 16 mm	(1/8" - 5/8")

TENGTOOLS



TENG TOOLS Mini Pipe/Tube Cutter

For copper and brass pipe.

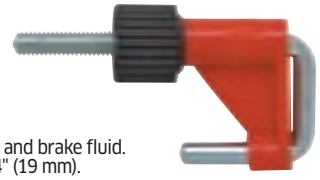
Part No.	Qty	Capacity Ø	
TTF22	1	3 - 22 mm	(1/8" - 7/8")

TENGTOOLS

TENG TOOLS Pipe/Tube Cutter

For copper and brass pipe/tubing.
Heavy duty with spare blade & retractable reamer.

Part No.	Qty	Capacity Ø	
TTF30	1	3 - 32 mm	(1/8" - 1 1/4")



Hose Clamp

For shutting off petrol, water and brake fluid.
Maximum hose diameter: 3/4" (19 mm).

Part No.	Qty	Description
TL909	1	Hose Clamp

Radiator Hose Clamp Pliers

Eliminates the need to drain complete cooling system when servicing any part of the system. Also useful for clamping vacuum lines.

Part No.	Qty	Description
TNH160	1	Hose Clamp Pliers

Tube Cutter

For nylon tubing.

Part No.	Qty	Capacity Ø	
TL906	1	Up to 12 mm	(1/2")

Speedfit

JG 'Speedfit' Push-Fit Tube Coupling Locking/Release Tools

Suits most types of plastic push-fit tube couplings.
Supplied on a holding ring.

Part No.	Qty	Description
TC99	1 Set	5 Piece Set

5 x Sizes: 3/16", 1/4", 5/16", 3/8", 1/2"

Quick-Fit Tube Couplings Locking/Release Spanners

Suits most types of plastic push-fit tube couplings.

Part No.	Qty	Description
TCX99	1 Set	5 Piece Set

5 x Sizes: 3/16" (5 mm), 1/4" (6 mm), 5/16" (8 mm), 3/8" (10 mm, 1/2" (13 mm).

KS TOOLS GERMANY

KS TOOLS Fuel Pipe Pliers Set

For opening the compression coupling on fuel pipes. Blue and green pliers for the fuel pipe, where the compression coupling is connected (removing the coupling at the front side). Red pliers with two noses 6. 5 x 6 mm for fuel pipes e.g. GM/ VAUXHALL (removing the coupling at the side).

Part No.	Qty	Description
K115.1090	1 Set	3 Piece Set

Applications incl.: CHRYSLER, CHEVROLET, CITROËN, FIAT, FORD, PEUGEOT, PONTIAC, RENAULT, VAUXHALL, VW, etc.

Speedfit

JG 'Speedfit' Push-Fit Tube Couplings - Straights, Metric

Plastic. Black.

Part No.	Pack of	Size
TC26	10	4 mm
TC27	10	5 mm
TC28	10	6 mm
TC29	10	8 mm
TC30	5	10 mm
TC31	5	12 mm
TC56	5	15 mm

Assorted Box of JG 'Speedfit' Push-Fit Tube Couplings - Straights, Metric

Plastic. Black.

Part No.	Box of
AB97N	22 Pieces

6 x Sizes: 4, 5, 6, 8, 10, 12 mm.

Speedfit

JG 'Speedfit' Push-Fit Tube Couplings - Equal Tees, Metric

Plastic. Black.

Part No.	Pack of	Size
TC50	10	4 mm
TC51	10	5 mm
TC52	10	6 mm
TC53	10	8 mm
TC54	5	10 mm
TC55	5	12 mm

Assorted Box of JG 'Speedfit' Push-Fit Tube Couplings - Elbows & Tees, Metric

Plastic. Black.

Part No.	Box of
AB99	17 Pieces

4 x Tees: 6, 8, 10, 12 mm. 4 x Elbows: 6, 8, 10, 12 mm.

Speedfit

JG 'Speedfit' Push-Fit Tube Couplings - Straights, Imperial

Plastic. Grey.

Part No.	Pack of	Size
TC20	10	5/32"
TC21	10	3/16"
TC22	10	1/4"
TC23	10	5/16"
TC24	5	3/8"
TC25	5	1/2"

Speedfit

JG 'Speedfit' Push-Fit Tube Couplings - Equal Tees, Imperial

Plastic. Grey.

Part No.	Pack of	Size
TC44	10	5/32"
TC45	10	3/16"
TC46	10	1/4"
TC47	10	5/16"
TC48	5	3/8"
TC49	5	1/2"

KS TOOLS GERMANY

KS TOOLS Fuel Pipe Pliers Set

For opening the compression coupling on fuel pipes. Blue and green pliers for the fuel pipe, where the compression coupling is connected (removing the coupling at the front side). Red pliers with two noses 6. 5 x 6 mm for fuel pipes e.g. GM/ VAUXHALL (removing the coupling at the side).

Part No.	Qty	Description
K115.1090	1 Set	3 Piece Set

Applications incl.: CHRYSLER, CHEVROLET, CITROËN, FIAT, FORD, PEUGEOT, PONTIAC, RENAULT, VAUXHALL, VW, etc.

Speedfit

JG 'Speedfit' Push-Fit Tube Couplings - Elbows, Metric

Plastic. Black.

Part No.	Pack of	Size
TC40	10	6 mm
TC41	10	8 mm
TC42	5	10 mm
TC43	5	12 mm

Assorted Box of JG 'Speedfit' Push-Fit Tube Couplings - Elbows & Tees, Metric

Plastic. Black.

Part No.	Box of
AB99	17 Pieces

4 x Tees: 6, 8, 10, 12 mm. 4 x Elbows: 6, 8, 10, 12 mm.

Speedfit

JG 'SuperThread' Fitting - Straight Adaptors

Brass. Unique integral seal ensures the thread can be used with BSP, BSPT, NPT, PF and PT fittings.

- **No sealant need be applied.**
- **No danger of tape entering the system.**
- **Superior flow characteristics.**

Part No.	Pack of	Tube O.D.	SuperThread
TC300	10	4 mm	x 1/8" BSP
TC301	10	4 mm	x 1/4" BSP
TC303	10	5 mm	x 1/4" BSP
TC304	10	6 mm	x 1/8" BSP
TC305	10	6 mm	x 1/4" BSP
TC306	10	8 mm	x 1/8" BSP
TC307	10	8 mm	x 1/4" BSP
TC308	10	8 mm	x 3/8" BSP
TC309	10	10 mm	x 1/4" BSP
TC310	10	10 mm	x 3/8" BSP
TC311	10	10 mm	x 1/2" BSP
TC312	10	12 mm	x 3/8" BSP
TC313	10	12 mm	x 1/2" BSP

Speedfit

JG 'Speedfit' Push-Fit Tube Couplings - Reducing Straights, Metric

Plastic. Black.

Part No.	Pack of	Reducing Size
TC90	5	6 - 4 mm
TC91	5	8 - 6 mm
TC92	5	10 - 8 mm
TC93	5	12 - 10 mm

Speedfit

JG 'Speedfit' Push-Fit Tube Couplings - Reducing Adaptors, Metric

Plastic. Black.

Part No.	Pack of	Reducing Size
TC66	10	6 - 4 mm
TC68	10	8 - 6 mm
TC70	10	10 - 8 mm
TC72	10	12 - 10 mm

Speedfit

JG 'Speedfit' Push-Fit Tube Couplings - Plugs

Plastic. Red.

Part No.	Pack of	Stem O.D.
TC74	10	4 mm
TC76	10	6 mm
TC78	10	8 mm
TC80	10	10 mm
TC82	10	12 mm

Speedfit

JG 'Speedfit' Push-Fit Tube Coupling Locking/Release Tools

Suits most types of plastic push-fit tube couplings. Supplied on a holding ring.

Part No.	Qty	Description
TC99	1 Set	5 Piece Set

5 x Sizes: 3/16", 1/4", 5/16", 3/8", 1/2"

Quick-Fit Tube Couplings - Straights, Metric

Plastic. Black.

Part No.	Pack of	Size
TCX26	10	4 mm
TCX27	10	5 mm
TCX28	10	6 mm
TCX29	10	8 mm
TCX30	5	10 mm
TCX31	5	12 mm
TCX56	5	15 mm

Assorted Box of Quick-Fit Couplings - Straights, Metric

Plastic, Black.

Part No.	Box of
AB187	24 Pieces

6 x Sizes: 4, 5, 6, 8, 10, 12 mm.

Quick-Fit Tube Couplings - Straights, Imperial

Plastic. Grey.

Part No.	Pack of	Size
TCX20	10	5/32"
TCX21	10	3/16"
TCX22	10	1/4"
TCX23	10	5/16"
TCX24	5	3/8"
TCX25	5	1/2"

Quick-Fit Tube Couplings - Two Way Dividers, Metric

Plastic. Black.

Part No.	Pack of	Size
TCX114	5	4 mm
TCX116	5	6 mm
TCX118	5	8 mm
TCX120	5	10 mm
TCX122	5	12 mm

Quick-Fit Tube Couplings - Equal Tees, Metric

Plastic. Black.

Part No.	Pack of	Size
TCX50	10	4 mm
TCX51	10	5 mm
TCX52	10	6 mm
TCX53	10	8 mm
TCX54	5	10 mm
TCX55	5	12 mm

Quick-Fit Tube Couplings - Elbows, Metric

Plastic. Black.

Part No.	Pack of	Size
TCX104	10	4 mm
TCX105	10	5 mm
TCX40	10	6 mm
TCX41	10	8 mm
TCX42	5	10 mm
TCX43	5	12 mm

Assorted Box of Quick-Fit Couplings - Elbows + Tees, Metric

Plastic, Black.

Part No.	Box of
AB188	17 Pieces

4 x Tees: 6, 8, 10, 12 mm. 4 x Elbows: 6, 8, 10, 12 mm.

Quick-Fit Tube Couplings Locking/Release Spanners

Suits most types of plastic push-fit tube couplings.

Part No.	Qty	Description
TCX99	1 Set	5 Piece Set

5 x Sizes: 3/16" (5 mm), 1/4" (6 mm), 5/16" (8 mm), 3/8" (10 mm, 1/2" (13 mm).

NORGREN

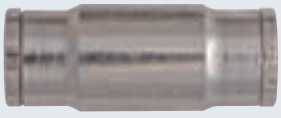
NORGREN 'Fleetfit' Brass Push-In Fittings with Tube Supports

Meets DOT FMVSS 106, SAE J1131, DIN 74324 and TÜV requirements.

Part No.	Pack of	Size
TC206	5	6 mm
TC208	5	8 mm
TC209	3	9 mm
TC210	3	10 mm
TC211	3	11 mm
TC212	3	12 mm

Brass Push-Fit Tube Couplings - Equal Tee, Metric

Part No.	Pack of	Size
TC124	3	4 mm
TC125	3	5 mm
TC126	3	6 mm
TC128	3	8 mm
TC130	1	10 mm
TC132	1	12 mm



Brass Push-Fit Tube Couplings - Straight, Metric

Part No.	Pack of	Size
TC104	5	4 mm
TC105	5	5 mm
TC106	5	6 mm
TC108	5	8 mm
TC110	3	10 mm
TC112	3	12 mm

Assorted Box of Brass Push-Fit Couplings - Straights, Metric

Part No.	Box of
AB189	18 Pieces

6 x Sizes: 4, 5, 6, 8, 10, 12 mm.

Brass Tube Couplings - Imperial

Complete with stepped olives. NOT suitable for diesel.

Part No.	Pack of	Size
TC1	10 Sets	1/8"
TC2	10 Sets	5/32"
TC3	10 Sets	3/16"
TC4	10 Sets	1/4"
TC5	10 Sets	5/16"
TC6	10 Sets	3/8"
TC7	10 Sets	1/2"
TC8	10 Sets	5/8"

Brass Tube Couplings - Metric

Complete with stepped olives. NOT suitable for diesel.

Part No.	Pack of	Size
TC9	10 Sets	4 mm
TC10	10 Sets	5 mm
TC11	10 Sets	6 mm
TC12	10 Sets	8 mm
TC15	10 Sets	9 mm
TC13	10 Sets	10 mm
TC16	10 Sets	11 mm
TC14	10 Sets	12 mm
TC17	10 Sets	13 mm
TC19	10 Sets	14 mm

Assorted Box of Tube Couplings Brass - Metric

Part No.	Box of
AB95N	27 Pieces

6 x Sizes: 4, 5, 6, 8, 10, 12 mm.

Assorted Box of Olives Stepped - Metric

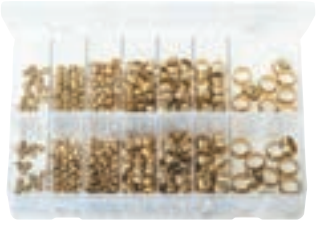
Part No.	Box of
AB111N	185 Pieces

6 x Sizes: 4, 5, 6, 8, 10, 12 mm.

Assorted Box of Olives Stepped & Barrel - Imperial

Part No.	Box of
AB64N	450 Pieces

7 x Stepped: 1/8", 5/32", 3/16", 1/4", 5/16", 3/8", 1/2".
7 x Barrel: 1/8", 5/32", 3/16", 1/4", 5/16", 3/8", 1/2".



Malleable Iron Pipe Fitting - Female Equal Elbow 90° (90)

BS EN 10242. Class B. Black finish

Part No.	Qty	BSPP Thread Size
TC544	5	1/4"
TC545	5	3/8"
TC546	5	1/2"
TC540	2	3/4"
TC541	2	1"
TC542	1	1 1/4"
TC547	1	1 1/2"
TC543	1	2"

Malleable Iron Pipe Fitting - Female Equal Tee 90° (130)

BS EN 10242. Class B. Black finish

Part No.	Qty	BSPP Thread Size
TC564	2	3/8"
TC565	2	1/2"
TC560	2	3/4"
TC561	2	1"
TC563	1	1 1/2"
TC562	1	2"

Malleable Iron Pipe Fitting - Reducing Hex Bush (241)

BS EN 10242. Class B. Black finish

Part No.	Qty	BSPT : BSPP Thread Size	Type
TC525	5	3/8" : 1/4"	M : F
TC526	5	1/2" : 3/8"	M : F
TC522	5	3/4" : 1/2"	M : F
TC524	2	1" : 3/4"	M : F
TC520	2	1 1/2" : 1"	M : F
TC523	1	2" : 1"	M : F
TC521	1	2" : 1 1/2"	M : F

Malleable Iron Pipe Fitting - Square Hollow Plug (290)

BS EN 10242. Class B. Black finish

Part No.	Qty	BSPT Thread Size
TC556	5	1/8"
TC558	5	1/4"
TC557	5	3/8"
TC550	5	1/2"
TC551	5	3/4"
TC552	5	1"
TC553	2	1 1/4"
TC554	2	1 1/2"
TC555	1	2"

Malleable Iron Pipe Fitting - Equal Hex Nipple (280)

BS EN 10242. Class B. Black finish

Part No.	Qty	BSPT Thread Size
TC514	5	1/4"
TC515	5	3/8"
TC516	5	1/2"
TC510	5	3/4"
TC511	2	1"
TC517	2	1 1/4"
TC512	1	1 1/2"
TC513	1	2"

Malleable Iron Pipe Fitting - Reducing Hex Nipple (245)

BS EN 10242. Class B. Black finish

Part No.	Qty	BSPT Thread Size
TC577	5	3/8" : 1/4"
TC580	5	1/2" : 1/4"
TC578	5	1/2" : 3/8"
TC581	2	1/2" : 1"
TC582	2	1/2" : 1 1/4"
TC584	2	1/2" : 1 1/2"
TC579	2	3/4" : 3/8"
TC572	2	3/4" : 1/2"
TC585	2	3/4" : 1 1/2"
TC574	2	1" : 3/4"
TC583	1	1" : 1 1/4"
TC575	1	1 1/4" : 3/4"
TC570	1	1 1/2" : 1"
TC576	1	1 1/2" : 1 1/4"
TC586	1	2" : 3/4"
TC573	1	2" : 1"
TC587	1	2" : 1 1/4"
TC571	1	2" : 1 1/2"

Malleable Iron Pipe Fitting - Barrel Nipple

BS EN 10241. Class B. Black finish.

Part No.	Qty	BSPT Thread Size	Length
TC604	5	1/4"	40 mm
TC605	5	3/8"	40 mm
TC606	5	1/2"	50 mm
TC600	5	3/4"	55 mm
TC601	2	1"	60 mm
TC607	2	1 1/4"	70 mm
TC602	1	1 1/2"	70 mm
TC603	1	2"	100 mm

Malleable Iron Pipe Fitting - Female Socket (270)

BS EN 10242. Class B. Black finish

Part No.	Qty	BSPP Thread Size
TC504	5	1/8"
TC503	5	1/4"
TC505	5	3/8"
TC506	5	1/2"
TC500	5	3/4"
TC501	2	1"
TC507	1	1 1/4"
TC508	1	1 1/2"
TC502	1	2"

Brass Claw Fittings - Male

Fully compatible with standard quick connect water couplings.

Part No.	Qty	Size
TC1028	2	3/8" BSP
TC1029	2	1/2" BSP
TC1030	2	3/4" BSP
TC1031	2	1" BSP

Brass Claw Fittings - Female

Fully compatible with standard quick connect water couplings.

Part No.	Qty	Size
TC1024	2	3/8" BSP
TC1025	2	1/2" BSP
TC1026	2	3/4" BSP
TC1027	2	1" BSP

Brass Claw Fittings - Rubber Moulded Gasket

Fully compatible with standard quick connect water couplings.

Part No.	Qty	Description
TC1040	10	Moulded Gasket

Compressor Air Hose Assembly

20 bar/300 PSI high quality rubber/plastic hose. Complete with brass claw fitting safety couplings.

Part No.	Qty	Size	Length
AL500	1 Coil	3/4"	15 m

Brass Claw Fittings - Tap Cap & Tail

Fully compatible with standard quick connect water couplings.

Part No.	Qty	Thread Size	Bore Hose
TC1001	2	1/2" BSP	1/2"
TC1002	2	3/4" BSP	1/2"
TC1003	2	3/4" BSP	3/4"
TC1004	2	1" BSP	1/2"
TC1005	2	1" BSP	3/4"
TC1006	2	1" BSP	1"
TC1007	2	1 1/4" BSP	1"
TC1008	2	1 1/4" BSP	1 1/4"

Brass Quick Connector - Hose Tail

Fully compatible with standard quick connect water couplings.

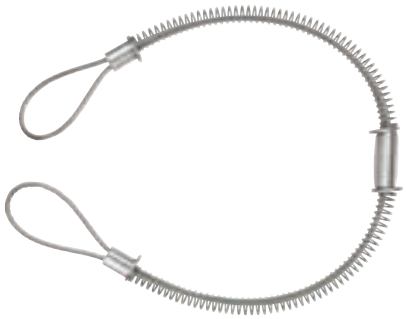
Part No.	Qty	Bore Hose	
TC1020	2	3/8"	(10 mm)
TC1021	2	1/2"	(13 mm)
TC1022	2	3/4"	(19 mm)
TC1023	2	1"	(25 mm)

Brass Quick Connector - Hex Male

Part No.	Qty	Thread Size	Bore Hose	
TC1012	2	3/4" BSP	3/4"	(19 mm)
TC1010	1	3/4" BSP	1"	(25 mm)
TC1011	1	1" BSP	1"	(25 mm)

Brass Straight Hose Connector

Part No.	Qty	Bore Hose	
TC1050	2	3/4"	(19 mm)
TC1051	2	1"	(25 mm)



Whip Check Cables

Steel cable and plated springs.

Part No.	Qty	Cable Diameter	Suits Hose Diameter	Length
AL90	1	1/8"	1/2" to 1 1/4" (Small)	540 mm
AL91	1	1/4"	1 1/2" to 3" (Large)	970 mm

Silicone Hose

Blue silicone VMQ with 3 ply polyester net.
Temperature Range: -60˚C to +180˚C.
Suitable for cooling and heating systems. 4.5 mm thick.

Part No.	Length	O.D. x I.D.	Working Pressure	Bursting Pressure
TUS6	1 m	15.5 x 6.5 mm	12.33 bar	37 bar
TUS9	1 m	18.5 x 9.5 mm	10 bar	30 bar
TUS13	1 m	22 x 13 mm	8.33 bar	25 bar
TUS16	1 m	25 x 16 mm	7.17 bar	21.5 bar
TUS19	1 m	28 x 19 mm	6.5 bar	19.5 bar
TUS22	1 m	31 x 22 mm	5.8 bar	17.4 bar
TUS25	1 m	34 x 25 mm	5.5 bar	16.5 bar
TUS28	1 m	37 x 28 mm	5.33 bar	16 bar
TUS32	1 m	41 x 32 mm	5.17 bar	15.5 bar
TUS35	1 m	44 x 35 mm	5 bar	15 bar
TUS38	1 m	47 x 38 mm	5 bar	15 bar
TUS41	1 m	49 x 40 mm	4.83 bar	14.5 bar
TUS45	1 m	54 x 45 mm	4.67 bar	14 bar
TUS48	1 m	57 x 48 mm	4.5 bar	13.5 bar
TUS51	1 m	61 x 51 mm	4.5 bar	13.5 bar
TUS57	1 m	67 x 57 mm	4.33 bar	13 bar
TUS60	1 m	70 x 60 mm	4.17 bar	12.5 bar

Silicone Hose - 90˚ Elbows with 150 mm Legs

Blue silicone VMQ with 3 ply polyester net.
Temperature Range: -60˚C to +180˚C.
Suitable for cooling and heating systems. 4.5 mm thick.

Part No.	Qty	O.D. x I.D.	Working Pressure	Bursting Pressure
TUS906	1	15.5 x 6.5 mm	12.33 bar	37 bar
TUS909	1	18.5 x 9.5 mm	10 bar	30 bar
TUS9013	1	22 x 13 mm	8.33 bar	25 bar
TUS9016	1	25 x 16 mm	7.17 bar	21.5 bar
TUS9019	1	28 x 19 mm	6.5 bar	19.5 bar
TUS9022	1	31 x 22 mm	5.8 bar	17.4 bar
TUS9025	1	34 x 25 mm	5.5 bar	16.5 bar
TUS9028	1	37 x 28 mm	5.33 bar	16 bar
TUS9032	1	41 x 32 mm	5.17 bar	15.5 bar
TUS9035	1	44 x 35 mm	5 bar	15 bar
TUS9038	1	47 x 38 mm	5 bar	15 bar
TUS9041	1	49 x 40 mm	4.83 bar	14.5 bar
TUS9045	1	54 x 45 mm	4.67 bar	14 bar
TUS9048	1	57 x 48 mm	4.5 bar	13.5 bar
TUS9051	1	61 x 51 mm	4.5 bar	13.5 bar
TUS9057	1	67 x 57 mm	4.33 bar	13 bar
TUS9060	1	70 x 60 mm	4.17 bar	12.5 bar

Fuel Injection Hose

15 Bar working pressure. Environmental temp: -20˚ to +150˚C. SAE J30 R9.
Compatible with E10 fuel.
For unleaded, leaded and diesel fuels.
- **Suitable for higher temperatures found in fuel injection systems**

Part No.	Length	O.D. x I.D.
TUB81	5 m Coil	12.6 x 5.6 mm
TUB82	5 m Coil	14.6 x 7.6 mm
TUB83	5 m Coil	16.5 x 9.5 mm

BEST SELLER

Fuel Hose

20 bar working pressure. Environmental temp: -20˚ to +80˚C.
BS AU 108/2/L4/C4/R SAE 30 R6. Compatible with E10 fuel.
For unleaded and leaded fuels found in normal carburettor systems and diesel.
- **Also for power steering low pressure side return**

Part No.	Length	O.D. x I.D.	
TUB45	5 m Coil	12 x 5 mm	(3/16")
TUB46	5 m Coil	13 x 6 mm	(1/4")
TUB47	5 m Coil	15 x 8 mm	(5/16")
TUB48	5 m Coil	17 x 10 mm	(3/8")

BEST SELLER

Fuel Hose - Textile Overbraided

Environmental temp: -20 to +70˚C. Compatible with E10 fuel.
Suitable for leaded, unleaded and diesel fuels.
- **Commonly used on diesel injection, fuel leak off or coolant applications**

Part No.	Length	O.D. x I.D.	Working Pressure
TUB69	5 m Coil	7.0 x 3.2 mm	12.5 bar
TUB70	5 m Coil	7.5 x 3.5 mm	12.5 bar
TUB71	5 m Coil	10.0 x 5.0 mm	10 bar
TUB72	5 m Coil	11.0 x 6.0 mm	10 bar
TUB73	5 m Coil	13.0 x 8.0 mm	8 bar
TUB74	5 m Coil	15.0 x 10.0 mm	5 bar
TUB75	5 m Coil	18.0 x 12.0 mm	5 bar

Heater Hose

Resistant to hot water, anti-freeze and coolant 6 bar working pressure. SAE J 20 R3.
Working temperature: -40˚C to +120˚C. NOT suitable for oil.

Part No.	Length	O.D. x I.D.	
HH4	20 m Coil	17.0 x 10.0 mm	(3/8")
HH1	20 m Coil	19.5 x 12.7 mm	(1/2")
HH2	20 m Coil	23.0 x 15.9 mm	(5/8")
HH3	20 m Coil	26.5 x 19.1 mm	(3/4")

Diesel Leak Off Bungs

Part No.	Pack of	Description
TUB99	10	Diesel Leak Off Bungs

Air Brake/Brake Servo Hose

15 bar working pressure.
SAE J 1402.

Part No.	Length	O.D. x I.D.	
BR10	4 m Coil	19 x 10 mm	3/8"

Advance/Retard Tubing - Black Nylon

BS 5409:2

Part No.	Length	O.D. x I.D.
TUB21	30 m Coil	1/8" x 0.075"

Advance/Retard Tubing - Soft Flexible Chloroprene Rubber

Can be used for windscreen washer. NOT suitable for diesel.

Part No.	Length	O.D. x I.D.
TUB42	10 m Coil	9 x 3 mm
TUB44	10 m Coil	10 x 4 mm

Nylon Tubing Flexible - Black Metric

DIN 73378 & DIN 74324 and BS 5409 Pt. 1.
Oil, petrol and diesel safe. Suitable for air.

Part No.	Length	O.D. x I.D.
TUB104	30 m Coil	4.0 x 2.5 mm
TUB105	30 m Coil	5.0 x 3.3 mm
TUB106	30 m Coil	6.0 x 4.0 mm
TUB109	30 m Coil	8.0 x 6.0 mm
TUB110	30 m Coil	10.0 x 7.5 mm
TUB111	30 m Coil	10.0 x 7.0 mm
TUB112	30 m Coil	12.0 x 9.0 mm
TUB103	30 m Coil	3/16" x .117"

BEST SELLER

Nylon Tubing Flexible - Natural Metric

DIN 73378 & DIN 74324 and BS 5409 Pt. 1.
Oil, petrol and diesel safe. Suitable for air.

Part No.	Length	O.D. x I.D.
TUB50	30 m Coil	4.0 x 2.50 mm
TUB51	30 m Coil	6.0 x 4.00 mm
TUB52	30 m Coil	8.0 x 6.00 mm
TUB53	30 m Coil	10.0 x 7.50 mm
TUB56	30 m Coil	12.0 x 9.00 mm
TUB54	30 m Coil	12.0 x 10.00 mm

PVC Tubing - Clear Plain Windscreen Washer Type

Part No.	Length	O.D. x I.D.	
TUB11	30 m Coil	6 x 3 mm	(1/8")
TUB12	30 m Coil	8 x 5 mm	(3/16")
TUB13	30 m Coil	9 x 6 mm	(1/4")
TUB14	30 m Coil	11 x 8 mm	(5/16")

PVC Tubing - Clear Re-inforced (Braided) Terylene

250 PSI. NOT suitable for Diesel.

Part No.	Length	O.D. x I.D.	
TUB2	30 m Coil	11 x 6 mm	(1/4")
TUB3	30 m Coil	13 x 8 mm	(5/16")
TUB4	30 m Coil	15 x 10 mm	(3/8")
TUB5	30 m Coil	18 x 12 mm	(1/2")

Windscreen Washer Accessories

Nylon. Suits 3/16" pipe.

Part No.	Qty	Description
TA103	5	T-Pieces

Part No.	Qty	Description
TA102	5	Elbows

Part No.	Qty	Description
TA101	5	Straights

Part No.	Qty	Description
TA104	5	Small In-Line Valves

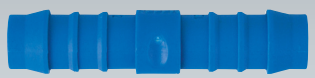
Part No.	Qty	Description
TA105	5	Large In-Line Valves

Assorted Pack of Windscreen Washer Accessories

Nylon. Suits 3/16" pipe.

Part No.	Pack of
AP61	25 Pieces

5 x Large In-Line Valves. 5 x Small In-Line Valves. 5 x Straights.
5 x Elbows. 5 x T-Pieces.



Nylon Hose Connectors - Straights

Nylon. Blue. Working temperature 0°C - 100°C.

Part No.	Pack of	For Hose I.D.
PJ105	10	5 mm
PJ106	10	6 mm
PJ108	10	8 mm
PJ110	10	10 mm
PJ112	10	12 mm
PJ116	10	16 mm
PJ119	10	19 mm

Assorted Pack of Nylon Hose Connectors - Straights

Nylon. Blue. Working temperature 0°C - 100°C.

Part No.	Pack of
AP71	35 Pieces

7 x Sizes (Hose I.D.): 5, 6, 8,10, 12, 16, 19 mm.

Nylon Hose Connectors - Elbows

Nylon. Blue. Working temperature 0°C - 100°C.

Part No.	Pack of	For Hose I.D.
PJ306	5	6 mm
PJ308	5	8 mm
PJ310	5	10 mm
PJ312	5	12 mm
PJ316	5	16 mm
PJ319	5	19 mm

Assorted Pack of Nylon Hose Connectors - Elbows

Nylon. Blue. Working temperature 0°C - 100°C.

Part No.	Pack of
AP72	25 Pieces

5 x Sizes (Hose I.D.): 6, 10, 12, 16, 19 mm.

Nylon Hose Connectors - Reducers

Nylon. Blue. Working temperature 0°C - 100°C.

Part No.	Qty	For Hose I.D.
PJ212	5	12 - 10 mm
PJ216	5	16 - 12 mm
PJ219	5	19 - 16 mm

Hose Connectors - Equal Tees

Nylon. Blue.
Working temperature 0°C - 100°C.

Part No.	Pack of	For Hose I.D.
PJ406	5	6 mm
PJ408	5	8 mm
PJ410	5	10 mm
PJ412	5	12 mm
PJ416	5	16 mm
PJ419	5	19 mm

Pipe Joiners

Part No.	Pack of	For Hose I.D.
PJ1	10	3/16"
PJ2	10	1/4"
PJ3	10	5/16"
PJ4	10	3/8"
PJ5	10	1/2"
PJ6	10	5/8"

Assorted Pack of Nylon Hose Connectors - Tees

Nylon. Blue. Working temperature 0°C - 100°C.

Part No.	Pack of
AP73	25 Pieces

5 x Sizes (Hose I.D.): 6, 10, 12, 16, 19 mm.

Assorted Box of Pipe Repair Kit

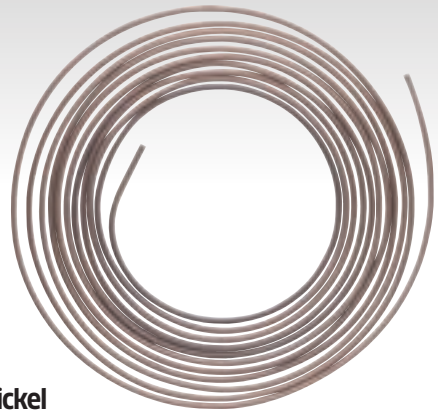
Mild steel.

Part No.	Box of
AB74	72 Pieces

6 x O-Clips: 7/16", 1/2", 9/16", 5/8", 3/4", 7/8".
6 x Pipe Joiners (Hose I.D.): 3/16", 1/4", 5/16", 3/8", 1/2", 5/8".

Brass Straight Hose Connector

Part No.	Qty	Bore Hose	
TC1050	2	3/4"	(19 mm)
TC1051	2	1"	(25 mm)



Brake Pipe - Seamless Cupro-Nickel

90/10 Cupro-Nickel (CuNi). 22 Gauge.
Conforms to BS EN 12449 CW352H.

- **Seamless tubes offering better resistance to corrosion and splitting.**
- **Coils are eddy current tested to ensure freedom from defects.**

Part No.	Length	O.D.	Max. Work Pressure
BP3	25 ft Coil	3/16"	215 bar (3120 PSI)
BP4	25 ft Coil	1/4"	155 bar (2250 PSI)
BP5	25 ft Coil	5/16"	120 bar (1740 PSI)
BP6	25 ft Coil	3/8"	100 bar (1450 PSI)

Cassette Hose Reel

15 m non-kink hose with fitted tap connector and spray nozzle.
Supplied on an easy wind storage cassette.

Part No.	Qty	Description
TUB60	1	Cassette Hose Reel

Copper Tubing

22 Gauge. BS EN 12449 C106 soft coil.
Maximum working pressure: 200 bar (3,000 PSI)

Part No.	Length	O.D.	Max. Work Pressure
CP11	25 ft Coil	3/16"	200 bar (3000 PSI)

Pressure Washer Hose

EN853. Complete with Male/Female BSP fittings at each end.
Maximum Temperature: 100°C.

Part No.	Length	Diameter	Hose Type	Max Work Pressure
HY14	10 m	1/4" BSP	Single Wire	225 Bar
HY38	10 m	3/8" BSP	Single Wire	180 Bar
HY38D	10 m	3/8" BSP	Double Wire	330 Bar

Brake Tubing - Copper

20 Gauge. BS EN 12449 C106 soft coil.
Maximum working pressure: 210 bar (3050 PSI)

Part No.	Length	O.D.	Max. Work Pressure
BP11	25 ft Coil	3/16"	210 bar (3050 PSI)

Looking for Air Line Fittings?

Our complete range of air line fittings starts on Page 230

RGTOOLS

RG TOOLS Air Hose

Constructed from 100% rubber with high strength polyester woven braided reinforcement. 80 bar burst pressure.

- **20% lighter than conventional hose**
- **Ozone resistant**
- **Four finger grip bend restrictor for easy use and better durability**
- **Temperature range: -40°C to 85°C**
- **5 year warranty**

Part No.	Qty	Length	I.D.	Fitting Size
RG60000	1	**15 m**	6 mm	1/4"
RG60002	1	**15 m**	8 mm	1/4"
RG60004	1	**15 m**	10 mm	1/4"
RG60006	1	**15 m**	13 mm	1/2"

RGTOOLS

RG TOOLS Hose Reel 20 m

Single arm, auto retractable air hose reel with 3 ft lead-in hose. Working pressure: 300psi.

- **12-point ratchet gearing system**
- **Adjustable guide arm**
- **18 gauge powder coated steel construction**

Part No.	Qty	Length	I.D.	Fitting Size
RG60030	1	**20 m**	10 mm	1/4"

RGTOOLS

RG TOOLS Hose Reel 15 m

Single arm, auto retractable air hose reel with 3 ft lead-in hose. Working pressure: 300psi.

- **12-point ratchet gearing system**
- **Adjustable guide arm**
- **20 gauge powder coated steel construction**

Part No.	Qty	Length	I.D.	Fitting Size
RG60035	1	**15 m**	13 mm	1/2"

Air Line Hose

Black styrene-butadiene rubber (SBR). Working pressure: 20 bar.

Part No.	Length	O.D. x I.D.	
AL11	15 m Coil	**12 x 6 mm**	1/4"
AL13	15 m Coil	**15 x 8 mm**	5/16"
AL17	15 m Coil	**17 x 10 mm**	3/8"
AL22	15 m Coil	**21 x 13 mm**	1/2"

Air Line Hose - Black Rubber with Yellow Stripe

20 bar working pressure.

Part No.	Length	O.D. x I.D.	
ALY8	15 m Coil	**15 x 8 mm**	(5/16")
ALY10	15 m Coil	**17 x 10 mm**	(3/8")
ALY12	15 m Coil	**21 x 13 mm**	(1/2")

JAMEC ***PEM***

JAMEC PEM Retractable Pro Series Air Hose Reel

Unique Helix Ultra-Coil hose layering system with 1 m leader hose and brass fittings.
Dimensions: 360 x 330 x 220 mm. Max. Working Pressure: 300 PSI.

- **Adjustable hose stopper**
- **High impact tough and durable polypropylene construction**
- **Fully enclosed weather resistant and UV stabilised outer case protects the hose and inner drum assembly against dirt and other contaminants**
- **Auto lock and rewind mechanism provides positive hose latching every full revolution of the hose drum**
- **Heavy duty mounting bracket with fixed in-line or optional 180° swivel mount is suitable for wall or overhead mounting**
- **Convenient carry handle located on the top panel for removing and refitting the hose reel from the mounting bracket**

Part No.	Qty	Hose I.D. x Length	Hose O.D.
JPR1	1	**9.2 mm (3/8") x 8 m**	15.2 mm

Looking for Whip Hoses

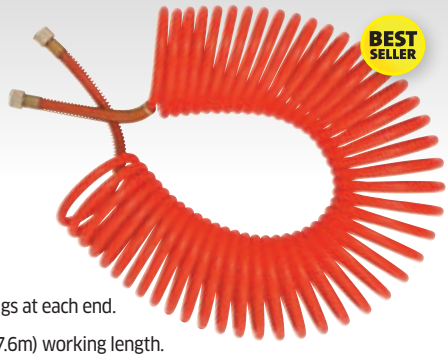
Our range of air tool whip hoses can be found on Page 236

High Visibility Safety PVC Air Hose

Manufactured in highly visible PVC for health and safety, CE certificated.
Complete with 1/4" BSP female brass fittings.

- **Coated to resist oil and abrasions - Silicone FREE.**
- **Reinforced hose to resist crushing or twisting, will not kink.**
- **Maximum working pressure: 250 lbf/in² (17 bar).**

Part No.	Length	Colour	O.D. x I.D.
AL76	10 m Coil	Green	14 x 10 mm (3/8")



Air Line Coil

Nylon with protective springs at each end.
1/4" BSP swivel nuts.
3/8" O.D. x .265" I.D. 25 ft (7.6m) working length.

Part No.	Qty	Description
AL10	1	Air Line Coil

Air Line Assemblies with 1/4" BSP Swivel Nuts

Black rubber tubing with yellow stripe.
Working pressure: 20 bar.

Part No.	Length	Diameter	
ALY28	10 m Coil	15 x 8 mm	(5/16")

Air Line Assemblies with 1/4" BSP Swivel Nuts

Black styrene butadiene rubber (SBR).
Working pressure: 20 bar.

Part No.	Length	O.D. x I.D.	
AL63	10 m Coil	12 x 6 mm	1/4"
AL65	10 m Coil	15 x 8 mm	5/16"

JAMEC PEM

JAMEC PEM Retractable Pro Series Extreme Air Hose Reel

Unique Helix Ultra-Coil hose layering system with 2 m leader hose and brass fittings.
Dimensions: 440 x 210 x 400 mm. Max. Working Pressure: 300 PSI.

- **Controlled return reducing hose whip**
- **Adjustable hose stop**
- **Solid brass internal spindle**
- **High impact tough & durable polypropylene construction with a UV stabilised case**
- **180° swivel wall mount bracket**

Part No.	Qty	Hose I.D. x Length	Hose O.D.
JPR2	1	11 mm (1/2") x 15 m	17.0 mm
JPR3	1	9.2 mm (3/8") x 20 m	15.2 mm

PCL

PCL Multi Purpose PVC Air Hose Reel

Ideal for use with a multitude of applications where a wall or ceiling mounted reel is needed.

- **Easy to use adjustable hose stopper**
- **Auto retract**
- **Built-in cleaning brush**
- **Copper tail outlet thread with dust cap**
- **Steel wall mounting 180° swivel bracket**
- **Supplied with fitted leader hose**
- **Large diameter inlet: Rp 1/4" Outlet: R 1/4"**
- **Maximum working pressure: 250 lbf/in² (17 bar)**

Part No.	Qty	Hose I.D. x Length
ALR1	1	10 mm (3/8") x 15 m

PCL

BEST SELLER

PCL 'Airflow' Female Couplings

For portable air tools, garage and industrial air line systems and test panels.

Part No.	Pack of	Size	Fitting
AL101	5	1/4" BSP	Female
AL102	5	3/8" BSP	Female
AL103	5	1/2" BSP	Female

PCL

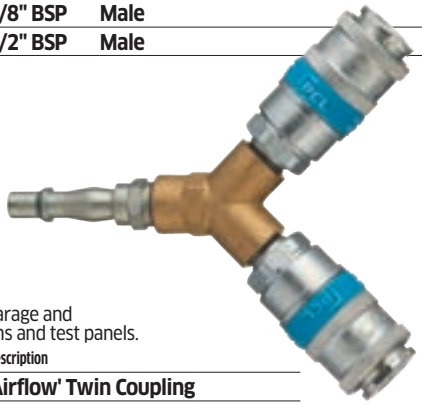
BEST SELLER

PCL 'Airflow' Male Couplings

For portable air tools, garage and industrial air line systems and test panels.

Part No.	Pack of	Size	Fitting
AL124	2	1/4" BSP	Male
AL125	2	3/8" BSP	Male
AL126	2	1/2" BSP	Male

PCL



PCL 'Airflow' Twin Coupling

For portable air tools, garage and industrial air line systems and test panels.

Part No.	Qty	Description
AL23	1	'Airflow' Twin Coupling

PCL

BEST SELLER

PCL Screwed Female Adaptors

Part No.	Pack of	Size	Fitting
AL12	5	1/4" BSP	Female
AL130	5	3/8" BSP	Female
AL131	5	1/2" BSP	Female

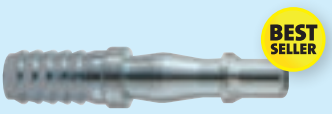
PCL

BEST SELLER

PCL Screwed Male Adaptors

Part No.	Pack of	Size	Fitting
AL3	5	1/4" BSP	Male
AL132	5	3/8" BSP	Male
AL133	5	1/2" BSP	Male

PCL



BEST SELLER

PCL Integral Adaptor/Tailpieces

Part No.	Pack of	Hose Bore	
AL4	5	6.35 mm	(1/4")
AL5	5	7.90 mm	(5/16")
AL38	5	9.50 mm	(3/8")

PCL

BEST SELLER

PCL 'Vertex' Female Couplings

Slim profile and integral sleeve for trailing hoses.
For portable air tools, garage and industrial air line systems.

Part No.	Pack of	Size	Fitting
AL31	5	1/4" BSP	Female

PCL

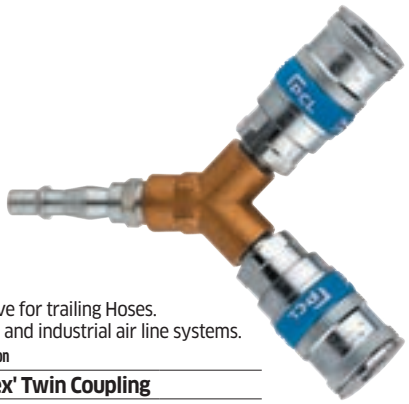
BEST SELLER

PCL 'Vertex' Male Couplings

Slim profile and integral sleeve for trailing hoses.
For portable air tools, garage and industrial air line systems.

Part No.	Pack of	Size	Fitting
AL32	2	1/4" BSP	Male

PCL



PCL 'Vertex' Twin Coupling

Slim profile and integral sleeve for trailing Hoses.
For portable air tools, garage and industrial air line systems.

Part No.	Qty	Description
AL41	1	'Vertex' Twin Coupling

PCL

PCL 'Vertex' Coupling and Adaptors Kits

Slim profile and integral sleeve for trailing hoses.
For portable air tools, garage and industrial air line systems.

Part No.	Qty	Hose Bore	
AL316	3 Piece Kit	6.35 mm	(1/4")
AL318	3 Piece Kit	7.9 mm	(5/16")
AL319	3 Piece Kit	9.5 mm	(3/8")

1 x 'Vertex' Coupling: 1/4" BSP Female. 1 x Male Screwed Adaptor: 1/4" BSP Male.
1 x Integral Adaptor/Tailpiece: 6.35 mm (1/4") Hose Bore.

JAMEC PEM

JAMEC PEM 2-Stage Female Coupling

TWO stage connection.

- Interchanges with UK equivalent
- Steel construction
- Max. airflow 43 cfm @ 100 psi
- Max. working pressure 200 psi / 14 bar

Part No.	Pack of	Tail/Thread Type	Tail/Thread Size
JP31	5	Female	1/4"

JAMEC PEM

JAMEC PEM 2-Stage Male Coupling

TWO stage connection.

- Interchanges with UK equivalent
- Steel construction
- Max. airflow 43 cfm @ 100 psi
- Max. working pressure 200 psi / 14 bar

Part No.	Pack of	Tail/Thread Type	Tail/Thread Size
JP32	2	Male	1/4"

PCL

PCL 'Safeflow' Female Couplings

Two stage self-venting release.
Conforms to ISO 4414:1998 and EN 983:1.

- Safe and simple to use.
- Enhances workshop safety - Prevents hose whip.
- Compatible with standard PCL 'Airflow' and 'Vertex' adaptors.

Part No.	Qty	Size	Fitting
AL161	1	1/4" BSP	Female

PCL

PCL 'Safeflow' Male Couplings

Two stage self-venting release.
Conforms to ISO 4414:1998 and EN 983:1.

- Safe and simple to use.
- Enhances workshop safety - Prevents hose whip.
- Compatible with standard PCL 'Airflow' and 'Vertex' adaptors.

Part No.	Qty	Size	Fitting
AL162	1	1/4" BSP	Male

JAMEC PEM

JAMEC PEM 1-Stage Female Coupling

One stage connection.

- Steel construction
- Interchanges with UK equivalent
- Max. airflow 43 cfm @ 100 psi
- Max. working pressure 200 psi / 14 bar

Part No.	Pack of	Tail/Thread Type	Tail/Thread Size
JP101	5	Female	1/4"

JAMEC PEM

JAMEC PEM 1-Stage Male Coupling

One stage connection.

- Steel construction
- Interchanges with UK equivalent
- Max. airflow 43 cfm @ 100 psi
- Max. working pressure 200 psi / 14 bar

Part No.	Pack of	Tail/Thread Type	Tail/Thread Size
JP124	2	Male	1/4"

JAMEC PEM

JAMEC PEM Screwed Male Adaptor

Steel construction.
Adaptors fit both the one stage and two stage couplings.

Part No.	Pack of	Tail/Thread Type	Tail/Thread Size
JP3	5	Male	1/4"

JAMEC PEM

JAMEC PEM Screwed Female Adaptor

Steel construction.
Adaptors fit both the one stage and two stage couplings.

Part No.	Pack of	Tail/Thread Type	Tail/Thread Size
JP12	5	Female	1/4"

JAMEC PEM

JAMEC PEM Integral Adaptor/Tailpiece

Steel construction.
Adaptors fit both the one stage and two stage couplings.

Part No.	Pack of	Tail/Thread Type	Tail/Thread Size
JP38	5	Hose Tail	3/8" (10 mm)

PCL

PCL 'XF' High Flow Female Couplings

For most applications.

Part No.	Qty	Thread Size	Fitting
AL201	1	1/4" BSP	Female
AL203	1	3/8" BSP	Female

PCL

PCL 'XF' High Flow Male Couplings

For most applications.

Part No.	Qty	Thread Size	Fitting
AL202	1	1/4" BSP	Male
AL204	1	3/8" BSP	Male

PCL

PCL 'XF' High Flow Male Screwed Adaptors

For most applications.

Part No.	Pack of	Thread Size	Fitting
AL222	5	1/4" BSP	Male
AL232	5	3/8" BSP	Male

PCL

PCL 'XF' High Flow Female Screwed Adaptors

For most applications.

Part No.	Pack of	Thread Size	Fitting
AL221	5	1/4" BSP	Female
AL231	5	3/8" BSP	Female

PCL

PCL 'XF' High Flow Integral Adaptor/Tailpieces

For most applications.

Part No.	Pack of	Hose Bore	
AL206	5	6 mm	(1/4")
AL208	5	8 mm	(5/16")
AL210	5	10 mm	(3/8")
AL213	5	13 mm	(1/2")

JAMEC PEM

JAMEC PEM Euro Style High Flow Female Coupling

Anti release flange. Use in large air consumption applications.

- Interchanges with CEJN equivalent
- Steel construction
- Max. airflow 62 cfm @ 100 psi
- Max. working pressure 200 psi / 14 bar
- Use with euro adaptors

Part No.	Qty	Tail/Thread Type	Tail/Thread Size
JP201	1	Female	1/4"

JAMEC PEM

JAMEC PEM Euro Style High Flow Male Coupling

Anti release flange. Use in large air consumption applications.

- Interchanges with CEJN equivalent
- Steel construction
- Max. airflow 62 cfm @ 100 psi
- Max. working pressure 200 psi / 14 bar
- Use with euro adaptors

Part No.	Qty	Tail/Thread Type	Tail/Thread Size
JP202	1	Male	1/4"

JAMEC PEM

JAMEC PEM Euro Style High Flow Female Adaptor

Anti release flange. Steel construction. Use in large air consumption application.

- Airflow 115 cfm, 3275 L/mm @ 100 psi, 690 kPa
- Max. working pressure 152 psi, 1050 kPa
- Use with euro couplings and interchanges with CEJN equivalent

Part No.	Pack of	Tail/Thread Type	Tail/Thread Size
JP221	5	Female	1/4"

JAMEC PEM

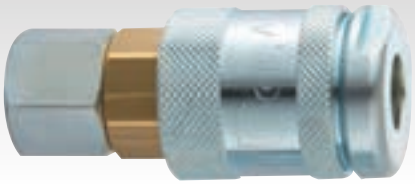
JAMEC PEM Euro Style High Flow Male Adaptor

Anti release flange. Steel construction. Use in large air consumption application.

- Airflow 115 cfm, 3275 L/mm @ 100 psi, 690 kPa
- Max. working pressure 152 psi, 1050 kPa
- Use with euro couplings and interchanges with CEJN equivalent

Part No.	Pack of	Tail/Thread Type	Tail/Thread Size
JP222	5	Male	1/4"

PCL



PCL '60 Series' Female Couplings

For fixed and trailing hose applications in garage, tyre shop and industrial environments.

Part No.	Qty	Thread Size	Fitting
AL261	1	1/4" BSP	Female
AL263	1	3/8" BSP	Female

PCL

PCL '60 Series' Male Couplings

For fixed and trailing hose applications in garage, tyre shop and industrial environments.

Part No.	Qty	Thread Size	Fitting
AL262	1	1/4" BSP	Male
AL264	1	3/8" BSP	Male

PCL

PCL '60 Series' Screwed Adaptors

For fixed and trailing hose applications in garage, tyre shop and industrial environments.

Part No.	Pack of	Thread Size	Fitting
AL265	3	1/4" BSP	Male
AL266	3	3/8" BSP	Male

PCL

PCL '60 Series' Integral Adaptor/Tailpieces

For fixed and trailing hose applications in garage, tyre shop and industrial environments.

Part No.	Pack of	Hose Bore	
AL267	3	9.50 mm	(3/8")
AL268	3	12.70 mm	(1/2")

JAMEC PEM

JAMEC PEM Stop-Flo Valves

Safety valve can be easily fitted directly to the outlet of a compressor or the fixed outlet of airline system preventing potential whip hose damage from any accidental disconnection

Part No.	Qty	Valve Size	Hose Size Required
JP80	1	3/8"	10.0 mm (3/8") Hose
JP81	1	1/2"	12.5 mm (1/2") Hose

PCL

PCL '100 Series' Female Couplings

For larger air tool applications in garage, tyre shop and industrial environments.

Part No.	Qty	Size	Fitting
AL46	1	3/8" BSP	Female
AL18	1	1/2" BSP	Female

PCL

PCL '100 Series' Male Couplings

For larger air tool applications in garage, tyre shop and industrial environments.

Part No.	Qty	Size	Fitting
AL47	1	3/8" BSP	Male
AL34	1	1/2" BSP	Male

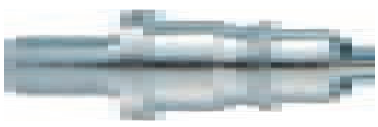
PCL

PCL '100 Series' Male Screwed Adaptors

For larger air tool applications in garage, tyre shop and industrial environments.

Part No.	Pack of	Size	Fitting
AL48	3	3/8" BSP	Male
AL19	3	1/2" BSP	Male

PCL



PCL '100 Series' Integral Adaptor/Tailpieces

For larger air tool applications in garage, tyre shop and industrial environments.

Part No.	Pack of	Hose Bore	
AL49	3	9.50 mm	(3/8")
AL20	3	12.70 mm	(1/2")

PCL

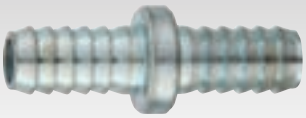
PCL '100 Series' Coupling and Adaptors Kit

For larger air tool applications in garage, tyre shop and industrial environments.

Part No.	Qty	Hose Bore	
AL180	3 Piece Kit	12.7 mm	(1/2")

1 x '100 Series' Coupling: 1/2" BSP Male. 1 x Male Screwed Adaptor: 1/2" BSP Male.
1 x Integral Adaptor/Tailpiece: 12.7 mm (1/2") Hose Bore.

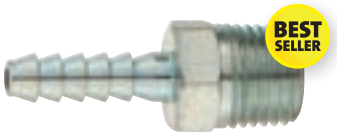
PCL



PCL Double-Ended Hose Connectors

Part No.	Pack of	Bore Hose	
AL56	5	6.35 mm	(1/4")
AL57	5	7.90 mm	(5/16")
AL58	5	9.50 mm	(3/8")
AL59	5	12.70 mm	(1/2")

PCL



PCL Male Screwed Tailpieces - 1/4" BSPT

Part No.	Pack of	Bore Hose	
AL2	5	6.35 mm	(1/4")
AL37	5	7.90 mm	(5/16")
AL33	5	9.50 mm	(3/8")
AL53	5	12.70 mm	(1/2")

PCL

PCL Male Screwed Tailpieces - 3/8" BSPT

Part No.	Pack of	Bore Hose	
AL54	5	9.50 mm	(3/8")
AL55	5	12.70 mm	(1/2")

PCL

PCL Male Screwed Tailpieces - 1/2" BSPT

Part No.	Pack of	Bore Hose	
AL39	3	12.70 mm	(1/2")

PCL

PCL Air Line Fittings - Double Union

Part No.	Pack of	Size
AL8	5	1/4" BSP

PCL

PCL Air Line Fittings - Parallel Socket

Part No.	Pack of	Size
AL50	5	1/4" BSP

PCL

PCL Air Line Fittings - Reducing Bush

Part No.	Pack of	Type	Size
AL51	5	M : F	1/2" BSPT : 1/4" BSPP

PCL

PCL Air Line Fittings - Reducing Union

Part No.	Pack of	Type	Size
AL52	5	M : M	1/2" BSPT : 1/4" BSPT

PCL

PCL Air Line Fittings - Tailpieces & Nuts

Part No.	Pack of	Tail Piece	Nut Size
AL67	5 Pairs	6.35 (1/4") Bore Hose	1/4" BSP

KS TOOLS GERMANY

KS TOOLS
1/4" Compressed Air Side Oiler

For air tool lubrication.Assembly directly in the air feed line.

Part No.	Qty	Description
K515.3360	1	Air Side Oiler

KS TOOLS GERMANY

KS TOOLS
1/4" Compressed Air Water Trap

For separating condensation.
Sintered metal cartridge, trap drain valve.
Assembly directly in the air feed line.

Part No.	Qty	Description
K515.3370	1	Air Water Trap

PCL

PCL 1/4" Blow Gun

Moulded resin body
with ergonomic handle.
Maximum working pressure: 18 bar.

Part No.	Qty	Description
AL35	1	Blow Gun

PCL

PCL Palm Blow Gun

Supplied with conical and safety nozzles.
Maufactured from high quality die-cast alloy.
Air flow: 247 l/min (8.9 cfm).

Part No.	Qty	Connection
AL78	1	1/4" BSP Female

KS TOOLS GERMANY

KS TOOLS Air Operated Blow Pistol with Air Flow Control

Durable plastic housing. Air flow can be finely regulated. Includes universal nozzle. 1/4" connection. Includes 1/4" air inlet connector. Length: 100 mm.

Part No.	Qty	Description
K515.1901	1	Blow Pistol

JAMEC PEM

JAMEC PEM Blowgun - Rubber Tip

110 mm with angle nozzle and rubber tip.

- **Brass inlet 1/4"**
- **Durable ABS plastic**
- **Anti-Scratch rubber tip**

Part No.	Qty	Inlet Thread
JP37	1	1/4" Female

KS TOOLS GERMANY

KS TOOLS Telescopic Air Operated Blow Pistol

Durable plastic housing. Includes universal nozzle. 1/4"air inlet connector. Telescopic blow pistol can be adjusted in length (65 - 280 mm) & angle (360˚).

Part No.	Qty	Description
K515.1907	1	Telescopic Blow Pistol

JAMEC PEM

JAMEC PEM Blowgun - Flexible 600mm Nozzle

600 mm flexible nozzle.

- **Brass inlet 1/4"**
- **Durable ABS plastic**
- **Variable air flow**
- **600 mm flexible nozzle**

Part No.	Qty	Inlet Thread
JP36	1	1/4" Female

Looking for Whip Hoses?

Our range of air tool whip hoses are overleaf

FUCHS

FUCHS 'Silkair VG22' Air Line Oil

General purpose.
Lubricates pneumatic tools and equipment.
Readily separates from water.

Part No.	Qty	Size
VC191	1	1 Litre Bottle

PCL

PCL Air Tool Whip Hose

0.6 m (2 ft) length.
Adaptor and BSP male tailpiece ends.
Fully conforms to safety standard requirements
ISO 4414:1998 and EN983:1996. Prevents Hose whip. Allows safe disconnection.

Part No.	Qty	Hose I.D.	Hose O.D.	Adaptor x Male Thread
AL60	1	7 mm (1/4")	14 mm	Standard x R 1/4
AL72	1	10 mm (3/8")	17 mm	Standard x R 3/8
AL73	1	13 mm (1/2")	21 mm	100 Series x R 1/2

JAMEC PEM

JAMEC PEM Air Tool Whip Hose

0.6 m (2 ft) length. Adaptor and BSP male tailpiece ends.

Part No.	Qty	Hose I.D.	Hose O.D.	Adaptor x Male Thread
JP60	1	10 mm (1/4")	15.5 mm	Standard x R 1/4
JP72	1	10 mm (3/8")	15.5 mm	Standard x R 3/8

Looking for Abraisive Discs?

Our range of 'mini' abrasives can be found on Page 425

PCL

PCL 3/8" Drive 'Mini' Pneumatic Ratchet - 27.5 Nm

Palm Ratchet allows the operator to reach small areas.
Compact and lightweight design allows maximum operator control and performance. Rear exhaust to keep airflow away from work area. High power motor for consistent performance. Maximum Torque 27.5 Nm, Weight 0.4 kg. 3/8"

Part No.	Qty	Description
ALT7	1	3/8" Mini Ratchet

PCL

PCL 1/4" Drive 'Mini' Pneumatic Ratchet - 27.5 Nm

Palm Ratchet allows the operator to reach small areas.
Compact and lightweight design allows maximum operator control and performance. Rear exhaust to keep airflow away from work area. High power motor for consistent performance. Maximum Torque 27.5 Nm, Weight 0.3 kg. 1/4"

Part No.	Qty	Description
ALT6	1	1/4" Mini Ratchet

PCL

PCL 'Mini' Pneumatic Die Grinder

Allows the operator to reach into very small areas.
Safety lever prevents any possible accidents. Rear exhaust to keep airflow away from the hand. High power motor designed for all tight grinding situations.
6 mm collet (3 piece design). Free speed 25,000 RPM, Weight 0.34 kg.

Part No.	Qty	Description
ALT8	1	Mini Die Grinder

PCL

PCL 'Mini' Pneumatic Orbital Sander

Complete with small 50 mm (2") sanding pad allows the operator to reach small areas. Random orbit allows maximum operator control and finish. Rear exhaust to keep airflow away from the hand. High power motor designed for efficient sanding.

Part No.	Qty	Description
ALT9	1	Mini Orbital Sander

PCL

PCL 1/2" Drive Pneumatic Impact Wrench - 540 Nm

General purpose impact wrench with forward and reverse mode.
Pin clutch hammer mechanism with 4 forward operation impact settings, non-slip comfort grip.
Air Consumption: 300 l/min,
Maximum Torque: 540 Nm at 90 PSI,
Sound: 96.6 db (A), Vibration: 1.39 m/s²Weight: 2.0 kg.

½"

Part No.	Qty	Description
ALT1	1	1/2" Impact Wrench

PCL

PCL 3/8" Drive Pneumatic Ratchet

Forward and reverse knob on the ratchet head.
Ball type retainer with easy forward/reverse shift.
Maximum Torque 60 Nm at 90 PSI, Air Consumption 115 l/min,
Sound 90.0 db (A), Vibration 5.2m/s²Weight 1.2 kg.

⅜"

Part No.	Qty	Description
ALT2	1	3/8" Ratchet

PCL

PCL 10 mm (3/8") Pneumatic Reversible Drill

Ideal for drilling, reaming and honing.
Side mounted forward/reverse shift,
fitted with 10 mm (3/8") keyless chuck.
Free speed 1,800 RPM, Air Consumption 130 l/min, Sound 87 db (A),
Vibration 1.5 m/s² Weight 1.1 kg.

Part No.	Qty	Description
ALT3	1	10 mm Reversible Drill

PCL

PCL Pneumatic Die Grinder

Ideal for tyre buffing, polishing and grinding.
Medium motor with high velocity and low vibration,
safety throttle lever with 6 mm collet (3 piece design).
Free speed 22,000 RPM, Air Consumption 115 l/min, Sound 93 db (A),
Vibration 5.4 m/s² Weight 0.6 kg.

Part No.	Qty	Description
ALT4	1	Die Grinder

PCL

PCL Pneumatic Orbital Sander

Central vacuum type. Supplied with pad suitable for 150 mm hook and loop sanding discs along with an extraction hose and dust bag.
Free speed 12,000 rpm. Air consumption 4.5 cfm / 128 l/min. Sound 86.8 dBa.
Vibration 4.6 m/s². Weight 0.8 kg.

Part No.	Qty	Description
ALT5	1	Orbital Sander

Air Operated Grease Gun

Complete with extension pipe and 4-jaw hydraulic connector.
Takes 400g cartridge or bulk feed.

Part No.	Qty	Description
TL920	1	Grease Gun

FASTMOVER
Spray Gun - Conventional

Gravity feed compliant.
Can be used with 3M disposable pot system use adaptor number 2 (3M code 16032).
Working pressure: 50 PSI. Maximum pressure: 80 PSI. Air consumption:
Between 7-12 CFM (depending on setup).

- **Designed and built for tough work.**
- **Suitable for solvent based paints only.**

Part No.	Qty	Pot Capacity	Set up
ALG1	1	600 cc	1.7 mm

FASTMOVER
Spray Gun - HVLP

Gravity feed compliant.
Can be used with 3M disposable pot system use adaptor number 2 (3M code 16032).
Working pressure: 43-50 PSI.
Air consumption:
Between 7-10 CFM (depending on setup).

- **Suitable for topcoat work.**
- **Ergonomically designed.**
- **Designed to produce superior finish - Gives a fast flow and wide spray pattern.**
- **HVLP (High Volume Low Pressure) - makes it efficient and compliant.**

Part No.	Qty	Pot Capacity	Set up
ALG3	1	600 cc	1.3 mm

FASTMOVER
Spray Gun - Mini HVLP

Gravity feed compliant. Stainless steel components, suitable for use with water and solvent based paints.
Can be used with 3M disposable pot system use adaptor number 21 (3M code 16105).
Thread size: M14. Weight: 320g. Working pressure: 43 PSI.

- **Extra small and lightweight.**
- **Ideal for SMART touch-up paint repairs and perfect for alloy wheel painting.**
- **A wide spray pattern with excellent atomisation.**

Part No.	Qty	Pot Capacity	Set up
ALG2	1	125 ml	0.8 mm

FASTMOVER
Undercoating Gun

Under body coating gun.
Screws onto a standard tin of underbody coating material and creates a venturi action that sucks up the material and pushes it through the gun nozzle.
Complete with plastic extension probe.
Operates at 90 PSI (6 bar).

- **Ideal a workshop for applying underbody material to vehicles, also a great tool for DIY and classic car restorers.**

Part No.	Qty	Inlet Thread
ALG4	1	1/4" BSP

FASTMOVER
Paint Drying Air Gun

Venturi hand held water based paint drying gun.
Working pressure: 4-7 PSI (3-5 bar).
Max Pressure: 100 psi (7 bar).
Air cosnsumption: 12.3 CFM.

- **Increases airflow from compressor by 15% which speeds up drying times.**
- **Air is filtered to a high degree eliminating risks of imperfections in the paintwork.**

Part No.	Qty	Inlet Thread
ALG5	1	1/4" BSP

Air Regulator/Gauge

Length: 32 mm. Weight: 100g.
Glass lens unaffected by the solvents.
Working pressure range: 7-114 PSI (0.5-7.8 bar).

- **Extra small and lightweight.**

Part No.	Qty	Inlet Thread
ALG10	1	1/4" BSP

PCL

PCL Direct Drive Compressor Unit

Solid, stable and completely portable direct drive compressor.

- Fitted with genuine single stage 2 HP motor
- Air receiver: 24 l. Air Flow: 206 l/min / 7.3 cfm
- Noise: 82 Dba
- Fitted with genuine PCL 'Airflow' couplings on the outlet
- Supplied with full CE certification, test certificates & operating manual

Part No.	Qty	Size	Weight
AL89	1	59 x 28 x 62 cm	26 kg

LASER Air Gun Vacuum/Blower Kit

Supplied in a storage box. Complete with nozzles, dust bag, brush and mini hose.
Standard 1/4" BSP air inlet. Air pressure: 90 PSI.

- Ideal for sucking up or blowing away debris from shattered windscreens, carbon deposits, etc.

Part No.	Qty	Description
TL7410	1 Set	6 Piece Set

JAMEC PEM

JAMEC PEM Digital Wall Mounted Tyre Inflator - Die Cast Case and Metal Buttons

Robust die cast aluminium housed digital auto inflator - simple to use with plug and play design.

- Accuracy exceeds EC Standards
- Multi-scale gauge
- Tough die cast aluminium body
- OPS (Over Pressure Setting) function for seating tyres on rims
- Mechanical anti-vandal buttons
- Comprehensive diagnostics and error reporting
- Inflates accurately with hoses up to 50 m long
- Comes with instruction manual and calibration certificate

* Ships directly from the supplier

Part No.	Qty	Type	Style	Hose Length
JP501 *	1	Single Clip-On	Straight	7.6 m

JAMEC PEM

JAMEC PEM Digital Wall Mounted Tyre Inflator with Over Pressure - Plastic Case

Simple to use with plug and play design, pre-set the required pressure, place the chuck on the tyre valve and the built-in auto start Inflates/deflates the tyre to the specified pressure.

- Accuracy exceeds EC Standards
- Multi-scale gauge
- Backlit display
- OPS (Over Pressure Setting) function used for seating tyres on rims
- Two programmable pre-set buttons
- Comprehensive diagnostics and error reporting
- Inflates accurately with hoses up to 50 m long
- Comes with instruction manual and calibration certificate

Part No.	Qty	Type	Style	Hose Length
JP502	1	Single Clip-On	Straight	10 m

Looking for Tyre Air Compressors?

Our expanded range of air compressors start from Page 244

JAMEC PEM

JAMEC PEM TDR3000 Digital Tyre Inflator

Tough aluminium housing with large LCD display. Accurate multi-scale gauge with auto ON/OFF.

- Rubber grip
- Tough die cast aluminium body
- Accuracy exceeds EC Standards
- Multi-scale gauge
- Backlit display
- Wire sheathed hose eliminates kinking
- Impact absorbing bumpers
- Supplied with instruction manual and calibration certificate

Part No.	Qty	Type	Style	Hose Length
JP314	1	Twin Hold-On	Angle	0.5 m
JP342	1	Twin Clip-On	Angle	2.7 m
JP344	1	Single Clip-On	Straight	1.8 m

JAMEC PEM

JAMEC PEM Classic Tyre Inflator

This classic Tyre Inflator has a slimlinedesign and is easy to hold. Designed to meet EC standards and constructed in die cast aluminium for lightweight ease of use.

- Dual scale standard calibration: 0-138 psi and 0-9.6 bar
- Supply pressure max: 200 psi
- Wire sheathed hose eliminates kinking
- Ergonomically designed trigger with two click action
- Supplied with a certificate of calibration and instruction manual
- Complies with EN12645: 2014

Part No.	Qty	Type	Style	Hose Length
JP14	1	Twin Hold-On	Angle	0.5 m
JP42	1	Twin Clip-On	Angle	2.7 m
JP44	1	Single Clip-On	Straight	2.7 m

JAMEC PEM

JAMEC PEM TDR4000 Digital Tyre Inflator

Lightweight, durable design and one touch operation, perfect for industrial workshops, mechanics and garages.

- Auto on, upon sensing air pressure
- IP44 rating – tough, durable and splash resistant
- Large, titled easy to read LCD display with backlight
- Auto off after 90 seconds
- Multi-scale gauge (psi, kPa, bar, kgF)
- Impact absorbing bumper
- Tough, lightweight diecast aluminium internal body with compsite outter casing
- Wire sheathed hose to eliminate kinking
- Supplied with certificate of calibration
- 80 hours continuous use
- 2 x AAA batteries included

Part No.	Qty	Type	Style	Hose Length
JP414	1	Single Clip-On	Straight	0.5 m

JAMEC PEM

JAMEC PEM Digital Hand Held Preset Tyre Inflator

A truly portable automatic inflator/deflator. Powered by a rechargeable Lithium-Ion battery, lasting up to an impressive 15 hours (continuous use).

- Accuracy exceeds EC Standards
- Multi-scale gauge
- Backlit display
- Wire sheathed hose eliminates kinking
- Includes AC adaptor for charging
- Includes Nitto equivalent adaptor
- Tough poly carbonate / ABS body
- OPS function used for seating tyres on rims
- Two programmable pre-set buttons
- Comes with instruction manual and calibration certificate

Part No.	Qty	Type	Style	Hose Length
JP100	1	Single Clip-On	Straight	2.7 m

Looking for Wall Mounted Tyre Inflators

Our new range of wall mounted tyre inflators are on Page 239

PCL 'ACCURA MK4' Digital Tyre Inflator

Extremely robust aluminium body with protective rubber bumper.

- **Small 'stubby' body is the lightest metal bodied digital inflator on the market**
- **Higher pressure range for multiple applications: 4 - 250 PSI**
- **Permanently backlit in use, auto off after 10 seconds no use**
- **IP54 rated for protection against splashing water for use indoors and outdoors**

Part No.	Qty	Type	Hose Length
AL84	1	Twin Hold-On	0.53 m (21")
AL85	1	Single Clip-On	0.53 m (21")
AL86	1	Twin Clip-On	1.8 m (6 ft)
AL87	1	Single Clip-On	1.8 m (6 ft)

PCL 'Mk4' Air Line Gauge

Maximum pressure: 9.9 bar (138 PSI).

Part No.	Qty	Type	Hose Length	
AL14	1	Twin Hold-On	0.53 m (21")	
AL42	1	Twin Clip-On	2.7 m (9')	Tyre Shop
AL81	1	Single Clip-On	0.53 m (21")	
AL82	1	Single Clip-On	2.7 m (9 ft)	Tyre Shop

PCL 'ACCURA 1' Handheld Digital Tyre Inflator

Approved to German standard PTB 8.08/06.04 and to BS EN 12645 : 2014.

- **Light weight**
- **Shock resistant**
- **Easy to read digital display**
- **Maximum inflation pressure of 12 bar, resolution 0.01 bar, inflation flow 910 l/min at 13 bar**
- **Supply & operating temperature: -20˚C to 60˚C**

Part No.	Qty	Type	Hose Length
AL83	1	Single Clip-On	1.8m (6ft)

PCL Handheld Digital Tyre Inflator

- **Large, clear, easy to read display with backlight**
- **Reliable accuaracy (+/- 1psi up to 60 psi, then 2 psi up to 150 psi) with individual testing and certification**
- **Suitable for all applications including tyreshop environments**
- **Pressure Range: 5 - 170 psi / 0.34 - 12 bar / 34 - 1200 kPa. Maximum Supply Pressure:218 psi / 15 bar / 150 kPa. Inflation flow: 910 l/min**

Part No.	Qty	Type	Hose Length
AL88	1	Single Clip-On	1.8 m (6 ft)

PCL 'Mk4' Air Line Gauge - Spare Hose

Complete with tailpiece.

Part No.	Qty	Length
AL14H	1	0.53 m (21")

PCL 'Tyre Shop' Air Line Gauge - Spare Hose

Complete with tailpiece.

Part No.	Qty	Length
AL42H	1	2.7 m (9')

PCL

PCL Alloy Tyre Inflator

A general purpose tyre inflator with an all alloy body with rubber protected gauge. Dual calibrated: 10-210 lbf/in² and 0.7-15 bar. Simple and easy to use. Ideal for general low volume tyre inflation.

Part No.	Qty	Type	Hose
AL40	1	Single Clip-On	0.85 m

PCL

PCL Dial Type Air Line Gauge Tyre Inflator

Maximum pressure: 170 PSI.

Part No.	Qty	Type	Hose Length
AL43	1	Single Clip-On	1.8 m (6')

JAMEC PEM

JAMEC PEM TDR5000 Dial Gauge Tyre Inflator

Lightweight, durable design ideal for industrial workshops, mechanics and garages.

- IP44 rating – tough, durable and splash resistant
- Large 80 mm dial gauge
- Multi-scale gauge (psi, bar)
- Impact absorbing bumper
- Tough, lightweight diecast aluminium internal body with compositeouter casing
- Wire sheathed hose to eliminate kinking
- Supplied with certificate of calibration

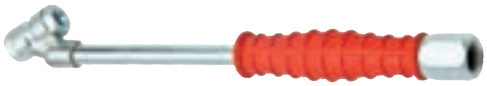
Part No.	Qty	Type	Hose Length
JP43	1	Single Clip On	0.5 m

PCL

PCL Tyre Valve Connectors - Twin Hold-on Open End

Part No.	Qty	Description
AL15	1	Twin Hold-on Open End

PCL



PCL Tyre Valve Connectors - Twin Hold-on Closed End

Part No.	Qty	Description
AL16	1	Twin Hold-on Closed End

PCL

PCL Tyre Valve Connectors - Twin Clip-on Open End

Part No.	Qty	Description
AL25	1	Twin Clip-on Open End

PCL

PCL Tyre Valve Connectors - Twin Clip-on Closed End

Part No.	Qty	Description
AL70	1	Twin Clip-on Closed End

PCL

PCL Tyre Valve Connectors - Single Clip-on Open End

For 6.35 mm bore hose.

Part No.	Qty	Description
AL61	1	Single Clip-on Open End

JAMEC PEM

JAMEC PEM Tyre Valve Connectors - Single Clip-On

Non sealing.

Part No.	Qty	Description
JP61	1	Single Clip-On

JAMEC PEM

JAMEC PEM Valve Connectors - Twin Hold-On - Open End

Non sealing. Rubber grip.

Part No.	Qty	Description
JP15	1	Twin Hold-on Open End

JAMEC PEM

JAMEC PEM Valve Connectors - Twin Hold-On - Closed End

Sealing. Rubber grip.

Part No.	Qty	Description
JP16	1	Twin Hold-on Closed End

JAMEC PEM

JAMEC PEM Valve Connectors - Twin Clip-On - Open End

Rubber grip.

Part No.	Qty	Description
JP25	1	Twin Clip-on Open End

JAMEC PEM

JAMEC PEM Valve Connectors - Twin Clip-On - Closed End

Rubber grip.

Part No.	Qty	Description
JP70	1	Twin Clip-on Closed End

PCL

PCL Tyre Pressure Gauges - Universal Type

Calibrated scale: 10 -160 lbf/in² & 0.8 -11.0 bar.

Part No.	Qty	Description
AL28	1	Universal Type

PCL

PCL Tyre Pressure Gauges - Pocket Type In-Line Head

Calibrated scale: 6 - 50 lbf/in² & 0.5 - 3.4 bar in 0.1 bar units.

Part No.	Qty	Description
AL45	1	Pocket Type In-Line Head

PCL

PCL Tyre Tread Depth Gauges

1.6 mm markings.
Complies with EC directive 89/459/EEC.

- **DVSA approved (previously VOSA)**

Part No.	Pack of	Description
AL29	5	Tread Depth Gauges

PCL

PCL Tyre Valve Tool

Part No.	Qty	Description
AL27	1	Tyre Valve Tool

PCL

PCL Digital Tyre Pressure Gauge

Designed for simplicity of use, simply press the 'ON' button and the gauge is ready to use, with tyre pressures displayed in a choice of four pressure measurements.

- **4 measurement options - psi / bar / kPa / kg/cm²**
- **Clear, large, easy to read display**
- **Replaceable 2 x AAA batteries**
- **Backlit screen for easy reading in dark or low light areas**
- **Supplied with calibration certificate**

Part No.	Qty	Type	Hose Length
AL44	1	Twin Hold-On	0.5 m

Looking for more Digital Tyre Products?

Our range of digital tyre products continues overleaf

RING

RING 'Tyre Repair' Emergency Puncture Repair Sealant

Single use product.
Will NOT repair tyres that have come off the rim, are ripped, have punctures larger than 5 mm or have damaged walls.

- **For tyres up to and including 16"**
- **Provides a temporary repair designed to get you home, no need for any tools or wheel changes**

Part No.	Qty	Size
RTS5	1	400ml Aerosol

PCL

PCL Digital Tyre Pressure & Tread Depth Gauge

- **Self-calibrating with a 90 second auto power off function**
- **Calibration: 0 - 100 psi & 0 - 0.8"**

Part No.	Qty	Description
AL95	1	Digital Tyre Pressure/Tread Depth Gauge

RING

RING Digital Tyre Pressure & Tread Depth Gauge

Complete with soft storage case.
Supplied with 1 x CR2032 battery.

- **Built in tread depth gauge.**
- **360° swivel head provides easier access to tyre valve.**
- **Extra large digital display.**
- **Measures up to 99 PSI in PSI, bar, KPA & kg /cm².**

Part No.	Qty	Description
AL79	1	Digital Tyre Pressure/Tread Depth Gauge

PCL

PCL Foot Pump

Complete with air bed, cycle valve & football adapters.

- **Preset dial gauge**
- **Single steel barrel**

Part No.	Qty	Description
AL80	1	Foot Pump

RING

RING 12V Heavy Duty Tyre Air Compressor Kit

Up to 3 x faster than a standard compressor.
Fitted with fused 12V power plug to protect vehicle electronics. Complete with flexible hose with quick release inflator/deflator and large gradient pressure gauge, industrial style brass nozzle and 7 m coiled air line hose.
Supplied in a durable storage bag with carry handle.

- **Inflates a tyre in less than 90 seconds (Approx. based on inflating a tyre to 35 PSI)**
- **Thermal overload protection**
- **Waterproof On/Off switch**
- **Anti-vibration rubber mounted feet**
- **Pressure gauge in PSI, bar, KPA & kg /cm²**
- **Flow rate 55 litres per min**
- **2 year guarantee**

Part No.	Qty	Description
ERAC900	1	12V Heavy Duty Air Compressor Kit

RING 12V Heavy Duty 4 x 4 Digital Air Compressor

Fitted with 12V in-vehicle charging plug.
Supplied with storage case and
3 piece adaptor set for small inflatables and bikes

- **Ideal for 4 x 4's, SUVs and vans**
- **Inflates 4 x 4 tyre in 5 minutes and a car tyre in 2.5 minutes**
- **Simple set up – Rotate dial to set pressure**
- **Quick set auto stop - Stops inflating once preset pressure is reached**
- **Built-in LED light for safer night time use**

Part No.	Qty	Description
ERAC820	1	12V Digital Heavy Duty Air Compressor

RING Handheld Rechargeable Tyre Air Compressor

Max pressure reading: 120 PSI. Cordless, robust design and small size.
Includes 2 piece adaptor kit for other inflatables and built in 14.5 cm air line.
Complete with handy bike bracket and storage bag. Perfect in an emergency.

- **Ideal for cars, motorbikes, bikes, scooters and other inflatables**
- **Can top up a car tyre in <3 mins or a inflate a bicycle tyre from flat in <2 mins**
- **4 programmable pressure settings with digital autostop for ease of use**
- **Rechargeable with Powerbank function via the USB outlet**
- **Compact design for easy storage - Fits in most bicycle water bottle holders**
- **Easy to read digital display**
- **LED light - Torch facility**

Part No.	Qty	Description
ERTC2000	1	Handheld Tyre Air Compressor

RING 12V Digital Automatic Air Compressor

Fitted with 12V in-vehicle charging plug and 3 m power cable. Complete with 3 piece adaptor kit.

- **Inflates a tyre in 3.5 minutes (Approx. based on a 13" tyre)**
- **Pre-set pressure mode with automatic cut off**
- **Wind up cord**
- **High intensity white LED light**

Part No.	Qty	Description
ERTC450	1	12V Digital Automatic Air Compressor

RING 12V Cordless 4-in-1 Digital Tyre Air Compressor

Supplied with storage case, 10 piece adaptor set for bikes, air beds and other inflatables, 4 x spare valve caps, 1 x spare fuse and 1 x pair gloves.

- **Inflates a tyre or a single air bed in 2 minutes**
- **Quick setting digital gauge automatically stops at set pressure**
- **Measures in PSI, BAR and kPA**
- **Handy on board power bank - USB output 2.4A**
- **Additional 230V AC power cable incl. for recharging**
- **Fitted with a 3.5m power cable & fused 12V DC power plug for use if rechargeable battery is fully discharged**

Part No.	Qty	Description
ERTC6000	1	12V Digital Cordless Air Compressor

S·A·S Assorted Pack - Lubricant Aerosols 500ml

A selection of our fastest moving lubricant aerosols, including the No. 1 selling Universal Maintenance Lubricant used for a multitude of lubricating and maintenance applications.

Part No.	Qty
SASL	Set of 6

6 x 500ml Aerosols: White Grease with PTFE, Clear Grease, Silicone Spray, Chain & Cable Lube, Copper Grease, Universal Maintenance Lubricant.

S·A·S Assorted Pack - Cleaning Aerosols 500ml

A selection of popular cleaning aerosols, plus the No. 1 selling Universal Maintenance Lubricant which can be used for a wide range of everyday cleaning applications.

Part No.	Qty
SASC	Set of 6

6 x 500ml Aerosols: Brake Cleaner, Throttle Body Cleaner, Electrical Cleaner, Label & Gum Remover, Leak Detector, Universal Maintenance Lubricant.

S·A·S Assorted Pack - Valeting Aerosols 500ml

A selection of professional quality valeting aerosols, providing a clean finish for all vehicles. Plus the No.1 selling Universal Maintenance Lubricant, ideal for everyday maintenance applications.

Part No.	Qty
SASV	Set of 6

6 x 500ml Aerosols: Glass Cleaner, Cockpit Spray, Tyre Foam, Multi Purpose Foam Cleaner, Air Duster, Universal Maintenance Lubricant.

S·A·S Assorted Pack - Paint Aerosols 500ml

A selection of top quality paint aerosols, providing a professional finish each and every time. Plus the No. 1 selling Universal Maintenance Lubricant, ideal for everyday maintenance applications.

Part No.	Qty
SASP	Set of 6

6 x 500ml Aerosols: Zinc Spray, Satin Black Paint, Silver Paint, Grey Primer, Red Oxide Primer, Universal Maintenance Lubricant.

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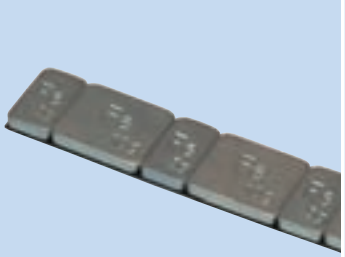
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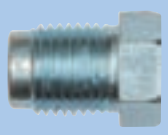
Auto, Commercial + Plant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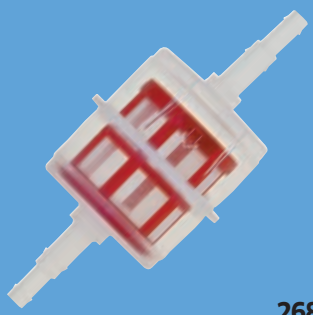
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288 Work Lamps
289 Work Lights
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292 Hydraulic
295 Plant
296 Concrete Remover

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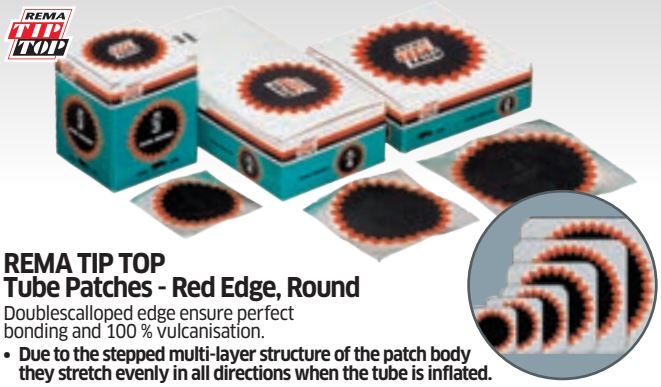


REMA TIP TOP
Tube Patches - Red Edge, Round

Doublescalloped edge ensure perfect bonding and 100 % vulcanisation.

- **Due to the stepped multi-layer structure of the patch body they stretch evenly in all directions when the tube is inflated.**
- **They leave no edges on the repair area.**

Part No.	Box of	Size No.	Ø	Suits
TY111	30	No. 1	35 mm	Bicycles, Motorbikes, Cars
TY112	30	No. 2	45 mm	Motorbikes, Cars
TY113	30	No. 3	54 mm	Cars, Trucks, Agricultural
TY114	30	No. 4	75 mm	Cars, Trucks, Agricultural
TY115	10	No. 5	94 mm	Trucks, Agricultural
TY116	10	No. 6	116 mm	Trucks, Agricultural

REMA TIP TOP
Tube Patches - Red Edge, Oval

Part No.	Box of	Size No.	Size (L x W)	Suits
TY117	10	No. 7B	150 x 75 mm	Trucks, Agricultural

REMA TIP TOP
Tube Patches - Air/Water Valve

Rubber base valves. Doublescalloped edge ensure perfect bonding and 100 % vulcanisation.

- **Due to the stepped multi-layer structure of the patch body they stretch evenly in all directions when the tube is inflated.**
- **They leave no edges on the repair area.**

Part No.	Qty	Size No.	Ø
TY118	10	TR 218A	80 mm

REMA TIP TOP
Tube Patches - Euro Black Edge, Round

Doublescalloped edge ensure perfect bonding and 100 % vulcanisation.

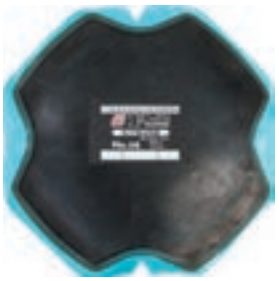
- **Due to the stepped multi-layer structure of the patch body they stretch evenly in all directions when the tube is inflated.**
- **They leave no edges on the repair area.**

Part No.	Qty	Size No.	Ø	Suits
TY101	50	Euro No. 1	35 mm	Bicycles, Motorbikes, Cars
TY102	50	Euro No. 2	45 mm	Motorbikes, Cars
TY103	50	Euro No. 3	54 mm	Cars, Truck, Agricultural
TY104	25	Euro No. 4	75 mm	Cars, Truck, Agricultural
TY105	20	Euro No. 5	94 mm	Trucks, Agricultural
TY106	20	Euro No. 6	116 mm	Trucks, Agricultural

REMA TIP TOP
Tube Patches - Universal

For the repair of small injuries to tube or tubeless radial and cross-ply tyres.

Part No.	Qty	Size No.	Size	Suits
TY364	50	UP 4.5	37 x 37 mm	Cars, Trucks
TY366	50	UP 6	43 x 43 mm	Cars, Trucks
TY368	50	UP 8	55 x 55 mm	Cars, Trucks



REMA TIP TOP
Tube Patches - Cross-Ply Repair Patch, Series PN

Repair patches for durable repairs to cross-ply tyres of all sizes, especially for tread, shoulder and sidewall injuries.

- **Suitable for both self-vulcanising and hotvulcanising processes due to the fully integrated bonding layer. Use in conjunction with the appropriate REMA TIP TOP accelerator solutions**

Part No.	Qty	Size No.	Ø / Ply	Suits
TY143	10	PN 03	100 mm / 2 Ply	Cars, Trucks
TY144	10	PN 04	120 mm / 2 Ply	Cars, Trucks
TY145	10	PN 05	160 mm / 4 Ply	Trucks
TY146	10	PN 06	235 mm / 6 Ply	Trucks

REMA TIP TOP
Tube Patches - RAD Repair, Series 100

Repair patches for durable repairs to all radial tyre sizes and for all applications.

- **Suitable for hot- or self-vulcanisation due to the unique bonding layer in conjunction with the appropriate REMA TIP TOP accelerator cements or solutions.**

Part No.	Qty	Size No.	Size (L x W) / Ply	Suits
TY370	20	110 TL	75 x 55 mm / 1 Ply	Cars
TY371	10	116 TL	104 x 67 mm / 1 Ply	Cars, Trucks, Fork Lift
TY372	10	120 TL	125 x 80 mm / 2 Ply	Trucks
TY373	10	125 TL	125 x 115 mm / 3 Ply	Trucks
TY374	10	135 TL	180 x 130 mm / 4 Ply	Trucks, Fork Lift, EM
TY375	10	140 TL	100 x 195 mm / 3 Ply	Trucks, Fork Lift, EM
TY376	10	142 TL	130 x 260 mm / 4 Ply	Trucks, Fork Lift
TY377	10	144 TL	130 x 335 mm / 4 Ply	Trucks, EM

REMA TIP TOP Combi Plug Patches - 'Minicombi'

Combined patch/plug tyre repair for punctures to the tread of both radial and cross-ply tyres.

- **Repair units vulcanise in the tyre.**
- **The tyre inside and the puncture channel are repaired in one operation.**
- **The ingression of moisture, dirt, stones or all materials that lead to premature deterioration of the casing and belts is prevented.**

Part No.	Qty	Kit No.	For Tread Damage
TY137	Box of 50	A3	Up To 3.5 mm
Box contents: 50 x Repair units with metal pilot. 1 x Instruction manual.			
TY136	Pack of 20	A6	Up To 6 mm
Pack contents: 20 x Repair units with metal pilot			
TY136B	Box of 40	A6	Up To 6 mm
Box contents: 20 x Repair units with metal pilot. 1 x Instruction manual			
TY138	Box of 20	B8	Up To 8 mm
Box contents: 20 x Repair units with metal pilot. 1 x Instruction manual.			
TY139	Box of 20	B10	Up To 10 mm
Box contents: 20 x Repair units. 3 x Pull wires. 1 x Instruction manual.			

REMA TIP TOP 'Cement SVS-VULC' Vulcanising Fluid

For use with tube patches.

Part No.	Qty	Size
TY132	1	25g Tube
TY133	1	50g Tube
TY100	1	175g Can c/w Brush

REMA TIP TOP 'SC-BL' Special Blue Cement

For use with Radial Repair Patches and Combi Plug-Patches.

Part No.	Qty	Size	
TY131	1	30g Tube	(35ml)
TY130	1	200g Can & Brush	

Patch Stitcher

Wooden handle. Wheel diameter: 35 mm.

Part No.	Qty	Description
TY161	1	4 mm Patch Stitcher

REMA TIP TOP Motorcycle Tyre Repair & Inflate Kit - 'Rep & Air' Tubeless

The complete break-down service for getting you moving again.
After the repair, the tyre is inflated from the cartridges within seconds.
Without an air pump and loss of time.Supplied in a sturdy storage box.

- **For sealing of punctures without demounting the tyre from the rim**
- **Includes cartridges for fast and easy inflation of the tyre after the repair**
- **Suitable only for temporary repair of mounted tyres**

Safety Warning! The tyre should be checked/repaired permanently after 400 km maximum (at a maximum speed of 60 km/h) by a tyre expert or workshop.

Part No.	Qty	Description
TY191	1 Kit	REP & AIR Tubeless Kit

Kit contents: 3 x Super Sealastic repair plugs. 1 x Special Cement BL: 4 g tube. 1 x Inserting tool. 1 x Clasp knife. 1 x Chalk. 3 x Cartridges: 16 g each. 1 x Cartridge adapter. 1 x Cartridge freeze protector. 1 x Instruction manual.

REMA TIP TOP Tyre Repair Workshop Kit

Supplied in a sturdy storage box.

Part No.	Qty	Kit No.	Suits
TY190	1 Kit	TT 30	Truck, Tractor

Kit contents:12 x Patches Size 1. 6 x Patches Size 3. 2 x Patches Size 4. 1 x Patch Size 5. 3 x Patches Size 7. 2 x Patches Size 7B. 2 x Cross-Ply repair patch: PN 03. 1 x Tube of SVS solution: 50 g. 2 x Rasps. 1 x Rasp handle. 1 x Stitcher. 1 x Instruction manual.

MARKAL 'B Paintstik' Markers

Marks on rough, smooth, rusty or dirty surfaces

Part No.	Box of	Colour
VC432	12	Yellow
VC433	12	White

Universal Yellow Markers

For use on metal, glass rubber, etc. Can be used on wet surfaces.

Part No.	Pack of	Type
VC430	12	Pencils

Universal Yellow Markers

For use on metal, glass rubber, etc. Can be used on wet surfaces.

Part No.	Pack of	Type
VC431	12	Blocks

REMA TIP TOP 'Sealastic' Tyre Repair Kit

Temporary nail hole repair for cross-ply truck tyres mounted on the rim (max. injury size 8 mm) as well as EM and agricultural tyres (max. injury size 15 mm). Also suitable for tubeless radial EM tyres (up to a maximum speed of 40 km/h, if the carbide mill cutter, pointed is used.

Part No.	Qty	Description
TY192	1 Kit	Tyre Repair Kit

Box contents: 10 x Repair units. 2 x Special Cement BL: 40 g cans. 1 x Insertion tool for EM. 1 x Rasp Ø 6.5 mm. 1 x Instruction manual.

REMA TIP TOP ATV/Quad Bike Repair Kit

Supplied in robust storage case.

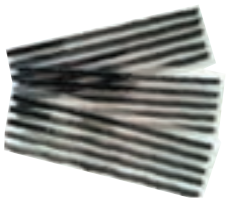
Part No.	Qty	Description
TY197	1 Kit	ATV Repair Kit

Kit contents: 50 x Repair Strings. 1 x Hand rasp. 1 x Inserting tool. 1 x Special Cement BL: 225g tin.

REMA TIP TOP 'Sealfix' String - Long Type

For temporary repairs of tread punctures.

Part No.	Qty	Colour	Length
TY193	25	Brown	200 mm



REMA TIP TOP 'Sealfix' String - Long Type

For temporary repairs of tread punctures.

Part No.	Qty	Colour
TY194	25	Black

Insert Tool T-Handle

Chrome plated replaceable needle. Supplied with spare needle.

Part No.	Qty	Size
TY164	1	3" Blade Length

REMA TIP TOP 'Sealastic' Plugs - Refill Pack

Temporary nail hole repair for cross-ply truck tyres mounted on the rim (max. injury size 8 mm) as well as EM and agricultural tyres (max. injury size 15 mm). Also suitable for tubeless radial EM tyres (up to a maximum speed of 40 km/h, if the carbide mill cutter, pointed is used.

Part No.	Qty	Size No.	Type	Suits
TY195	20	TT 611	Truck Plugs	Trucks

REMA TIP TOP 'Sealastic' Plugs - Refill Pack

Temporary nail hole repair for cross-ply truck tyres mounted on the rim (max. injury size 8 mm) as well as EM and agricultural tyres (max. injury size 15 mm). Also suitable for tubeless radial EM tyres (up to a maximum speed of 40 km/h, if the carbide mill cutter, pointed is used.

Part No.	Qty	Size No.	Type	Suits
TY196	20	TT 612	EM Plugs	Earth Movers

REMA TIP TOP 'Sealastic' Insert Tool

Part No.	Qty	Blade Length
TY165	1	230 mm

REMA TIP TOP 'Remacure' Insert Tool - ATV

Part No.	Qty	Description
TY167	1	ATV Insert Tool

REMA TIP TOP 'Remacure' Spiral Awl

Part No.	Qty	Blade Ø x Length
TY168	1	6 mm x 4"

REMA TIP TOP 'Sealastic' Hand Rasp

Part No.	Qty	Blade Ø x Length
TY166	1	6.5 x 190 mm

Bead Sealer

Can be used on cross-ply and radial tyres. Brush in can lid.

Part No.	Qty	Size
TY310	1	1 Litre Can

REMA TIP TOP 'MONT 2000' Bead Lubricant (Tyre Soap)

White. For all standard mounting application.

- **Designed for car and truck tyre mounting**

Part No.	Qty	Size
TY300	1	5 kg Tub

REMA TIP TOP Tyre And Tube Mounting Compound

Can be used as a "flexible pump ring" for all tyre mounting operations.

- **Stiff paste with stable viscosity to seal thegap between tyre bead and rim edge**

Part No.	Qty	Size
TY302	1	10 kg Bucket

REMA TIP TOP Bead Paste 'Black Tyre Paste'

Used for mounting and demounting all types and sizes of tyres.

- **Black in colour - Leaves no visible residue on tyre after mounting**

Part No.	Qty	Size
TY301	1	5 kg Tub

REMA TIP TOP Talcum Powder

For use with mounting tube tyres.

- **Fine-grained**
- **Asbestos free**

Part No.	Qty	Size
TY332	1	500g

REMA TIP TOP Tyre Sealant

Seals major air loss around the beads and O-rings, conditions the inner liner and maintains the air pressure after punctures, all of which help to control costly downtime.

- **Seals punctures up to 3/16", prevents wheel and rim rusting and eases the detection of sealed holes to maintainance engineers.**
- **Offers proven protection from airloss for fleet tyres used in, Trucking, Construction, Logging, Mining, Farming, Sanitation, Lawn/Turf Care, Public Works and recreational vehicles.**

Part No.	Qty	Size
TY303	1	20 Litre Drum
CAN17	1	Drum Pump

Mounting Paste Brushes

For application of bead lubricants.

Part No.	Qty	Application
TY163	1	For Cars

Mounting Paste Brushes

For application of bead lubricants.

Part No.	Qty	Application
TY162	1	For Trucks

REMA TIP TOP Liquid Buffer

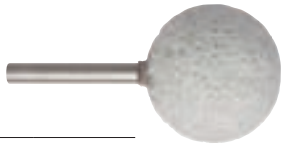
Removes contaminates, silicones, talc's and other mould release agents from tubes and the tyre inner liner prior to mechanical buffing.

Part No.	Qty	Size
TY331	1	1 Litre Can
TY330	1	500g Aerosol

Buffing Stone

Golf ball type.

Part No.	Qty	Shaft Ø
TY160	1	6 mm



RING

RING 'Tyre Repair' Emergency Puncture Repair Sealant

Single use product.
Will NOT repair tyres that have come off the rim, are ripped, have punctures larger than 5 mm or have damaged walls.

- **For tyres up to and including 16"**
- **Provides a temporary repair designed to get you home, no need for any tools or wheel changes**

Part No.	Qty	Size
RTS5	1	400ml Aerosol

Tyre Fill Cartridge

Tyre Fill is ideal for repairs to conveyors, tyres, bumpers and other heavy duty rubbers.

- **A flexible, rapid curing two part repair system.**
- **The product is dispensed using the true mix cartridge system to guarantee proper mixing and ease of use.**

Part No.	Qty	Description
TY340	1	50ml Cartridge
VIP37	12	Applicator Nozzles
TL887	1	50ml Syringe Applicator Gun

Carbide Mill Cutter

For the precise injury preparation on radial and cross-ply tyres.

- **Special profile adapted to steel cord preparation.**
- **Long service life.**

Part No.	Qty	Ø x Length	Blade Length
TY151	1	3.0 x 60 mm	25 mm

Carbide Mill Cutter

For the precise injury preparation on radial and cross-ply tyres.

Part No.	Qty	Ø x Length	Blade Length
TY150	1	6.0 x 90 mm	40 mm

Carbide Mill Cutter

For the precise injury preparation on radial and cross-ply tyres.

Part No.	Qty	Ø x Length	Blade Length
TY153	1	8.0 x 100 mm	50 mm

Carbide Mill Cutter

For the precise injury preparation on radial and cross-ply tyres.

Part No.	Qty	Ø x Length	Blade Length
TY152	1	10.0 x 100 mm	50 mm

Tyre Valves - Snap-in Car/Van

Part No.	Qty	Rim Hole x Length	TR No.	Max Pressure
TY123	25	11.3 x 43 mm	413	4.5 bar

Tyre Valves - Snap-in Car/Van

Part No.	Qty	Rim Hole x Length	TR No.	Max Pressure
TY122	10	11.3 x 33 mm	412	4.5 bar

Tyre Valves - Snap-in Car/Van

Part No.	Pack of	Fits Hole x Length	TR No.	Max Pressure
TY126	25	11.3 x 49 mm	414	4.5 bar
TY126B	100	11.3 x 49 mm	414	4.5 bar

Tyre Valves - Snap-in Car/Van

Part No.	Pack of	Fits Hole x Length	TR No.	Max Pressure
TY127	25	11.3 x 61.5 mm	418	4.5 bar
TY127B	100	11.3 x 61.5 mm	418	4.5 bar

Tyre Valves - Snap-in 90° Scooter/Motorcycle

Tubeless valves.

Part No.	Qty	Rim Hole
TY259	10	11.5 mm

Tyre Valves - Snap-in HP Van/Transit

Part No.	Qty	Rim Hole
TY257	10	11.5 mm

Tyre Valves - Snap-in Air/Water Tractor

Tubeless valves.

Part No.	Qty	Rim Hole x Length
TY256	10	16 x 53 mm

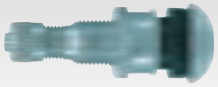
Tyre Valve Cores - Earth Movers

Part No.	Qty	Type
TY267	10	Short

Tyre Valve Cores

Short.

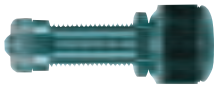
Part No.	Pack of	Description
TY121	100	Tyre Valve Cores



Tyre Valves - Clamp-in Cars

Metal valve.

Part No.	Qty	Rim Hole
TY263	10	11.3 mm



Tyre Valves - Clamp-in Motorcycle

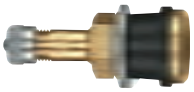
Installation torque: 7-10 Nm.

Part No.	Qty	Rim Hole x Length
TY266	10	8.3 x 33 mm

Tyre Valve Extensions - 90° Motorcycle

Metal.

Part No.	Qty	Type
TY264	5	90° Bend



Tyre Valves - Clamp-in Truck/Bus

Metal valve. Installation torque: 4-6 Nm.

Part No.	Qty	Rim Hole
TY251	10	16 mm

Tyre Valves - Clamp-in 45° Safety Hump/ EVA Truck/Bus

Metal valve. Installation torque: 13-15 Nm.

Part No.	Qty	Rim Hole
TY254	10	9.7 mm

Tyre Valves - Clamp-in Truck

Metal valve. Installation torque: 13-15 Nm.

Part No.	Qty	Rim Hole
TY253	10	9.7 mm

Tyre Valves - Clamp-in 90° Truck/Bus

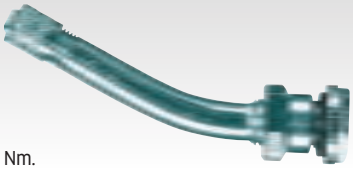
Metal valve. Installation torque: 4-6 Nm.

Part No.	Qty	Rim Hole
TY252	10	16 mm

Tyre Valves - Clamp-in Air/Water Tractor

Metal valve.

Part No.	Qty	Rim Hole x Length
TY258	10	16 x 50 mm



Tyre Valves - Clamp-in 153° Truck/Bus

Nickel-plated metal valve.
For alloy rims. Installation torque: 9-14 Nm.

Part No.	Qty	Rim Hole
TY255	5	9.7 mm

Tyre Valve Extensions - PVC Truck

Plastic.

Part No.	Qty	Size
TY245	10	115 mm
TY246	10	150 mm
TY247	10	170 mm

Tyre Valve Extensions - Rigid Type

Part No.	Pack of	Length
TY220	5	52 mm
TY221	5	76 mm
TY222	5	100 mm
TY223	5	112 mm
TY224	5	126 mm
TY225	5	160 mm

Tyre Valve Extensions - Flexible

Part No.	Pack of	Length
TY240	5	105 mm
TY241	5	180 mm
TY242	5	210 mm

Tyre Valve Caps

Part No.	Pack of		Type
TY120	100		Plastic - Black
TY125	100		Plastic - Green
TY260	25		Hex Nickel High Pressure
TY262	25		Chromium Metal - Long

ALLIGATOR

ALLIGATOR Double Seal Valve Caps

Part No.	Pack of	Description
TY261	5	Double Seal Valve Caps

Valve Extension Holders

Single.

Part No.	Pack of	Description
TY250	5	Valve Holders

Valve Mounting Tool

Hold-on type.

Part No.	Qty	Description
TY291	1	Valve Mounting Tool

Valve Mounting Tool

Plastic handle for Alloy Wheels.

Part No.	Qty	Description
TY292	1	Valve Mounting Tool

Valve Core Screwdrivers

Part No.	Pack of	Description
TY290	5	Valve Core Screwdrivers

Tyre Lever - HALTE

For use with tubeless truck tyres.

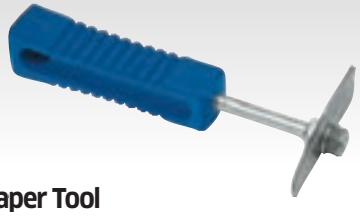
Part No.	Qty	Length
TY178	1	800 mm

Tyre And Mounting Lever - TTL1

Part No.	Qty	Length
TY180	1	34"

Tyre And Mounting Lever - TTL55

Part No.	Qty	Length
TY179	1	15.25"



Inner Liner Scraper Tool

- Especially suitable for profiled inner liners.

Part No.	Qty	Description
TY169	1	Tyre Scraper

Bead Breaker - Commercial

Overall length Closed: 38" Open: 62".

Part No.	Qty	Description
TY175	1	Commercial Bead Knocker

Hand Bead Breaker - BBO Long

Chisel type bead breaker with plastic grip handle.

Part No.	Qty	Type
TY176	1	BBO Long

Hand Bead Breaker - BBO Short

Chisel type bead breaker with plastic grip handle.

Part No.	Qty	Type
TY177	1	BBO Short

Bead Breaker - EVA/EVH Tyres

Developed specifically to displace the tyre bead on EVA, EVH, Actros and other commercial vehicle wheels which have an internal rib. It can also be used to displace the tyres on all commercial wheels to which it may be correctly fitted by trained tyre fitters.

- Can be used with an air wrench or hand spanner to give over five tons of force. Even the toughest tyre can be displaced quickly and easily.

* Ships directly from the supplier

Part No.	Qty	Suits
TY172*	1	EVA/EVH Tyres

Combi Tyre Bead Breaking Kit

Breaker weight: 15.5 kg. Pump weight: 10.4 kg.
Breaking force: 11 tonne.
Max operating pressure: 700 bar.

- **For wheels up to 29"**

*** Ships directly from the supplier**

Part No.	Qty	Suits
TY173*	1 Kit	**Bead Breaking Kit**

Kit contains:
1 x Combi Bead Breaker. 1 x Air Hydraulic Pump with Steel Reservoir, 5 QT. 1 x 8ft Hydraulic Hose wiith coupler.

'Bead Bazooka™' Bead Seater

Gaither's revolutionary 'Bead Bazooka™' combines the unique rapid air release technology and easiest-to-handle tank for seating tubeless tyre beads. Simply fill the tank, aim the redesigned Double Barrel, and FIRE!!

- **The instantaneous blast of air from the 9 litre tank will work on motorbikes, cars, trucks, ATV and small AG tyres**
- **Most powerful automatic release system available in any bead-seating device**
- **Light weight (9.5kg) reduces stress on technician**
- **Push-button trigger allows technician to keep both hands on the tank for more control, making safer than manual release tanks**
- **Fully TÜV, CE & ASME certified.**

*** Ships directly from the supplier**

Part No.	Qty	Size
TY1200*	1	**9 Litre Tank**

REMA TIP TOP Truck Tyre Filler

Tank capacity: 18 Litres. 10 bar.

- **Light in weight.**
- **Can be used to inflate truck tyres in both a horizontal or vertical position.**

*** Ships directly from the supplier**

Part No.	Qty	Description
TY1201*	1	**Truck Tyre Filler**

REMA TIP TOP Regrooving Blades - Angle Blades

Wide blades.
For use with 'Rubber Cut 400/414' and tyre cutters.

- **Blades have one extended side for easier and safer location of the blade into the blade holder.**

Part No.	Pack of	Type	Cut Width	Cut Depth
TY402	20	**W Fix 2**	5 - 6 mm	Max 8 mm
TY403	20	**W Fix 3**	6 - 8 mm	Max 10 mm
TY404	20	**W Fix 4**	9 - 10 mm	Max 14 mm
TY405	20	**W Fix 5**	10 - 14 mm	Max 16 mm

REMA TIP TOP Regrooving Blades - Round Blades

Wide blades. For use with 'Rubber Cut 400/414' and tyre cutters.

- **Blades have one extended side for easier and safer location of the blade into the blade holder.**

Part No.	Pack of	Size No.	Cut Width	Cut Depth
TY412	20	**R Fix 2**	5 - 6 mm	Max 8 mm
TY413	20	**R Fix 3**	6 - 8 mm	Max 10 mm
TY414	20	**R Fix 4**	9 - 10 mm	Max 14 mm
TY415	20	**R Fix 5**	10 - 14 mm	Max 16 mm

REMA TIP TOP 'Rubber Cut 414' Regroover

Allows fast and accurate regrooving of the tread.
8-step temperature switch for different cutting speeds.
Blades NOT included.

- **Ergonomic hande design makes working easier**
- **Insulated cutting head.**
- **Greater freedom of movement and easy guiding thanks to separation of handle and transformer.**
- **Cutting width with FIX regrooving blades 3 - 28 mm.**
- **Prepared for wall mounting.**
- **Lockable carrying handle.**
- **Automatic overheating cutout according to DIN 30600.**
- **GS-tested, meets recognized safety standards.**

Part No.	Qty	Voltage
TY601	1	**110 V**
TY602	1	**240 V**

CHECKPOINT® Indicators - Yellow

Offer a visual indication of wheel nut loosening.

Part No.	Qty	Size
TY417	10	17 mm
TY417C	100	17 mm
TY418	10	18 mm
TY418C	100	18 mm
TY419	10	19 mm
TY419C	100	19 mm
TY421	10	21 mm
TY421C	100	21 mm
TY422	10	22 mm
TY422C	100	22 mm
TY423	10	23 mm
TY424	10	24 mm
TY424C	100	24 mm
TY425	10	25 mm
TY426	10	26 mm
TY426C	100	26 mm
TY427	10	27 mm
TY427C	100	27 mm
TY428	10	28 mm
TY429	10	29 mm
TY429C	100	29 mm
TY430	10	30 mm
TY430C	100	30 mm
TY431	10	31 mm
TY432	10	32 mm
TY432C	100	32 mm
TY433	10	33 mm
TY433C	100	33 mm
TY434	10	34 mm
TY436	10	36 mm
TY438	10	38 mm
TY441	10	41 mm

CHECKPOINT® 'Dustite LR®' Indicators - Yellow

Offer a visual indication of wheel nut loosening.

- Combines a loose wheel nut Indicator, with a standard dust cap for use on wheels without trims
- Offers the additional benefits that come with a wheel nut cap for protecting the nut from weathering, corrosion and general road damage

Part No.	Qty	Size
TY519	10	19 mm
TY521	10	21 mm
TY524	10	24 mm
TY527	10	27 mm
TY530	10	30 mm
TY532	10	32 mm
TY533	10	33 mm

CHECKPOINT® Indicators - Red

Offer a visual indication of wheel nut loosening.

Part No.	Qty	Size
TY417R	10	17 mm
TY419R	10	19 mm
TY421R	10	21 mm
TY424R	10	24 mm
TY426R	10	26 mm
TY427R	10	27 mm
TY428R	10	28 mm
TY429R	10	29 mm
TY430R	10	30 mm
TY432R	10	32 mm
TY433R	10	33 mm
TY438R	10	38 mm
TY441R	10	41 mm

CHECKPOINT® 'Dustite LR®' Indicators - Red

Offer a visual indication of wheel nut loosening.

- Combines a loose wheel nut Indicator, with a standard dust cap for use on wheels without trims.
- Offers the additional benefits that come with a wheel nut cap for protecting the nut from weathering, corrosion and general road damage.

Part No.	Qty	Size
TY530R	10	30 mm
TY532R	10	32 mm
TY533R	10	33 mm

RG TOOLS

NEW

RG TOOLS Locking Wheel Nut Removal Kit

This comprehensive kit provides a method of removing locking wheel nuts and bolts when the specialist key is not available. Supplied in a robust storage case.

- Suitable for McGard style locking wheel nuts and bolts
- Contains 3 double ended keys which can be formed to suit the profile of the locking wheel nut/bolt
- For use on BMW, VAG, Ford, PSA, OPEL/Vauxhall and Volvo

Part No.	Qty	Description
RG10600	1 Kit	12 Piece Kit

Kit contents: 1 x Impact Driver, 1 x Main Body, 1 x Blade A, 1 x Blade B, 1 x Blade C, 1 x Centre Punch, 1 x Hand Protection Ring, 1 x Mandrel A, 1 x Mandrel B, 1 x Coiled Spring, 1 x Spare Ring, 1 x 24 mm 1/2" Impact Socket.

RG TOOLS

NEW

RG TOOLS Replacement Removal Key

Keys feature a large and a small mouldable end. When correctly formed to the locking wheel nut/bolt head pattern a single key can remove all locking wheel nuts/bolts from the vehicle.

- Can be used in conjunction with RG10600 to remove 'McGard' style locking wheel nuts/bolts fitted as OE by over 30 vehicle manufacturers
- Manufactured from high quality alloy steels
- For single use, cannot be reformed for use on another vehicle

Part No.	Qty	Description
RG10602	Pack of 10	Replacement Keys
RG10604	1	Replacement Key

OE Quality Adhesive Wheel Weights - Steel

General use.

Part No.	Qty	Weight
TW560	Pack of 25	60g Strips
TW600	Box of 100	60g Strips

Black Adhesive Wheel Weights - Steel

General use.

Part No.	Pack of	Weight	Strip Dims: W x H x L
TW700	50	4 x 5g & 4 x 10g	19 x 4 x 138
TW701	100	4 x 5g & 4 x 10g	19 x 4 x 138

Black Adhesive Wheel Weights For Motorcycles - Steel

For motorcycle wheels.

Part No.	Pack of	Weight	Strip Dims: W x H x L
TW702	50	4 x 5g & 4 x 10g	15 x 4.8 x 133

HOFMANN® POWER WEIGHT

HOFMANN 'Type 706' Black Adhesive Wheel Weights For Motorcycles - Lead

For motorcycle wheels.

Part No.	Pack of	Weight	Strip Dims: W x H x L
TW703	50	8 x 5g	10 x 4.8 x 105

RGTOOLS

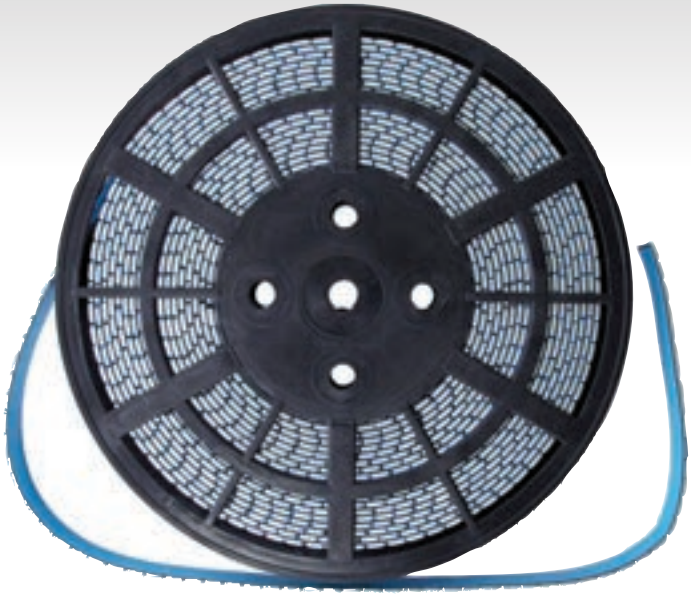
RG TOOLS Wheel Balancing Weight Pliers

Chrome vanadium steel. Phosphated finish, PVC grips.
Includes flat blade for removing wheel trims.

Part No.	Qty	Length	
RG10340	1	255 mm	10"

Wheel Weight Adhesive Removing Tool

Part No.	Qty	Description
TY170	1	Adhesive Removing Tool



OE Quality Adhesive Wheel Weights - Steel

Supplied on a dispenser spool.

Part No.	Roll of	Description
TW500	1,200	5g Adhesive Weights

Strip Weights: 5g (x4), 10g (x 4).

OE Quality Wheel Weights - Zinc

For standard steel wheels.

Part No.	Pack of	Weight
TW105	100	5g
TW110	100	10g
TW115	100	15g
TW120	100	20g
TW125	100	25g
TW130	100	30g
TW135	50	35g
TW140	50	40g

OE Quality Wheel Weights - Zinc. Plastic Coated for Alloy Wheels

Plastic Coated to OE standards.
Designed to fit most European cars with rim horns 4.5/6.5mm thick.

Part No.	Qty	Weight
TW405	100	5g
TW410	100	10g
TW415	100	15g
TW420	100	20g
TW425	100	25g
TW430	100	30g
TW435	50	35g
TW440	50	40g

Tyre Bath

- For identifying the location of punctures or bead leaks in car tyres or inner tubes

* Ships directly from the supplier

Part No.	Qty	Description	Dimensions (L x W x D)
TY1101N *	1	Tyre Bath	90 x 49 x 33 cm

Wheel Chock - Commercial

Natural/SBR Rubber. Dimensions (L x W x H): 230 x 160 x 205 mm..

Part No.	Qty	Description	Max Load	Weight
TY174	1	Wheel Chock	44 Tonnes	3.6 kg

OMEGALIFT

OMEGA Axle Stands - Low Entry

Dimensions: (L x W x H):
208 x 108 x 284 mm.

- Fitted with base plates to ensure even distribution of the load

Part No.	Qty	Capacity (Per Pair)	Max Height	Min Height
TY1014	Set of 2	2.8 Tonnes	450 mm	305 mm

COMPAC

COMPAC Hydraulic Trolley Jack

- Low entry height
- Lift and turn lowering system prevents unintentional lowering
- Additional foot pedal pumping feature provides fast saddle raising to the load
- Pressure relief valve prevents overloading
- Safety lowering control valve for safe lowering even under load

* Ships directly from the supplier

Part No.	Qty	Llifting Capacity	Lifting Height	Chassis Length
TY1020 *	1	2 Tonnes	500 mm	720 mm

COMPAC

COMPAC Axle Stands - Low Entry Screw Type

Weight: 11.8 kg each.
Fully welded structure
in high quality steel.
Solid pillars. Solid spindles.

- Fitted with base plates to ensure even distribution of the load
- Designed specifically for Low-Entry applications

Part No.	Qty	Capacity (Per Pair)	Max Height	Min Height
TY1011	Set of 2	24 Tonnes	500 mm	340 mm

selson

SELSON Air Jack Bellows - 2 Bag Type

Complete with extensions.
Working pressure: 100 psi.

- **Fast and friendly**
- **Designed for stability**
- **Overload safety valve**
- **Only one airline required**

Part No.	Qty	Lifting Capacity	Lifting Height	Min Height
TY1000	1	**2.5 Tonnes**	340 mm	130 mm

OMEGALIFT

OMEGA Extra Low Bottle Jack - Hydraulic

Weight: 9.4 kg.

Part No.	Qty	Capacity	Max Height	Min Height
TY1005	1	**20 Tonnes**	285 mm	165 mm

OMEGALIFT

OMEGA Bottle Jack - Air/Hydraulic

Weight: 39 lbs.

Part No.	Qty	Capacity	Max Height	Min Height
TY1002	1	**20 Tonnes**	18 1/4"	9 1/2"

OMEGALIFT

OMEGA Bottle Jack - Hydraulic

Weight: 12.5 kg. Fabricated from hard-cast steel with heat-treated critical stress areas.

- **Hydraulic system is protected from internal damage by a patented by-pass mechanism**
- **Machined and polished cylinders with die-cut threads provide non-abrasive leak-free, durable performance**

Part No.	Qty	Capacity	Max Height	Min Height
TY1006	1	**20 Tonnes**	475 mm	242 mm

WINNTEC

WINNTEC Low Bottle Jack - Air/Hydraulic

Weight: 10 kg.

Part No.	Qty	Capacity	Max Height	Min Height
TY1003	1	**20 Tonnes**	261 mm	146 mm

MEGA

MEGA Bottle Jack - Air/Hydraulic

Supplied with hose and trigger.
Operating pressure: 7 bar/100 psi.
Weight: 15.5 kg.

- **Can also be operated manually as an alternative to the normal air/hydraulic using the pump and supplied pump handle**
- **Heavy duty saddle**
- **Integrated carrying handle**

Part No.	Qty	Lifting Capacity	Max Height	Min Height
TY1001	1	**30 Ton**	447 mm	234 mm

MEGA

MEGA Bottle Jack - Hydraulic

Weight: 14.5 kg. High quality lifting jacks manufactured to meet rigid safety and quality standards. Suppied with pump handle.

- **Heavy duty saddle**
- **Integrated carrying handle**

Part No.	Qty	Capacity	Max Height	Min Height
TY1004	1	**30 Ton**	467 mm	242 mm

BAILCAST BRITISH MADE QUALITY

BAILCAST 'Maxiboot' Universal CV Boot Kit

Complete with 2 x stainless steel clamps, 60g sachet of MoS2 CV grease and instructions.
Shaft Ø: 28-40 mm. Join Ø: 76-120 mm.

- **For large CV joints and drive shafts.**

Part No.	Qty	Description
CVB88	1 Kit	**CV Boot Kit**

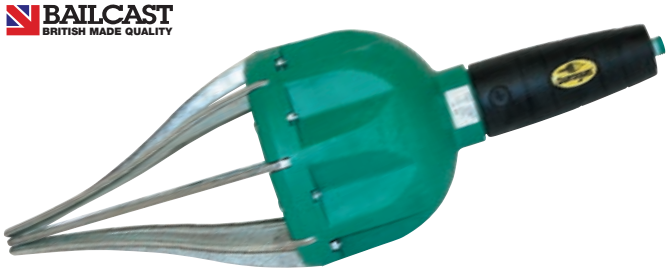
BAILCAST BRITISH MADE QUALITY

BAILCAST 'Uniboot' Stretchy Drive Shaft Boot Kit

Complete with 2 x stainless steel clamps, 60g sachet of MoS2 CV grease and instructions.
Shaft Ø: 19-28 mm. Join Ø: 56-110 mm.

Part No.	Qty	Description
CVB96	1 Kit	**Drive Shaft Boot Kit**
CVB96B	12 Kits	**Drive Shaft Boot Kits**

BAILCAST BRITISH MADE QUALITY



BAILCAST 'Duragun' Pneumatic Fitting Tool

Time-saving tool made for stretching CV boots over CV joints without dismantling the joint. Standard air line fitting.

Part No.	Qty	Description
TL994	1	**Pneumatic Fitting Tool**

BAILCAST BRITISH MADE QUALITY

BAILCAST CV Boot Fitting Cone

Fits CV joints of up to 95 mm. Stretch the CV Boots over the fitting cone using the Rubber Care lubricant. No dismantling of the CV joint is required!

Part No.	Qty	Description
TL992	1	**Fitting Cone**

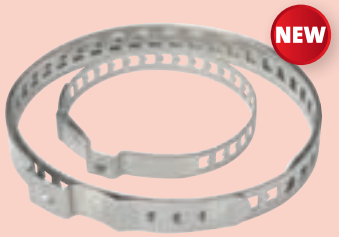
Ace W4

ACE W4 Universal CV Boot Clips

18/8 INOX (AISI 304/A2).

Part No.	Pack of	Range	Band Width
ACE4907	100	**20-45 mm**	6.4 mm
ACE4908	100	**45-120 mm**	8 mm

Ace W4



ACE W4 Universal CV Boot Clip Kit

18/8 INOX (AISI 304/A2).

Part No.	Pack of
ACE4579	1 Kit

Contents: 1x 20-45 mm, 1x 45-120 mm

CV Boot Metal Clamps

Stainless steel.

Part No.	Pack of	Size	Range
HCV1	20	**Small**	19 - 40 mm
HCV2	20	**Large**	50 - 110 mm

OETIKER

OETIKER PG159 CV Boot Clamps

304 stainless steel.

- **Simple and fast installation - visible deformation provides evidence of proper closure**

Part No.	Pack of	Size	Range	Width × Thickness
HCV10	10	**Small**	25 - 50 mm	7.0 x 0.8 mm
HCV20	10	**Large**	40 - 110 mm	7.0 x 0.8 mm

CV Boot Clamp Pliers

Part No.	Qty	Description
TL928	1	**CV Boot Clamp Pliers**

Dust Cover for Ball Joints

Black rubber. Complete with rubber O-rings.

Part No.	Pack of	Small Hole Ø	Large Hole Ø	Height
DC1	10	**10.5 mm**	25 mm	23 mm

Dust Cover for Ball Joints

Black rubber. Complete with rubber O-rings.

Part No.	Pack of	Small Hole Ø	Large Hole Ø	Height
DC4	10	**15 mm**	30 mm	25 mm

Dust Cover for Ball Joints

Black rubber. Complete with rubber O-rings.

Part No.	Pack of	Small Hole Ø	Large Hole Ø	Height
DC2	10	**12 mm**	28 mm	26.5 mm

Dust Cover for Ball Joints

Black rubber. Complete with rubber O-rings.

Part No.	Pack of	Small Hole Ø	Large Hole Ø	Height
DC5	10	**18.5 mm**	28.6 mm	15.5 mm

Dust Cover for Ball Joints

Black rubber. Complete with rubber O-rings.

Part No.	Pack of	Small Hole Ø	Large Hole Ø	Height
DC3	10	**13 mm**	35.5 mm	30 mm

Dust Cover for Ball Joints

Black rubber. Complete with rubber O-rings.

Part No.	Pack of	Small Hole Ø	Large Hole Ø	Height
DC6	10	**18 mm**	40.5 mm	37 mm

1:1 Actual Size Images

SAS

S·A·S Rubber Care

Maintains rubber seals on doors, bonnets, tailgates, etc.
Can be used on tyres, rubber mats and rubber trim strips.

- **Suitable for use with CV Boot Fitting Cone (Part No. TL992).**
- **Reduces the effect of spray and salt water**
- **Reduces the effects of diluted acids and alkalines**
- **Prevents rubber parts ageing and cracking and eliminates squealing noises from dry rubber**
- **Silicone FREE formula**

Part No.	Pack of	Size
SAS57	6	**500ml Aerosols**

Assorted Box of Dust Covers for Vehicle Ball Joints

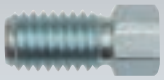
Black rubber.
Complete with rubber O-rings.

Part No.	Box of
AB220	**10 Kits**

2 x Each Kit: DC1, DC2, DC3, DC4, DC5.

Brake Nuts Male - Metric

3.8



Length: 19.5 mm. Internal Ø: 3.8 mm

Part No.	Pack of	Ø x Pitch
BN161	25	M8 x 1.25 mm

Suits: Citroën

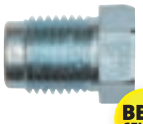
3/16"

Length: 20.8 mm. Internal Ø4.8 mm

Part No.	Pack of	Ø x Pitch
BN162	25	M9 x 1.25 mm

Suits: Citroën

3/16"

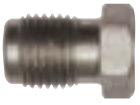


BEST SELLER

Length: 16.5 mm

Part No.	Pack of	Ø x Pitch
BN11	50	M10 x 1.00 mm

3/16"

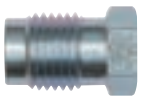


Length: 16.7 mm

Part No.	Pack of	Ø x Pitch
BN167	10	M10 x 1.00 mm

Suits: Alfa Romeo, Audi, BMW, Chevrolet, Citroën, Dacia, Fiat, Ford, Honda, Hyundai, Kia, Mitsubishi, Mercedes, Nissan, Opel, Peugeot, Renault, Rover, Saab, Seat, Skoda, Suzuki, Toyota, Volvo, VW

3/16"

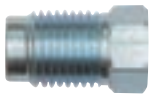


Length: 16.7 mm

Part No.	Pack of	Ø x Pitch
BN169	25	M10 x 1.00 mm

Suits: Chevrolet, Daihatsu, Daewoo, Hyundai, Kia, Nissan, Opel, Skoda, Toyota, Vauxhall, VW

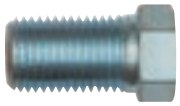
3/16"



Length: 18 mm

Part No.	Pack of	Ø x Pitch
BN175	50	M10 x 1.00 mm

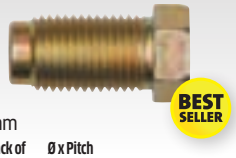
3/16"



Length: 21.5 mm

Part No.	Pack of	Ø x Pitch
BN21	50	M10 x 1.00 mm

3/16"

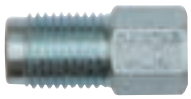


BEST SELLER

Length 22.8 mm

Part No.	Pack of	Ø x Pitch
BN12	50	M10 x 1.00 mm

3/16"



Length 23 mm

Part No.	Pack of	Ø x Pitch
BN170	25	M10 x 1.00 mm

Suits: Honda, Kia, Suzuki, Toyota, Volvo, VW

3/16"

Length 24 mm

Part No.	Pack of	Ø x Pitch
BN176	50	M10 x 1.00 mm

Suits: Kia, Nissan, Suzuki, Toyota

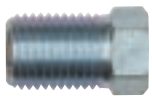
3/16"

Length 25 mm

Part No.	Pack of	Ø x Pitch
BN168	25	M10 x 1.00 mm

Suits: Hyundai

3/16"



Length 18 mm

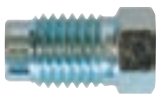
Part No.	Pack of	Ø x Pitch
BN13	50	M10 x 1.00 mm

3/16"

Length 13.5 mm

Part No.	Pack of	Ø x Pitch
BN14	50	M10 x 1.25 mm

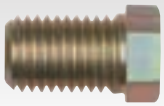
3/16"



Length 19 mm

Part No.	Pack of	Ø x Pitch
BN15	50	M10 x 1.25 mm

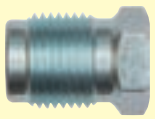
3/16"



Length 19.6 mm

Part No.	Pack of	Ø x Pitch
BN16	50	M10 x 1.25 mm

M6

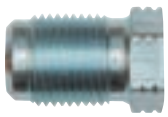


Length 18 mm

Part No.	Pack of	Ø x Pitch
BN183	25	M12 x 1.00 mm

Suits: Audi, Ford, Peugoet, Saab, Seat, Volvo, VW

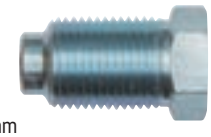
3/16"



Length 20 mm

Part No.	Pack of	Ø x Pitch
BN17	50	M12 x 1.00 mm

3/16"

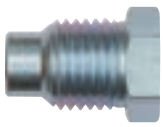


Length 24 mm

Part No.	Pack of	Ø x Pitch
BN184	25	M12 x 1.00 mm

Suits: Alfa Romeo, Citroën, Fiat, Mazda, Peugeot

3/16"

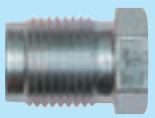


Length 19.5 mm

Part No.	Pack of	Ø x Pitch
BN190	25	M12 x 1.25 mm

Suits: Iveco

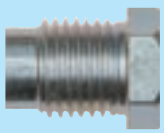
1/4"



Length 18 mm

Part No.	Pack of	Ø x Pitch
BN185	25	M12 x 1.00 mm

1/4"

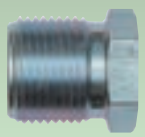


Length 19.4 mm

Part No.	Pack of	Ø x Pitch
BN189	25	M12 x 1.25 mm

Suits: Eastern European, Fiat 238

5/16"



Length 16.5 mm

Part No.	Pack of	Ø x Pitch
BN193	25	M14 x 1.00 mm

Suits: Audi, BMW, MAN, Mercedes, VW For double flaring

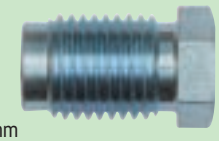
5/16"

Length 16.5 mm

Part No.	Pack of	Ø x Pitch
BN192	25	M14 x 1.00 mm

Suits: Audi, BMW, MAN, Mercedes, VW For single flaring

5/16"



Length 25 mm

Part No.	Pack of	Ø x Pitch
BN195	50	M14 x 1.5 mm

Suits: Audi, BMW, MAN, Mercedes, VW For double flaring

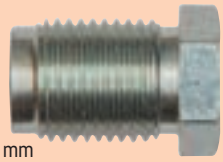
5/16"

Length 25.5 mm

Part No.	Pack of	Ø x Pitch
BN194	25	M14 x 1.5 mm

Suits: Audi, BMW, MAN, Mercedes, VW For single flaring

3/8"



Length 26.5 mm

Part No.	Pack of	Ø x Pitch
BN197	25	M16 x 1.5 mm

Suits: Audi, BMW, MAN, Mercedes, VW

Brake Nuts Male - Imperial

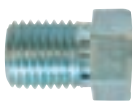
3/16"

Length 14.4 mm

Part No.	Pack of	Ø x Pitch
BN105	50	3/8" x 24 UNF

Suits: Volvo and US cars

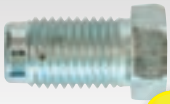
3/16"



Length 16 mm

Part No.	Pack of	Ø x TPI
BN2	50	3/8" UNF x 24 TPI

3/16"

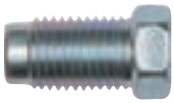


BEST SELLER

Length 20.5 mm

Part No.	Pack of	Ø x Length
BN1	50	3/8" UNF x 24 TPI

3/16"

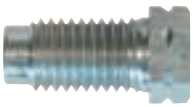


Length 21 mm

Part No.	Pack of	Ø x Pitch
BN103	50	3/8" x 24 UNF

Suits: Renault, Saab, Vauxhall, Volvo

3/16"



Length 23.5 mm

Part No.	Pack of	Ø x TPI
BN3	50	3/8" BSF x 20 TPI

3/16"

Length 23.4 mm

Part No.	Pack of	Ø x Pitch
BN104	50	3/8" x 20 UNF

Suits: Rover

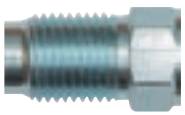
3/16"

Length 21 mm

Part No.	Pack of	Ø x Pitch
BN111	50	7/16" x 24 UNF

Suits: British and US cars with 1/4" tubes

3/16"

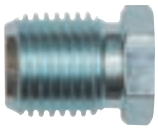


Length 22.7 mm

Part No.	Pack of	Ø x Pitch
BN108	50	7/16" x 24 UNF

Suits: Peugeot

3/16"

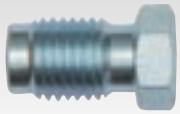


Length 18 mm

Part No.	Pack of	Ø x Pitch
BN113	50	1/2" x 20 UNF

Suits: Peugeot

3/16"

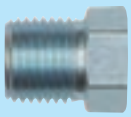


Length 21.5 mm

Part No.	Pack of	Ø x Pitch
BN115	50	7/16" x 20 UNF

Suits: Renault, Rover, Talbot

1/4"



Length 15.5 mm

Part No.	Pack of	Ø x Pitch
BN110	50	7/16" x 24 UNF

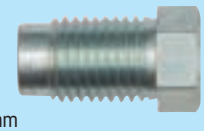
Suits: British and US cars with 1/4" tubes

M6

Length 17 mm

Part No.	Pack of	Ø x Pitch
BN114	25	1/2" x 20 UNF

1/4"



Length 23 mm

Part No.	Pack of	Ø x Pitch
BN117	25	7/16" x 20 UNF

Suits: Peugeot

1/4"

Length 22.7 mm

Part No.	Pack of	Ø x Pitch
BN109	50	7/16" x 24 UNF

Suits: Peugeot with 1/4" Tubes

5/16"

Length 15.8 mm

Part No.	Pack of	Ø x Pitch
BN112	50	1/2" x 20 UNF

Suits: Peugeot

3/8"

Length 16.5 mm

Part No.	Pack of	Ø x Pitch
BN118	25	5/8" x 18 UNF

Brake Nuts Female - Metric

Length 15 mm

Part No.	Pack of	Ø x Pitch
BN171	25	M10 x 1.00 mm

Suits: Opel, Volvo

Length 15.5 mm

Part No.	Pack of	Ø x Pitch
BN46	50	M10 x 1.00 mm

Length 23 mm

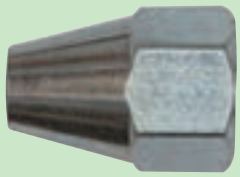
Part No.	Pack of	Ø x Pitch
BN172	25	M10 x 1.00 mm

Suits: Alfa Romeo, Citroen, Fiat, Mazda, Mercedes, Nissan, Opel, Seat

Length 21.5 mm

Part No.	Pack of	Ø x Pitch
BN186	25	M12 x 1.00 mm

Suits: Citroën, Ford, Peugeot, Seat, VW



Length 29 mm

Part No.	Pack of	Ø x Pitch
BN196	25	M14 x 1.5 mm

Length 25.5 mm

Part No.	Pack of	Ø x Pitch
BN198	25	M16 x 1.5 mm

Brake Nuts Female - Imperial

Length 16 mm

Part No.	Pack of	Ø x Pitch
BN106	50	3/8" x 24 UNF

Suits: Volvo

Length 16 mm

Part No.	Pack of	Ø x TPI
BN42	50	3/8" UNF x 24 TPI

Length 17.5 mm

Part No.	Pack of	Ø x TPI
BN41	50	3/8" UNF x 24 TPI

Length 24 mm

Part No.	Pack of	Ø x Pitch
BN116	25	7/16" x 20 UNF

Suits: Bedford with 1/4" Tubes

Assorted Box of Brake Nuts

For 3/16" pipe.

Part No.	Box of
AB45N	150 Pieces

2 x Brake Nuts, Short Males: 3/8" UNF x 24 TPI, 10 x 1.00 mm.
2 x Brake Nuts, Long Males: 3/8" UNF x 24 TPI, 10 x 1.00 mm.
1 x Brake Nuts, Fully Threaded Males: 10 x 1.00 mm.
1 x Part Threaded Males: 12 x 1.00 mm.
1 x Long Females: 3/8" UNF x 24 TPI.
1 x Short Females: 10 x 1.00 mm.
1 x Female Connector: M10 x 1.00mm.

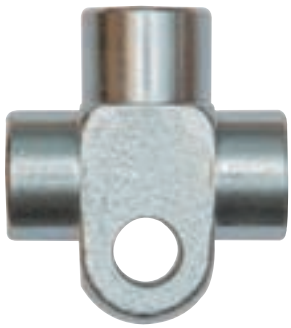
3 Way Connectors - Metric

Length x Width: 35 x 35 mm. Internal Ø: 3.1 mm

Part No.	Pack of	Ø x Pitch
BN67	3	M10 x 1.00 mm

Length x Width 29.8 x 29.8 mm

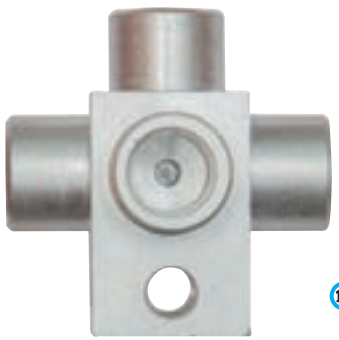
Part No.	Pack of	Ø x Pitch
BN181	2	M10 x 1.00 x 3.00 mm



Length x Width 41 x 36 mm

Part No.	Pack of	Ø x Pitch
BN191	2	M12 x 1.00 x 3.00 mm

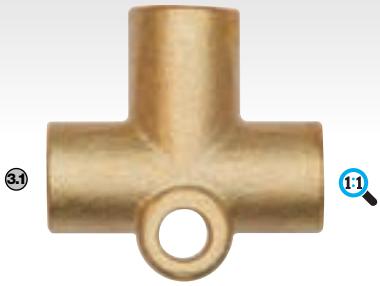
4 Way Connectors - Metric



Length x Width 41 x 41 mm

Part No.	Pack of	Ø x Pitch
BN182	2	M10 x 1.00 x 4.00 mm

3 Way Connectors - Imperial



Length x Width: 35 x 35 mm. Internal Ø: 3.1 mm

Part No.	Pack of	Ø x TPI
BN63	3	3/8" UNF x 24 TPI

Male Connector - Metric

Length: 26.5 mm. Internal Ø: 3.2 mm

Part No.	Pack of	Ø x Pitch
BN62	25	M10 x 1.00 mm

Male Connector - Imperial

Length: 28 mm. Internal Ø: 3.2 mm

Part No.	Pack of	Ø x Pitch
BN107	50	3/8" x 24 UNF

Assorted Box of Brake Tubing Connectors & Brake Bleed Screws - UNF & Metric

For 3/16" pipe.

Part No.	Box of
AB85N	63 Pieces

1 x Male Connector: 10 x 1.00 mm.
2 x Female Connectors: 3/8" UNF x 24 TPI, 10 x 1.00 mm.
2 x 3-way Connectors: 3/8" UNF x 24 TPI, 10 x 1.00 mm.
5 x Brake Bleed Screws: 1/4" UNF x 28 TPI, 3/8" UNF x 24 TPI, M7 x 1.00 mm, M8 x 1.25 mm, M10 x 1.00 mm.

Female Connectors - Imperial

Length: 32 mm

Part No.	Pack of	Ø x TPI
BN65	25	3/8" UNF x 24 TPI

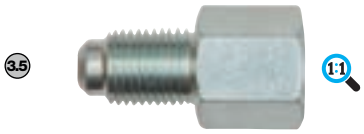
Connectors Female - Metric

Length: 24 mm. Internal Ø: 3.5 mm

Part No.	Pack of	Ø x Pitch
BN174	25	M10 x 1.00 mm

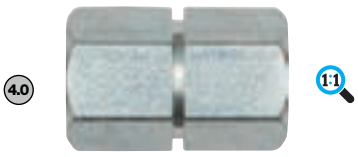
Length: 24 mm: Internal Ø: 3.5 mm

Part No.	Pack of	Ø x Pitch
BN66	25	M10 x 1.00 mm



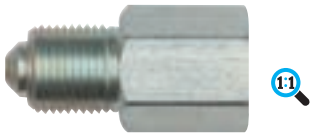
Length: 29 mm. Internal Ø: 3.5 mm

Part No.	Pack of	Ø x Pitch
BN173	10	M10 x 1.00 mm



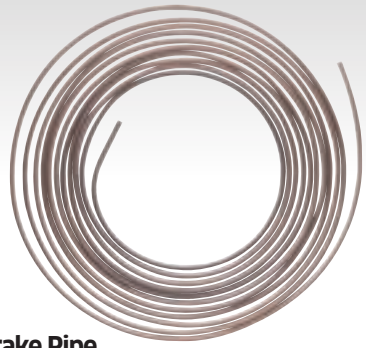
Length: 29 mm

Part No.	Pack of	Ø x Pitch
BN187	10	M12 x 1.00 mm



Length: 32 mm

Part No.	Pack of	Ø x Pitch
BN188	10	M12 x 1.00 mm



Brake Pipe - Seamless Cupro-Nickel

90/10 Cupro-Nickel (CuNi). 22 Gauge.
Conforms to BS EN 12449 CW352H.

- **Seamless tubes offering better resistance to corrosion and splitting.**
- **Coils are eddy current tested to ensure freedom from defects.**

Part No.	Length	O.D.	Max. Work Pressure
BP3	25 ft Coil	3/16"	215 bar (3120 PSI)
BP4	25 ft Coil	1/4"	155 bar (2250 PSI)
BP5	25 ft Coil	5/16"	120 bar (1740 PSI)
BP6	25 ft Coil	3/8"	100 bar (1450 PSI)

Copper Tubing

22 Gauge. BS EN 12449 C106 soft coil.
Maximum working pressure: 200 bar (3,000 PSI)

Part No.	Length	O.D.	Max. Work Pressure
CP11	25 ft Coil	3/16"	200 bar (3000 PSI)

Brake Tubing - Copper

20 Gauge. BS EN 12449 C106 soft coil.
Maximum working pressure: 210 bar (3050 PSI)

Part No.	Length	O.D.	Max. Work Pressure
BP11	25 ft Coil	3/16"	210 bar (3050 PSI)

Bleed Screws Male - Metric

Length 29 mm

Part No.	Pack of	Ø x Pitch
BN85	25	M6 x 1.00 mm

Suits: Audi, BMW, Fiat, Mercedes, Opel, Saab, Seat, VW

Length 38 mm

Part No.	Pack of	Ø x Pitch
BN86	25	M6 x 1.00 mm

Suits: Audi, Seat, Skoda, Subaru, VW

Length 26.2 mm

Part No.	Pack of	Ø x Pitch
BN81	25	M7 x 1.00 mm

Suits: Citroën, Fiat, Ford, Mercedes, Nissan, Opel, Peugeot, Renault, Smart, Suzuki, Volvo

Length 28.6 mm

Part No.	Pack of	Ø x Pitch
BN150	25	M7 x 1.00 mm

Brake System: Aisin, Akebono, AP Lockheed, ATE, Bendix, Bosch, NBK, TRW

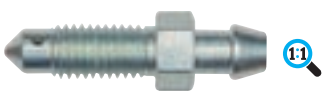
Suits: Alfa Romeo, Austin, Citroën, Fiat, Ford, Lancia, Mazda, MG, Mitsubishi, Nissan, Peugeot, Renault, Rover, Seat, Skoda, Suzuki, Talbot, Toyota, Volvo

Length 30.5 mm

Part No.	Pack of	Ø x Pitch
BN151	25	M7 x 1.00 mm

Brake System: Advics, Aisin, Akebono, AP Lockheed, ATE, Bendix, Bosch, Kelsey Hayes, Nabco, NBK, Nissan, Sumitomo, Toyota, TRW, VAG

Suits: Alfa Romeo, Audi, BMW, Citroën, Dacia, Daihatsu, Fiat, Ford, Honda, Infiniti, Jaguar, Lancia, Land Rover, Lexus, Mazda, Mercedes, Mitsubishi, Nissan, Peugeot, Renault, Rover, Saab, Seat, Skoda, Subaru, Suzuki, Talbot, Toyota, Vauxhall, Volvo, VW



Length 33 mm

Part No.	Pack of	Ø x Pitch
BN153	25	M7 x 1.00 mm

Brake System: Aisin, Akebono, AP Lockheed, ATE, Bosch, Brembo, Sumitomo, Tokico, TRW, Ukendt, ZF

Suits: BMW, Citroën, Daihatsu, Fiat, Hyundai, Infiniti, Isuzu, Lancia, Lexus, Mazda, Mercedes, Mitsubishi, Nissan, Opel, Peugeot, Renault, Saab, Subaru, Suzuki, Toyota, Vauxhall

Length 38.3 mm

Part No.	Pack of	Ø x Pitch
BN152	25	M7 x 1.00 mm

Brake System: Akebono, ATE, Citroën, Sumitomo, TRW, VAG, ZF

Suits: Alfa Romeo, Audi, BMW, Citroën, Dacia, Daihatsu, Ford, Mazda, Opel, Peugeot, Renault, Saab, Seat, Skoda, Subaru, Talbot, Toyota, Vauxhall, Volvo, VW

Length 28 mm

Part No.	Pack of	Ø x Pitch
BN156	25	M8 x 1.00 mm

Brake System: Akebono, ATE, Mando, Sumitomo, Tokico

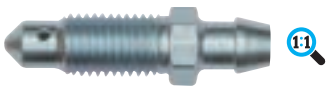
Suits: Hyundai, Kia, Mazda, Mitsubishi, Suzuki

Length 32 mm

Part No.	Pack of	Ø x Pitch
BN154	25	M8 x 1.00 mm

Brake System: Akebono, Sumitomo

Suits: Ford, Kia, Mazda

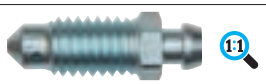


Length 33.5 mm

Part No.	Pack of	Ø x Pitch
BN155	25	M8 x 1.00 mm

Brake System: Akebono, ATE, Delco Moraine, Kelsey Hayes, Sumitomo, TRW

Suits: Kia, Mazda, Mercedes, Opel, Saab, Suzuki, Toyota,



Length 24.5 mm

Part No.	Pack of	Ø x Pitch
BN82	25	M8 x 1.25 mm

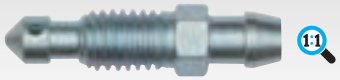
Suits: Alfa Romeo, Autobianchi, Citroën, Daewoo, Fiat, Ford, Honda, Jaguar,Kia, Lada, Lancia, Mazda, Mercedes, Mitsubishi, Nissan, Opel, Peugeot, Polmo, Renault, Rover, Saab, Seat, Talbot, Toyota, Vanden-Plas, Vauxhall, Wartburg, Zastava

Length 32.5 mm

Part No.	Pack of	Ø x Pitch
BN159	25	M8 x 1.25 mm

Brake System: Akebono, ATE, Bendix, Bosch, Brembo, Dunlop, Opel, Sumitomo, TRW

Suits: Abarth, Alfa Romeo, Audi, BMW, Chevrolet, Citroën, Dacia, Daewoo, Fiat, Ford, Honda, Land Rover, Mazda, Mercedes, Mini, Nissan, Opel, Peugeot, Renault, Rover, Saab, Seat, Skoda, Toyota, Vauxhall, Volvo



Length 34.7 mm

Part No.	Pack of	Ø x Pitch
BN160	25	M8 x 1.25 mm

Brake System: Citroën

Suits: Citroën

Length 35.5 mm

Part No.	Pack of	Ø x Pitch
BN158	25	M8 x 1.25 mm

Brake System: Akebono, ATE, Bendix, Brembo, DAC, Dunlop, Opel, TRW

Suits: Chevrolet, Chrysler, Citroën, Daewoo, Ford, Honda, Mercedes, Mini, Opel, Renault, Saab, Skoda, Suzuki, Vauxhall, Volvo

Length 41.5 mm

Part No.	Pack of	Ø x Pitch
BN157	25	M8 x 1.25 mm

Brake System: ATE, TRW

Suits: Citroën, Fiat, Lancia, Mercedes, Opel, Peugeot, Porsche, Seat, Skoda, Smart, Vauxhall, Volvo, VW

Length 30 mm

Part No.	Pack of	Ø x Pitch
BN84	25	M10 x 1.00 mm

Suits: Alfa Romeo, Audi, Austin, BMW, Chevrolet, Chrysler, Citroën, Daewoo, Daihatsu, Dodge, Fiat, Ford, Honda, Hyundai, Iveco, Jaguar, Kia, Land Rover, Mazda, Mercedes, Mitsubishi, Nissan, Opel, Peugeot, Renault, Rover, Saab, Seat, Skoda, Ssangyong, Subaru, Suzuki, Toyota, Vauxhall, Volvo, VW

Length 32 mm

Part No.	Pack of	Ø x Pitch
BN163	25	M10 x 1.00 mm

Brake System: Akebono, Mando, Sumitomo, TRW

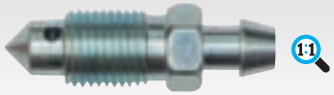
Suits: Chevrolet, Hyundai, Kia, Opel, Vauxhall

Length 36 mm

Part No.	Pack of	Ø x Pitch
BN165	25	M10 x 1.00 mm

Brake System: Advics, Akebono, ATE, Bosch, Daewoo, Kelsey Hayes, Mando, Nissan, Opel, Sumitomo, TRW, VAG

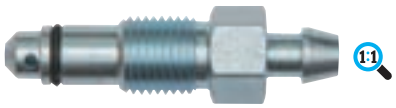
Suits: Alfa Romeo, Audi, BMW, Chevrolet, Chrysler, Citroën, Daewoo, Dodge, Fiat, Ford, Honda, Hyundai, Jeep, Kia, Lancia, Land Rover, Mazda, Mercedes, MG, Mini, Mitsubishi, Nissan, Opel, Peugeot, Rover, Seat, Skoda, Ssangyong, Subaru, Suzuki, Toyota, Volvo, VW



Length 34 mm

Part No.	Pack of	Ø x Pitch
BN164	25	M10 x 1.00 mm

Brake System: Advics, Aisin, Akebono, AP Lockheed, ATE, Bendix, Brembo, DAC, Mando, Nissan, Sumitomo, Tokico, TRW
Suits: Alfa Romeo, Audi, BMW, Chevrolet, Citroën, Daewoo, Daihatsu, Ford, Honda, Hyundai, Infiniti, Isuzu, Jeep, Lancia, Land Rover, Mazda, Mercedes, Mini, Mitsubishi, Nissan, Opel, Peugeot, Renault, Rover, Subaru, Suzuki, Toyota, Vauxhall, VW



Length 42 mm

Part No.	Pack of	Ø x Pitch
BN166	25	M10 x 1.00 mm

Brake System: ATE, TRW
Suits: Mercedes

Length 33 mm

Part No.	Pack of	Ø x Pitch
BN178	25	M10 x 1.25 mm

Brake System: Akebono, Nissin, Sumitomo, TRW
Suits: Honda, MG, Rover, Suzuki

Length 28 mm

Part No.	Pack of	Ø x Pitch
BN177	25	M10 x 1.25 mm

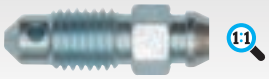
Brake System: Akebono, Nissan, Sumitomo
Suits: Honda, MG, Rover

Length 29.5 mm

Part No.	Pack of	Ø x Pitch
BN179	25	M10 x 1.5 mm

Brake System: Bosch, Sumitomo, Wagner
Suits: Cadillac, Chrysler, Ford, Opel, Vauxhall

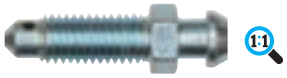
Bleed Screws Male - Imperial



Length 25.5 mm

Part No.	Pack of	Ø x Pitch
BN102	25	5/16" x 24 UNF

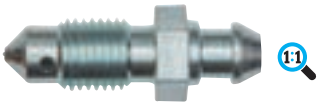
Brake System: Akebono, Mando, Sumitomo
Suits: Hyundai, Kia



Length 28 mm

Part No.	Pack of	Ø x Pitch
BN71	25	1/4" UNF x 28 TPI

Suits: Iveco, Rover, Volvo



Length 32.5 mm

Part No.	Pack of	Ø x Pitch
BN72	25	3/8" UNF x 24 TPI

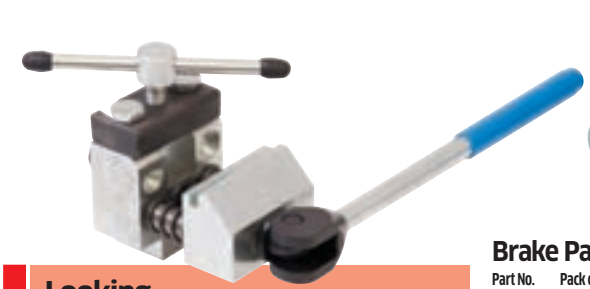
Suits: British Vehicles

Assorted Box of Brake Tubing Connectors & Brake Bleed Screws - UNF & Metric

For 3/16" pipe.

Part No.	Box of
AB85N	63 Pieces

1 x Male Connector: 10 x 1.00 mm.
2 x Female Connectors: 3/8" UNF x 24 TPI, 10 x 1.00 mm.
2 x 3-way Connectors: 3/8" UNF x 24 TPI, 10 x 1.00 mm.
5 x Brake Bleed Screws: 1/4" UNF x 28 TPI, 3/8" UNF x 24 TPI, M7 x 1.00 mm, M8 x 1.25 mm, M10 x 1.00 mm.

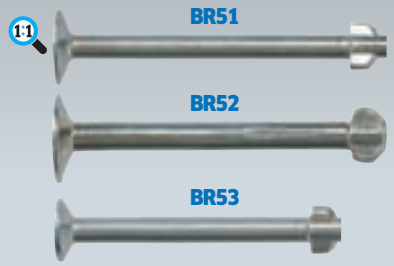


Looking for Brake Pipe Tools?

Our full range can be found from Page 506

Brake Pad Pin Retainers

Part No.	Pack of	Size	Wire Ø
BR6	100	Small	1.2 mm
BR7	100	Large	1.5 mm



Brake Hardware - Pins

Part No.	Pack of	Suits	Length x End Width
BR51	100	Ford	42 x 6 mm
BR52	100	Rover	42 x 8 mm
BR53	100	GM	36 x 6 mm

Brake Hardware - Washers

Part No.	Pack of	Type	Hole Width
BR61	100	Lockheed	8 mm
BR62	100	Girling	6 mm

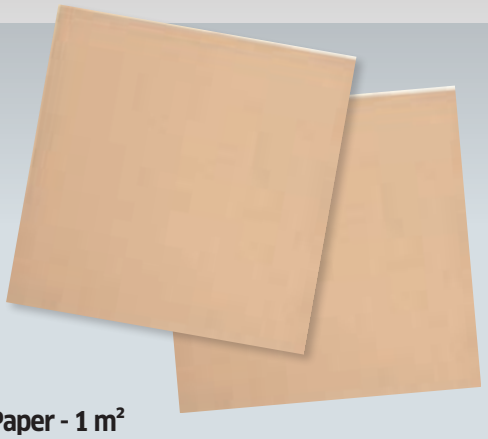
Brake Hardware - Springs

Part No.	Pack of	Suits	Dimensions (Ø x H)
BR71	100	Ford	14.5 x 16.5 mm
BR72	100	GM	14.0 x 20.0 mm
BR73	100	Lockheed	18.5 x 20.0 mm
BR74	100	BL	14.5 x 22.5 mm

Assorted Box of Brake Shoe Hold-Down Kit

Part No.	Box of
AB145N	200 Pieces

3 x Pins, Suits: FORD, GM, ROVER. 2 x Washers: LOCKHEED, GIRLING.
4 x Springs, Suits: FORD, VAUXHALL/GM, Lockheed, BL.



Gasket Paper - 1 m²

Part No.	Pack of	Thickness	
GT14	2	0.4 mm	(1/64")
GT18	2	0.8 mm	(1/32")

Gasket Paper - 30 x 25 cm (12" x 10")

Part No.	Pack of	Thickness	
GT5	50	0.4 mm	(1/64")
GT6	50	0.8 mm	(1/32")

Assorted Pack of Gasket Paper - 30 x 25 cm (12" x 10")

Part No.	Pack of
AP11	30 Pieces

20 x Sheets: 0.4 mm Thick. 10 x Sheets: 0.8 mm Thick.

Assorted Box of Accelerator & Clutch Springs

Part No.	Box of
AB29	40 Pieces

8 x Sizes (Free Length x O.D.): 53 x 12.4 mm, 61.2 x 15.4 mm, 63.4 x 13 mm, 66 x 13.1 mm, 77.4 x 23.15 mm, 82.5 x 12.95 mm, 84.2 x 10.9 mm, 86 x 13.3 mm.

Diesel Fuel Filters

Large in-line type. Hose fitting: 6 or 8 mm Ø.
European manufactured high quality finish.

Part No.	Pack of	Description
DCL64	10	Diesel Fuel Filters

In-Line Fuel Filters - Large

Hose fitting: 6 or 8 mm Ø.

Part No.	Pack of	Description
DCL63	10	Large Fuel Filters

In-Line Fuel Filters - Small

Hose fitting: 6 or 8 mm Ø.

Part No.	Pack of	Description
DCL62	10	Small Fuel Filters

CHEMICO Grinding Paste

Silicone carbide and lithium based grease.
Double-ended tin of Coarse and Fine paste.

- **A handy supply of a Coarse paste to cut and a Fine paste to finish.**
- **It has inherent shear stability, corrosion protection and good sealing properties.**

Part No.	Pack of	Size
GLU13	4	110g Tin

Valve Grinding Sticks

Double ended suction cup.

Part No.	Pack of	Description
TL882A	2	Valve Grinding Sticks

Assorted Box of Core Plugs Cup Type - Metric

Zinc plated mild steel.

Part No.	Box of
AB120	**60 Pieces**

10 x Sizes: 18, 22, 24, 26, 28, 30, 32, 34, 36, 48 mm.

Assorted Box of Core Plugs Cup Type - Imperial

Zinc plated mild steel.

Part No.	Box of
AB30N	**38 Pieces**

8 x Sizes: 7/8", 1 1/4", 1 1/2", 1 5/8", 1 3/4", 1 7/8" (48 mm), 1 5/16", 2".

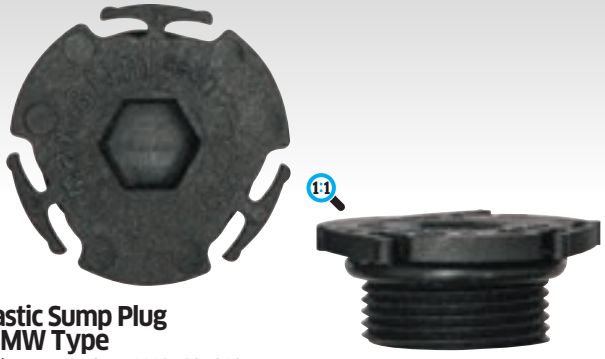
KS TOOLS GERMANY

KS TOOLS Oil Pan Repair Kit

Supplied in robust plastic storage case.

Part No.	Qty	Description
K150.1450	1 Set	**64 Piece Set**

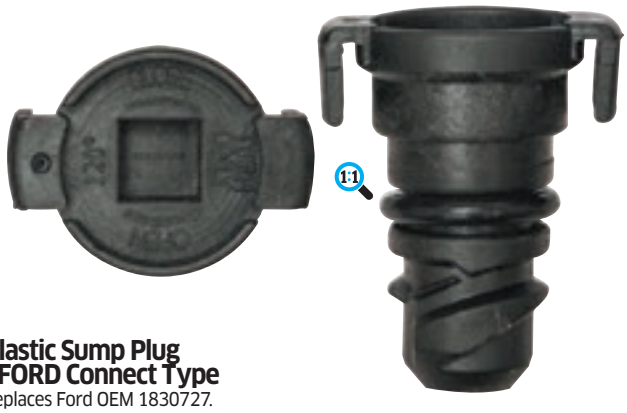
4 x Special taps: M13 x 1.5, M15 x 1.5, M17 x 1.5, M20 x 1.5 mm.
4 x Oil drain plugs, hex drive: M13 x 1.5 x 8 mm (x 5), M15 x 1.5 x 19 mm (x 5), M17 x 1.5 x 8 mm (x 5), M20 x 1.5 x 10 mm (x 5).
4 x Aluminium seals: M13 (x 10), M15 (x 10), M17 x (x 10), M20 (x 10).



Plastic Sump Plug - BMW Type

Replaces BMW OEM 11137605018.

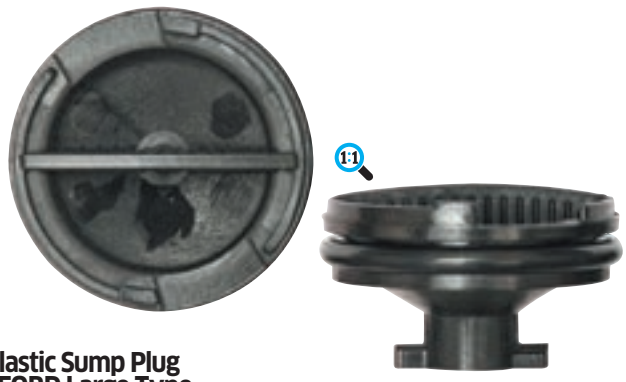
Part No.	Qty	Description
HSUP4	1	**BMW Type**



Plastic Sump Plug - FORD Connect Type

Replaces Ford OEM 1830727.

Part No.	Qty	Description
HSUP3	1	**FORD Connect Type**



Plastic Sump Plug - FORD Large Type

Replaces Ford OEM 1871598 and Peugeot/Citroën OEM 9801444780.

Part No.	Qty	Description
HSUP2	1	**FORD Large Type**

Plastic Sump Plug - VW Type

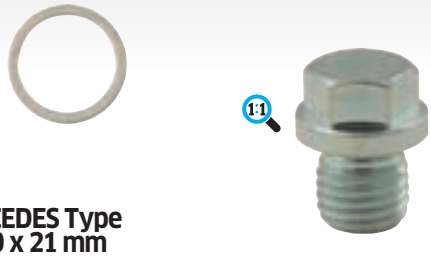
Replaces VW OEM 06L103801.

Part No.	Qty	Description
HSUP1	1	**VW Type**

Sump Plugs, Kits + Washers

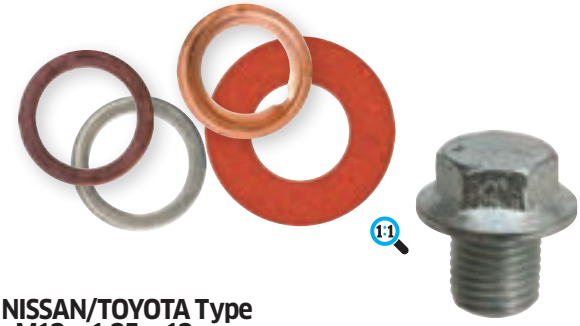
CITROËN/PEUGEOT/FORD Type - M10 x 1.25 x 13 mm

Part No.	Pack of	Description
HSU95	5	Sump Plugs
HSU195	2 Pc Kit	Sump Plug Kit c/w Washer
HSU1022	50	Flat Copper Washers 10 x 20 x 2.0 mm



BMW/MERCEDES Type - M12 x 1.50 x 21 mm

Part No.	Pack of	Description
HSU101	2	Sump Plugs
HSU1215	50	Aluminium Washers 12 x 15 x 1.5 mm



NISSAN/TOYOTA Type - M12 x 1.25 x 13 mm

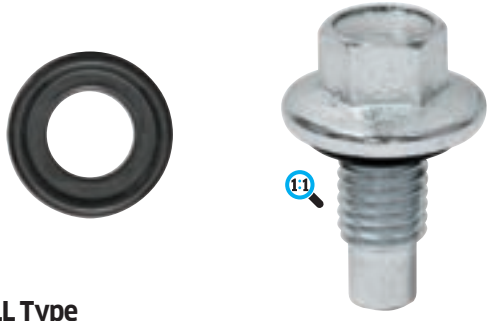
Part No.	Pack of	Description
HSU93	5	Sump Plugs
HSU193	5 Pc Kit	Sump Plug Kit c/w Washers
HSU1217	50	Flat Copper Washers 12 x 17 x 1.5 mm
HSU1217AL	50	Aluminium Washers 12 x 17 x 1.5 mm
HSU45	50	Copper Compression Washers 12 x 17 x 2.0 mm
HSU40	50	Fibre Washers 12 x 24 x 2.0 mm

BMW Type - M12 x 1.50 x 18 mm

Part No.	Pack of	Description
HSU81	5	Sump Plugs
HSU181	3 Pc Kit	Sump Plug Kit c/w Washers
HSU1215	50	Aluminium Washers 12 x 15 x 1.5 mm
HSU1217	50	Flat Copper Washers 12 x 17 x 1.5 mm

ALFA ROMEO/FIAT Type - M12 x 1.25 x 18 mm

Part No.	Pack of	Description
HSU104	2	Sump Plugs
HSU1217	50	Flat Copper Washers 12 x 17 x 1.5 mm



VAUXHALL Type - M12 x 1.75 x 25 mm

Part No.	Pack of	Description
HSU96	5	Sump Plugs
HSU196	2 Pc Kit	Sump Plug Kit c/w Washer
HSU60	50	Flanged Rubber O-Rings 11 x 21 x 2.5 mm

1:1 Actual Size Images

FORD Type
- M12 x 1.75 x 28.5 mm

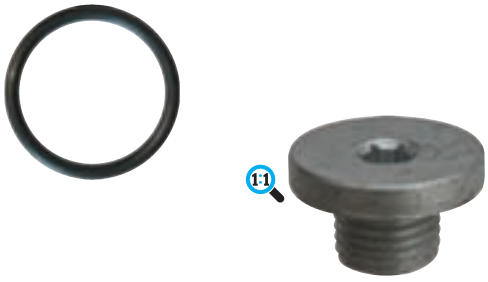
Part No.	Pack of	Thread Size
HSU88	5	Sump Plugs c/w Washer
HSU60	50	Flanged Rubber O-Rings 11 x 21 x 2.5 mm

AUDI/VW Type
- M14 x 1.50 x 17.5 mm

Part No.	Pack of	Thread Size
HSU92	5	Sump Plugs c/w Captive Washer

HONDA/LAND ROVER/ROVER Type
- M14 x 1.25 x 21 mm

Part No.	Pack of	Description
HSU105	2	Sump Plugs
HSU25	50	Aluminium Washers 14 x 22 x 2.0 mm

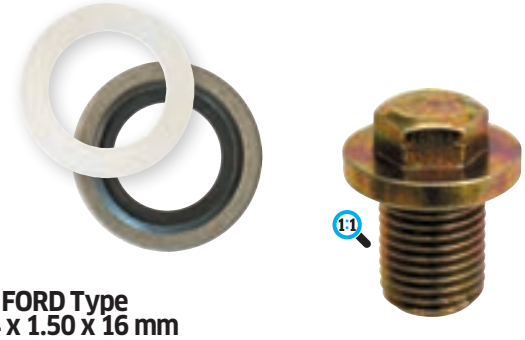


VAUXHALL Type
- M14 x 1.50 x 10 mm

Part No.	Pack of	Description
HSU90	5	Sump Plugs
HSU190	2 Pc Kit	Sump Plug Kit c/w O-Ring
HSU50	50	Nitrile Rubber O-Rings 18 x 2 NBR

CITROËN/PEUGEOT Type
- M14 x 1.25 x 13 mm

Part No.	Pack of	Description
HSU84	5	Sump Plugs
HSU10	50	Copper Compression Washers 14 x 20 x 2.0 mm



Early FORD Type
- M14 x 1.50 x 16 mm

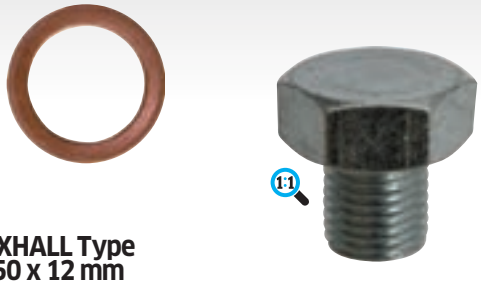
Part No.	Pack of	Description
HSU82	10	Sump Plugs
HSU182	3 Pc Kit	Sump Plug Kit c/w Seal & Washer
HSU21	50	Bonded Seals 16.7 x 24 mm
HSU20	50	Nylon Washers 14.5 x 22 x 2.0 mm

1:1 Actual Size Images

Sump Plugs, Kits + Washers

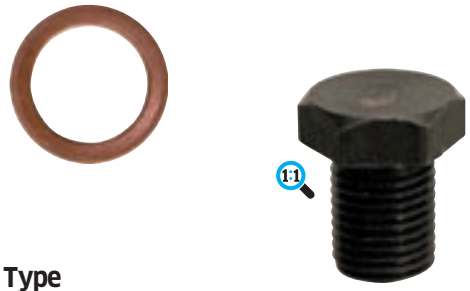
OPEL/VAUXHALL Type - M14 x 1.50 x 13 mm

Part No.	Pack of	Description
HSU83	10	Sump Plugs
HSU183	2 Pc Kit	Sump Plug Kit c/w Washer
HSU1420	50	Flat Copper Washers 14 x 20 x 1.5 mm



Early VAUXHALL Type - M14 x 1.50 x 12 mm

Part No.	Pack of	Description
HSU98	5	Sump Plugs
HSU198	2 Pc Kit	Sump Plug Kit c/w Washer
HSU1420	50	Flat Copper Washers 14 x 20 x 1.5 mm



AUDI/VW Type - M14 x 1.50 x 17.5 mm

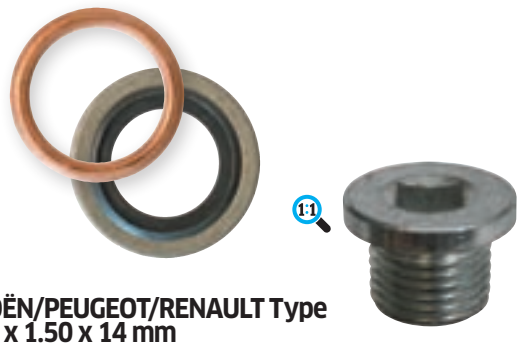
Part No.	Pack of	Description
HSU91	5	Sump Plugs
HSU191	2 Pc Kit	Sump Plug Kit c/w Washer
HSU1420	50	Flat Copper Washers 14 x 20 x 1.5 mm

CHRYSLER/FORD Type - M14 x 1.50 x 21 mm

Part No.	Pack of	Description
HSU87	5	Sump Plugs
HSU187	2 Pc Kit	Sump Plug Kit c/w Washer
HSU51	50	Flanged Rubber O-Rings 13 x 22 x 3.0 mm

MERCEDES/CHRYSLER Type - M14 x 1.50 x 24 mm

Part No.	Pack of	Description
HSU94	5	Sump Plugs
HSU194	2 Pc Kit	Sump Plug Kit c/w Washer
HSU1420	50	Flat Copper Washers 14 x 20 x 1.5 mm



CITROËN/PEUGEOT/RENAULT Type - M16 x 1.50 x 14 mm

Part No.	Pack of	Description
HSU85	5	Sump Plugs
HSU185	3 Pc Kit	Sump Plug Kit c/w Washers
HSU11	50	Copper Compression Washers 16 x 22 x 2.0 mm
HSU21	50	Bonded Seals 16.7 x 24 mm

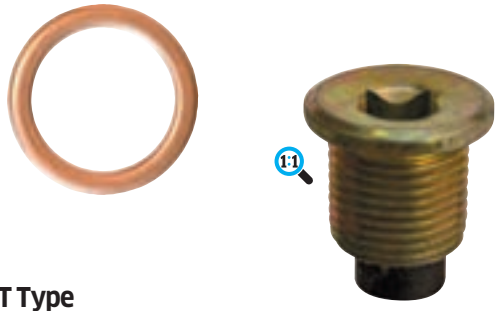
1:1 Actual Size Images

ALFA/FIAT/LANCIA Type - M18 x 1.50 x 27 mm

Part No.	Pack of	Description
HSU97	5	Sump Plugs
HSU197	2 Pc Kit	Sump Plug Kit c/w Washer
HSU1826	50	Flat Copper Washers 18 x 26 x 1.5 mm

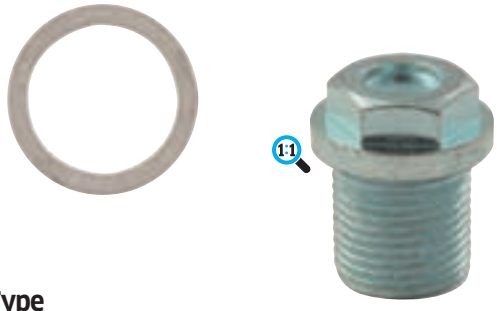
PORSCHE Type - M18 x 1.50 x 16 mm

Part No.	Pack of	Description
HSU106	2	Sump Plugs
HSU1824AL	50	Aluminium Washers 18 x 24 x 1.5 mm



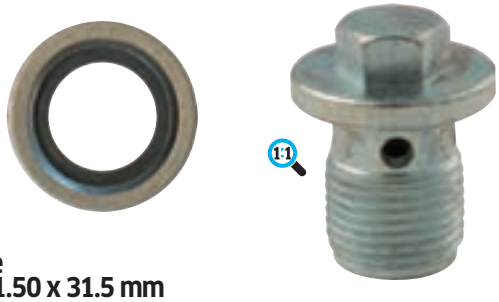
RENAULT Type - M18 x 1.50 x 15 mm

Part No.	Pack of	Description
HSU86	5	Sump Plugs
HSU186	2 Pc Kit	Sump Plug Kit c/w Washer
HSU12	50	Copper Compression Washers 18 x 24 x 2.0 mm



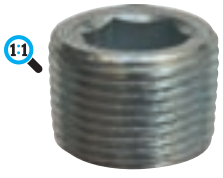
VOLVO Type - M18 x 1.50 x 28 mm

Part No.	Pack of	Description
HSU107	2	Sump Plugs
HSU1824AL	50	Aluminium Washers 18 x 24 x 1.5 mm



GM Type - M18 x 1.50 x 31.5 mm

Part No.	Pack of	Description
HSU102	2	Sump Plugs
HSL22	25	Bonded Seals M22



FIAT Type - M22 x 1.50 x 15 mm

Part No.	Pack of	Description
HSU89	5	Sump Plugs

1:1 Actual Size Images

Sump Plug Washers

Copper Compression Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU45	50	12 x 17 x 2.0 mm

Suits TOYOTA Auris, Avensis, Camry, Carina, Celica, Corolla, Corona, Hiace, Hilux, Land Cruiser, Prius, Rav 4, Starlet, Supra, Yaris.

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU1022	50	10 x 20 x 2.0 mm

Suits CITROËN Berlingo, C1, C2, C3, C4, C5, C6, Xantia, Xsara. FIAT Scudo. MINI R56, R55, Clubman. PEUGEOT 107, 206, 207, 306, 307, 308, 406, 407, 607, 806, 807, 1007, 4007, Bipper, Expert, Partner. TOYOTA Aygo, Corolla. VOLVO C30, S40 II, V50.

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU14	50	14 x 20 x 2.0 mm

Suits VAUXHALL, VW.

Copper Compression Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU10	50	14 x 20 x 2.0 mm

Suits CITROËN (9/93>), PEUGEOT (9/93>).

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU1217	50	12 x 17 x 1.5 mm

Suits BMW Series 1, 3, 5, 6, 7, X3, X5, X6, Z1, Z3, Z4.

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU26	50	16.3 x 25.4 x 2.0 mm

Suits ROVER Mini, Metro & 100 Series.

Copper Compression Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU11	50	16 x 22 x 2.0 mm

Suits CITROËN (<9/93), PEUGEOT (<9/93), RENAULT 5, FIAT (Diesel), ROVER (Diesel).

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU27	50	14 x 19 x 2.0 mm

Suits ROVER (Non-HONDA Engines inc. K Series, Except Diesel & Mini A Series).

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU1826	50	18 x 26 x 1.5 mm

Suits ALFA ROMEO 145, 146, 147, 155, 156, 159, 166, Brera, GT, GTV, Spider. FIAT Brava, Bravo, Coupe, Doblo, Idea, Mera, Multipla. Stilo, Strada. LANCIA Detra, Kappa, Lybra, Musa, Thesis. SUZUKI SX4.

Copper Compression Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU12	50	18 x 24 x 2.0 mm

Suits RENAULT (Except RENAULT 5).

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU1420	50	14 x 20 x 1.5 mm

Suits VAUXHALL Astra, Cavalier, Combo, Corsa, Corsavan, Nova. OPEL/ VAUXHALL Ascona, Astra, Calibra, Carlton, Cavalier, Corsa, Frontera, Kadett, Manta, Nova, Omega, Rekord, Senator, Tigra, Vectra, Zafira. CHRYSLER 300 C, PT Cruiser, Voyager. MERCEDES Klasse A, B, CE, G, V, GL, MSL, SLK, Sprinter, T1, Vaneo, Vito. AUDI 80, 90, 100, 200, A4, A6, A8, Quattro. SEAT Ibiza, Inca. SKODA Fabia, Felica. VW Caddy, Fox, Golf I.

Flat Copper Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU35	50	19 x 26 x 2.0 mm

Suits VOLVO (Other than 3 Series).

1:1 Actual Size Images

PLEASE NOTE:
Vehicle listings for sump plugs/washers are for guidance only

Nitrile Rubber O-Rings

Part No.	Pack of	I.D. x Thickness
HSU50	50	18 x 2 NBR

Suits VAUXHALL Astra F G H, Combo, Corsa B C D, Vectra B C.

Aluminium Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU1215	50	12 x 15 x 1.5 mm

Suits BMW Series 1, 3, 5, 6, 7, X3, X5, X6, Z1, Z3, Z4.

Fibre Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU40	50	12 x 24 x 2.0 mm

Suits TOYOTA Auris, Avensis, Camry, Carina, Celica, Corolla, Corona, Hiace, Hilux, Land Cruiser, Prius, Rav 4, Starlet, Supra, Yaris.

Flanged Rubber O-Rings

Part No.	Pack of	I.D. x O.D. x Thickness
HSU60	50	11 x 21 x 2.5 mm

Suits VAUXHALL Astra G, Omega B, Signum, Vectra BC, Zafira.

Aluminium Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU1217AL	50	12 x 17 x 1.5 mm

Suits BMW Series 1, 2, 3,5, 7, 8, X5, Z4.
MERCEDES 190, SL, CLK, T1, Klasse C, E, G, S. MINI One D.

Fibre Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU41	50	18 x 29 x 2.0 mm

Suits TOYOTA (Large Engines inc. Supra).

Flanged Rubber O-Rings

Part No.	Pack of	I.D. x O.D. x Thickness
HSU51	50	13 x 22 x 3.0 mm

Suits CHRYSLER 300, Caravan, Cirrus, Crossfire, Le Baron, Neo, PT Cruiser, Sebring, Stratus, Voyager.
FORD C-Max, Cougar, Courier, Escort, Fiesta, Focus, C-Max Focus, Fusion, Galaxy, Ka, Maverick, Mondeo, Puma, S-Max, Transit.

Aluminium Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU25	50	14 x 22 x 2.0 mm

Suits ROVER, HONDA.

Bonded Seals

Part No.	Pack of	I.D. x O.D.
HSU21	50	16.7 x 24 mm

Suits FORD Mondeo (Zetec Engines). FORD Focus & KA.

Nylon Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU19	50	13 x 20 x 2.0 mm

Suits FORD OHV.

Aluminium Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU1824AL	50	18 x 24 x 1.5 mm

Suits VOLVO, PORSCHE.

Nylon Washers

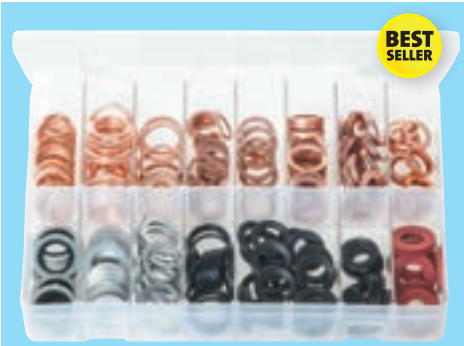
Part No.	Pack of	I.D. x O.D. x Thickness
HSU20	50	14.5 x 22 x 2.0 mm

Suits FORD OHC.

Aluminium Washers

Part No.	Pack of	I.D. x O.D. x Thickness
HSU30	50	22 x 27 x 1.5 mm

Suits FIAT (Except Diesel), MERCEDES (Some).



Sump Plug Washers

Part No.	Box of
AB117N	265 Pieces

4 x Copper Compression: 12 x 17 x 2.00, 14 x 20 x 2.0, 16 x 22 x 2.0, 18 x 24 x 2.0 mm.
4 x Flat Copper: 10 x 20 x 2.00, 12 x 17 x 1.5, 14 x 20 x 1.5, 14 x 20 x 2.0 mm.
2 x Aluminium: 14 x 22 x 2.0, 18 x 24 x 1.5 mm.
2 x Flanged Rubber O-ring: 11 x 21 2.5, 13 x 22 x 3.0 mm.
1 x Nitrile Rubber O-Ring: 18 x 2 NBR.
1 x Fibre: 12 x 24 x 2.0 mm.
1 x Bonded Seal: 16.7 x 24 mm.

Heavy Duty Exhaust Clamps

Zinc plated steel.
U-type with M10 nuts/thread.

Part No.	Pack of	Size	
EXHD42	10	42 mm	(1 5/8")
EXHD45	10	45 mm	(1 3/4")
EXHD48	10	48 mm	(1 7/8")
EXHD50	10	50 mm	(2")
EXHD52	10	52 mm	(2 1/16")
EXHD54	10	54 mm	(2 1/8")
EXHD58	10	58 mm	(2 1/4")
EXHD60	10	60 mm	(2 3/8")
EXHD65	10	65 mm	(2 1/2")
EXHD67	10	67 mm	(2 5/8")
EXHD70	10	70 mm	(2 3/4")

Exhaust Clamps

Zinc plated steel.
U-type with M8 nuts/thread.

Part No.	Pack of	Size	
EX118	20	29 mm	(1 1/8")
EX114	20	32 mm	(1 1/4")
EX138	20	35 mm	(1 3/8")
EX112	20	38 mm	(1 1/2")
EX116	20	42 mm	(1 11/16")
EX134	20	45 mm	(1 3/4")
EX178	20	48 mm	(1 7/8")
EX2	20	51 mm	(2")
EX216	20	52 mm	(2 1/16")
EX218	20	54 mm	(2 1/8")
EX214	20	58 mm	(2 1/4")
EX238	20	60 mm	(2 3/8")
EX212	20	65 mm	(2 1/2")
EX258	20	67 mm	(2 5/8")
EX234	20	70 mm	(2 3/4")
EX3	20	76 mm	(3")
EX318	10	79 mm	(3 1/8")
EX314	10	83 mm	(3 1/4")
EX312	10	89 mm	(3 1/2")
EX358	10	92 mm	(3 5/8")
EX334	10	95 mm	(3 3/4")
EX4	10	102 mm	(4")
EX436	10	106 mm	(4 3/16")
EX414	10	108 mm	(4 1/4")
EX456	10	110 mm	(4 5/16")
EX412	10	115 mm	(4 1/2")
EX434	10	120 mm	(4 3/4")
EX5	10	127 mm	(5")
EX518	10	130 mm	(5 1/8")

Assorted Pack of Exhaust Clamps

Zinc plated steel. U-type with M8 nuts/thread.

Part No.	Pack of
AP59	15 Pieces

Sizes: 1 3/8" - 2"

Assorted Pack of Exhaust Clamps

Zinc plated steel. U-type with M8 nuts/thread.

Part No.	Pack of
AP37	24 Pieces

Sizes: 1 1/2" - 2 1/2"

Perforated Strip

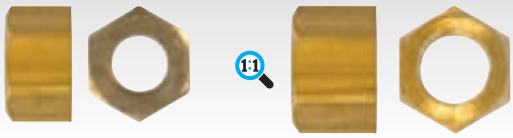
Suits exhaust.

Part No.	Pack of	Description
PS2	10	24" Lengths

Perforated Strip

Suits radio fixing.

Part No.	Pack of	Description
PS1	10	12" Lengths



Exhaust Manifold Nuts - Brass

Part No.	Pack of	Size x Pitch
HBN5	50	M8 x 1.25 mm
HBN6	50	M10 x 1.25 mm

Exhaust Manifold Nuts - Copper Flashed Steel

DIN 980.

Part No.	Pack of	Size x Pitch
HBN8	50	M8 x 1.25 mm
HBN7	50	M10 x 1.50 mm

Exhaust Manifold Nuts - Zinc Plated Steel

Non-serrated. Flanged tri-lock. 9/16" (14 mm) AF head. DIN 980. Grade 8.8.

Part No.	Pack of	Size
HBN10	50	M10 x 1.25 mm

Exhaust Mounting Rings

Universal application.

Part No.	Pack of	Size	I.D.
EM3	10	Medium	35 mm
EM4	10	Large	45 mm

1:1 Actual Size Images

Exhaust Manifold Studs

Mild steel.

Part No.	Pack of	Size x Pitch	Length
HMS11	20	M8 x 1.25 mm	37 mm
HMS12	20	M8 x 1.25 mm	42 mm
HMS13	20	M10 x 1.25 mm	37 mm
HMS14	20	M10 x 1.50 mm	38 mm
HMS15	20	M10 x 1.50 mm	52 mm
HMS16	20	M10 x 1.50 mm	55 mm

Assorted Box of Exhaust Manifold Studs & Nuts - Metric

Part No.	Box of
AB116	72 Pieces

2 x Nuts, Copper Flashed Steel (Size x Pitch): M8 x 1.25 mm,M10 x 1.50 mm.
2 x Nuts, Brass (Size x Pitch): M8 x 1.25 mm, M10 x 1.25 mm.
5 x Studs (Size x Pitch x Length): M8 x 1.25 mm x 37 mm, M10 x 1.25 x 37 mm, M10 x 1.50 mm x 38 mm, M10 x 1.50 mm x 52 mm, M10 x 1.50 mm x 55 mm.

Exhaust Mountings

MINI bobbin (cotton reel).

Part No.	Pack of	Thread
EM1	10	5/16" UNF

IGUANA Universal Jointless Aero Wiper Blades

Each kit is complete with seven, quick and easy to fit connectors to suit the majority of vehicle applications (see below).

- **Rubber blade edge is manufactured from a unique natural and synthetic rubber mix, designed to offer quality wiping performance with enhanced durability and life span**
- **Aero design provides improved performance by reducing wind lift and noise at high speeds**
- **Manufactured with two tensioned steel strips which apply the whole length of the blade to the windscreen with even, consistent pressure**

Part No.	Qty	Length	
WIPG13	1 Kit	13"	(335 mm)
WIPG14	1 Kit	14"	(360 mm)
WIPG15	1 Kit	15"	(385 mm)
WIPG16	1 Kit	16"	(410 mm)
WIPG17	1 Kit	17"	(435 mm)
WIPG18	1 Kit	18"	(460 mm)
WIPG19	1 Kit	19"	(485 mm)
WIPG20	1 Kit	20"	(510 mm)
WIPG21	1 Kit	21"	(535 mm)
WIPG22	1 Kit	22"	(560 mm)
WIPG23	1 Kit	23"	(585 mm)
WIPG24	1 Kit	24"	(610 mm)
WIPG25	1 Kit	25"	(625 mm)
WIPG26	1 Kit	26"	(660 mm)
WIPG28	1 Kit	28"	(710 mm)
WIPG30	1 Kit	30"	(760 mm)
WIPG32	1 Kit	32"	(815 mm)

Each jointless IGUANA Universal Jointless Aero Blade incorporates a centralised rubber spoiler which allows fitment to fit right-hand drive and left-hand drive vehicles as well as vehicles with 'clapping' blades. Each blade comes complete with seven different connectors to cover the majority of vehicle applications:

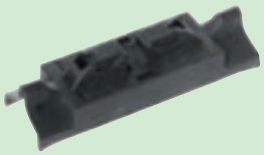
Connector Suits:
Alfa Romeo, Audi, BMW, Cadillac, Chevrolet, Citroen, Fiat, Jaguar, Kia, Mercedes, Nissan, Opel, Peugeot, Renault, Saab, Seat, Vauxhall, Volkswagen, Volvo.

Connector Suits:
Alfa Romeo, Audi, BMW, Citroen, Fiat, Ford, Mazda, Mercedes, Nissan, Opel, Peugeot, Porsche, Renault, Skoda, Vauxhall, Volkswagen, Volvo.

Connector Suits:
Renault, Citroen, Fiat, Saab, Audi A6, Seat Altea.

Connector Suits:
Audi, Citroen, Fiat, Ford, Hyundai, Kia, Lancia, Peugeot, Renault, Seat, Skoda, Volkswagen, Volvo.

Connector Suits:
Audi, Volkswagen.



Main Blade Adaptor
For use with selected Connectors

Single Connector with extra adaptor
Suits: **Audi, Mercedes.**

Universal Fit Single Connector
For all vehicles with 9 x 4 mm and 9 x 3 mm Hook Wiper Arms.

Windscreen Washer Accessories

Nylon. Suits 3/16" pipe.

Part No.	Qty	Description
TA103	5	T-Pieces

Part No.	Qty	Description
TA102	5	Elbows

BEST SELLER

Part No.	Qty	Description
TA101	5	Straights

Part No.	Qty	Description
TA104	5	Small In-Line Valves

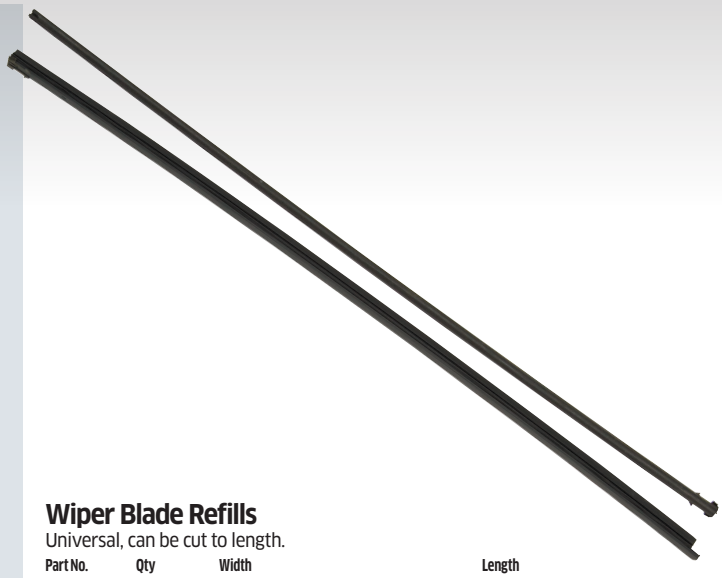
Part No.	Qty	Description
TA105	5	Large In-Line Valves

Assorted Pack of Windscreen Washer Accessories

Nylon. Suits 3/16" pipe.

Part No.	Pack of
AP61	25 Pieces

5 x Large In-Line Valves. 5 x Small In-Line Valves. 5 x Straights. 5 x Elbows. 5 x T-Pieces.



Wiper Blade Refills

Universal, can be cut to length.

Part No.	Qty	Width	Length
WIP4	10 Pairs	8 mm (Wide)	20" (508 mm)
WIP5	5 Pairs	8 mm (Wide)	28" (711 mm)

PVC Tubing - Clear Plain Windscreen Washer Type

Part No.	Length	O.D. x I.D.	
TUB12	30 m Coil	8 x 5 mm	(3/16")

Windscreen Washer Pumps

Universal application. Suits 3/16" pipe.

Part No.	Qty	Volts
EC12	1	12v
EC24	1	24v

SAS

BEST SELLER

S·A·S Concentrated Screen Wash

Designed with powerful detergents and an anti-freeze agent to prevent washer jets freezing in the wintertime, and to clear summer fly squash.

- **Lowest working temperature: -7.6°C.**

Part No.	Pack of	Size
SAS1060/2	2	5 Litre Containers

Looking for more Screen Wash?

Our full range can be found on Page 300

VTG6A MoT Plate Holder - Lightweight

Rustproof glass filled nylon with clear plastic window.

Part No.	Qty	Dimensions
TT44	1	187 x 180 mm

Poly Coated Wire

1.5 mm Ø steel wire with polyester sleeve (overall Ø: 2.5 mm).

Part No.	Qty	Description
AC250	1 Coil	2.5 mm x 100 m Wire

Ferrules for Poly Coated Wire

Suits Part No. AC250.

Part No.	Pack of	Description
AC251	100	2.5 mm Ferrules

Diesel Stop/Bonnet Cables with T-handle and Bowden Cable Inner

Part No.	Pack of	Length	
AC6	2	2.44 m	(8 ft)
AC8	1	3.96 m	(13 ft)

Diesel Stop Cables with Piano Wire Inner

Universal fitting. Piano wire 2 mm Ø

Part No.	Pack of	Length	
AC3	2	2.89 m	(9 ft 6")
AC13	1	3.96 m	(13 ft)

Bowden Cable

Part No.	Length	Ø
AC4	30 m Coil	1.50 mm

Locking Wire

Heavy galvanised steel. 0.5 kg coil.

Part No.	Qty	Wire Ø		Approx. Length
AC7	1 Coil	1.25 mm	(18 SWG)	52 m
AC11	1 Coil	2.00 mm	(14 SWG)	21 m

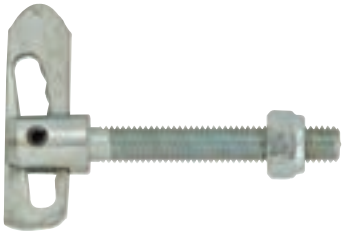
MOT Corrosion Assessment Hammer

VOSA Approved.

Part No.	Qty	Description
TL730	1	MOT Corrosion Hammer

Anitluce Fasteners - Standard Round Shank Weld or Rivet

Part No.	Pack of	Shank Dia x Length
TT20	10	1/2" x 1/2"



Anitluce Fasteners - Threaded with Nut

Part No.	Pack of	Thread Size x Length
TT22	10	1/2" x 3"

Anitluce Fasteners - Threaded without Nut

Part No.	Pack of	Thread Size x Length
TT21	10	12 mm x 33 mm

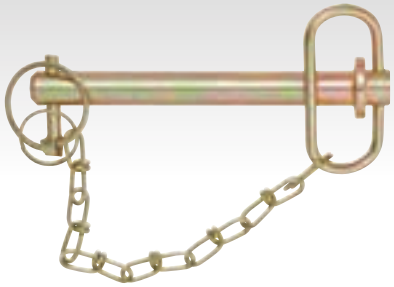
Solderless Nipples

Part No.	Pack of	Size
AC101	50	1/4" x 3/8"
AC103	50	11/32 x 1/2"
AC104	50	9/32 x 1/2"

Assorted Pack of Solderless Nipples

Part No.	Pack of
AP9	25 Pieces

Various sizes and types.



Tow Pin Assemblies

Part No.	Qty	Pin Ø	Pin Working Length	Pin Total Length
TT120	1	20 mm	160 mm	195 mm
TT122	1	22 mm	155 mm	205 mm
TT124	1	25 mm	155 mm	205 mm

Roller Shutter Hooks & Chains

Part No.	Pack of	Spring Hook	Chain Length
TT27	10	3" (75 mm)	8" (200 mm)
TT35	10	4" (100 mm)	12" (305 mm)

Rope Hooks - Bolt-on

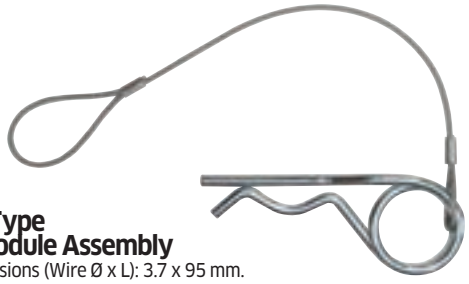
Cast iron.

Part No.	Pack of	Description
TT31	10	Bolt-on Rope Hooks

Wire Rope Grips

Zinc plated.

Part No.	Pack of	Size
TT33	10	6 mm
TT38	10	8 mm



Double Type R-Clip Module Assembly

R-clip dimensions (Wire Ø x L): 3.7 x 95 mm.

Part No.	Pack of	Description
HY20	10	R-Clip Module Assembly

Ratchet Strap with Claws

Polyester strap with metal claws.

Part No.	Qty	Capacity	Width x Length
AC15	3 Piece Set	4,000 kg	50 mm x 4 m

Car Transporter Ratchet Strap

Strap thickness: 50 mm. Polyester strap with metal claws.

Part No.	Qty	Capacity	Width x Length
AC14	2 Piece Set	5,000 kg	50 mm x 10 m

Polypropylene Rope

10 mm (3/8") Ø.

Part No.	Qty	Length	
AC10	1	220 m	(720 ft)

Polythene Woven Tarp

Part No.	Qty	Dimensions
BAG18	1	5.49 x 3.66 m (18 x 12 ft)

WARRIOR 1T Ratchet Strap with Claw Hooks

Certified to EN-12195-2. 1 year guarantee from first day of use.

Part No.	Qty	Width x Length	Lashing Capacity	Breaking Strength
AC5150	2 Piece Set	25 mm x 5.0 m	1,000 kg	1,250 kg

WARRIOR 4T Ratchet Strap with Claw Hooks

Certified to EN-12195-2. 1 year guarantee from first day of use.

Part No.	Qty	Width x Length	Lashing Capacity	Breaking Strength
AC5480	2 Piece Set	50 mm x 8.0 m	4,000 kg	6,000 kg

WARRIOR
Duplex Flat Lifting Sling

BS EN 1492-1:2000 (7:1 Safety Factor). 1 year guarantee from first day of use.

Part No.	Qty	Colour	Width x Length	Working Load Limit
AC3120	1	Purple	30 mm x 2.0 m	1,000 kg
AC3130	1	Purple	30 mm x 3.0 m	1,000 kg

WARRIOR
Endless Round Lifting Sling

BS EN 1492-1:2000 (7:1 Safety Factor). 1 year guarantee from first day of use.

Part No.	Qty	Colour	Width x Length	Working Load Limit
AC4110	1	Purple	45 mm x 1.0 m	1,000 kg
AC4115	1	Purple	45 mm x 1.5 m	1,000 kg
AC4120	1	Purple	45 mm x 2.0 m	1,000 kg

WARRIOR
Duplex Flat Lifting Sling

BS EN 1492-1:2000 (7:1 Safety Factor). 1 year guarantee from first day of use.

Part No.	Qty	Colour	Width x Length	Working Load Limit
AC3220	1	Green	60 mm x 2.0 m	2,000 kg
AC3240	1	Green	60 mm x 4.0 m	2,000 kg

WARRIOR
Endless Round Lifting Sling

BS EN 1492-1:2000 (7:1 Safety Factor). 1 year guarantee from first day of use.

Part No.	Qty	Colour	Width x Length	Working Load Limit
AC4205	1	Green	50 mm x 0.5 m	2,000 kg
AC4210	1	Green	50 mm x 1.0 m	2,000 kg
AC4220	1	Green	50 mm x 2.0 m	2,000 kg

WARRIOR
Duplex Flat Lifting Sling

BS EN 1492-1:2000 (7:1 Safety Factor). 1 year guarantee from first day of use.

Part No.	Qty	Colour	Width x Length	Working Load Limit
AC3320	1	Yellow	90 mm x 2.0 m	3,000 kg
AC3330	1	Yellow	90 mm x 3.0 m	3,000 kg
AC3340	1	Yellow	90 mm x 4.0 m	3,000 kg

WARRIOR
Endless Round Lifting Sling

BS EN 1492-1:2000 (7:1 Safety Factor). 1 year guarantee from first day of use.

Part No.	Qty	Colour	Width x Length	Working Load Limit
AC4520	1	Red	80 mm x 2.0 m	5,000 kg

7-Pin Trailer Sockets & Plugs

12N (Normal) system. 12V. Metal body.

Part No.	Pack of	Description
ERP13	5	Sockets
ERP14	5	Plugs

RING 7-Pin Trailer Sockets & Plugs

12N (Normal) system. 12V. Plastic body.

Part No.	Pack of	Description
ERP41	5	Sockets
ERP42A	1	Plugs
ERP42	5	Plugs

RING 7-Pin Trailer Socket

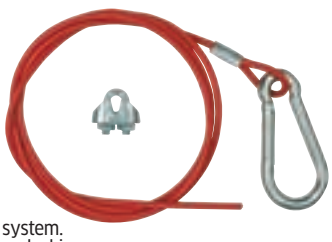
12N (Normal) system. 12V. Plastic body.

Part No.	Pack of	Description
ERP116	1	Socket

RING Trailer Board Extension Lead

12N (Normal) system. 12V.

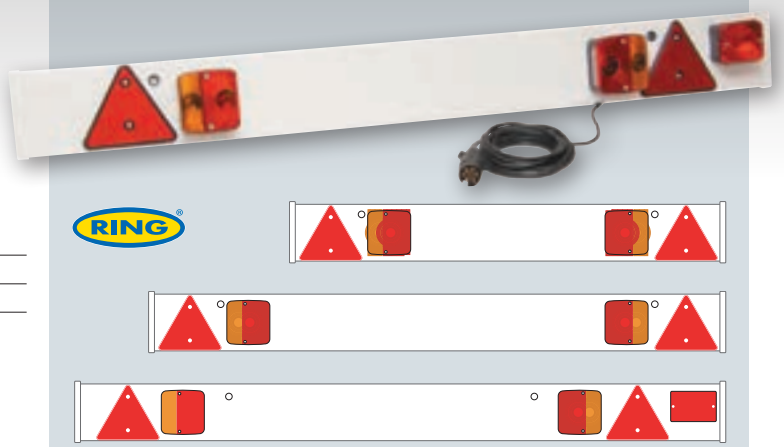
Part No.	Qty	Length
ERP117	1	6 m



RING Breakaway Cable

For fitment to all trailers with a braking system.
Sprung shackle for easy attachment to car, locking sprung shackle for quick and easy, permanent fitment to the handbrake of the trailer. No tools required.

Part No.	Pack of	Description
AC131	1	Breakaway Cable



RING Trailer Boards

12N (Normal) system. 12V. Fitted with 7-Pin trailing plug.

Part No.	Qty	Width	Length
ERCT830P	1	3 ft	4 m Cable
ERCT816P	1	4 ft	6 m Cable
ERCT900P	1	4 ft 6" (incl. Fog Light)	4 m Cable

Magnetic LED Trailer Lights - Stop/Tail/Indicator

IP67. Supplied with 7.5 M cable, 2.5 M between lamps.

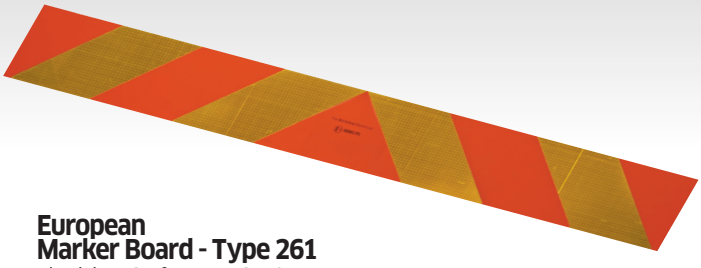
- **Includes Reflector**

Part No.	Qty	Voltage	Lights	ECE Reg
EBT9553	1 Set	12V	Stop/Tail/Ind	3/4/6/7

Magnetic Trailer Lights - Stop/Tail/Indicator

IP67. Supplied with 7.5 M cable, 2.5 M between lamps.

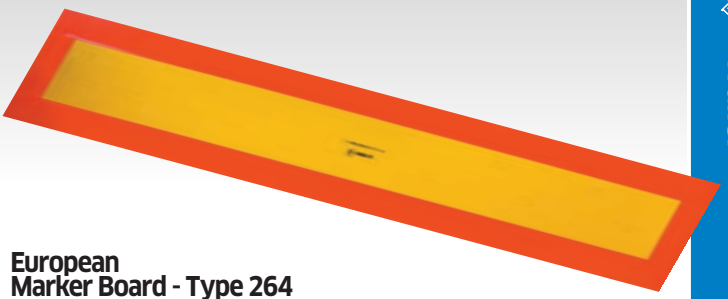
Part No.	Qty	Voltage	Lights	ECE Reg
EBT9550	1 Set	12V	Stop/Tail/Ind	4/6/7



European Marker Board - Type 261

Aluminium. Conforms to ECE 70.

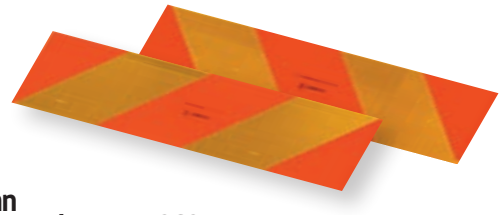
Part No.	Qty	ECE No.	Dimensions
MB261	1	ECE1	1130 x 130 mm



European Marker Board - Type 264

Aluminium. Conforms to ECE 70.

Part No.	Qty	ECE No.	Dimensions
MB264	1	ECE5	1130 x 195 mm



European Marker Boards - Type 262

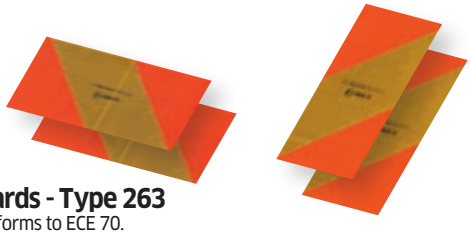
Aluminium. Conforms to ECE 70.

Part No.	Qty	ECE No.	Dimensions
MB262	1 Pair	ECE2/3	565 x 130 mm

European Marker Boards - Type 265

Aluminium. Conforms to ECE 70.

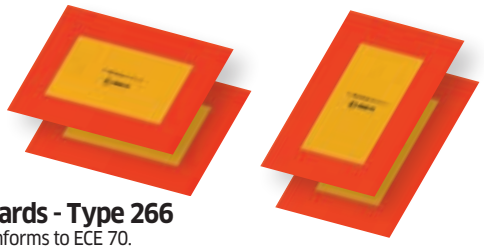
Part No.	Qty	ECE No.	Dimensions
MB265	1 Pair	ECE6/7	565 x 195 mm



European Marker Boards - Type 263

Aluminium. Conforms to ECE 70.

Part No.	Qty	ECE No.	Dimensions
MB263	Set of 4	ECE4	282 x 130 mm



European Marker Boards - Type 266

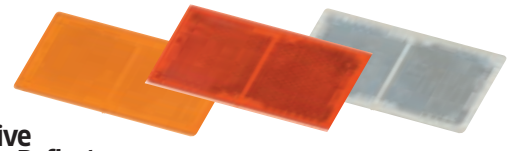
Aluminium. Conforms to ECE 70.

Part No.	Qty	ECE No.	Dimensions
MB266	Set of 4	ECE8	282 x 192 mm

Round Reflectors

EN 12899-3:2007.
Conforms to ECE E20. Screw-on type.

Part No.	Qty	Colour	Diameter
REF3S	2	Red	63 mm
REF3	10	Red	63 mm
REF2S	2	Amber	63 mm
REF2	10	Amber	63 mm
REF4S	2	White	63 mm
REF4	10	White	63 mm



Self-Adhesive Rectangular Reflectors

Conforms to ECE E20.

Part No.	Pack of	Colour	Dimensions
REF7A	10	Red	103 x 50 mm
REF5A	10	Amber	103 x 50 mm
REF9A	10	White	103 x 50 mm

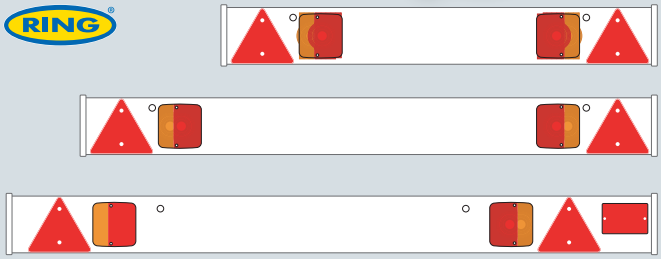
Reflective Triangle

EN 12899-3:2007.
Conforms to ECE E20. Screw-on type.

Part No.	Qty	Colour	Height
REF1S	2	Red	137 mm
REF1	10	Red	137 mm

Looking for LED Tail Lamps?

A complete range of LED Tail Lamps feature overleaf



RING Trailer Boards

12N (Normal) system. 12V. Fitted with 7-Pin trailing plug.

Part No.	Qty	Width	Length
ERCT830P	1	3 ft	4 m Cable
ERCT816P	1	4 ft	6 m Cable
ERCT900P	1	4 ft 6" (incl. Fog Light)	4 m Cable

Magnetic LED Trailer Lights - Stop/Tail/Indicator

IP67. Supplied with 7.5 M cable, 2.5 M between lamps.

- **Includes Reflector**

Part No.	Qty	Voltage	Lights	ECE Reg
EBT9553	1 Set	12V	Stop/Tail/Ind	3/4/6/7

Magnetic Trailer Lights - Stop/Tail/Indicator

IP67. Supplied with 7.5 M cable, 2.5 M between lamps.

Part No.	Qty	Voltage	Lights	ECE Reg
EBT9550	1 Set	12V	Stop/Tail/Ind	4/6/7

5" LED Tail Lamp - Fog/Reverse

IP67. Base material: ABS housing. Lens material: Polycarbonate. Bolt mounting.

Part No.	Qty	Voltage	Lights	ECE Reg
EBT7009	1	12-24V	Fog/Rev	23/38

5" LED Tail Lamp - Stop/Tail/Indicator

IP67. Base material: ABS housing. Lens material: Polycarbonate. Bolt mounting.

Part No.	Qty	Voltage	Lights	ECE Reg
EBT7008	1	10-30V	Stop/Tail/Ind	3/6/7

4.5" LED Multifunction Tail Lamp - Stop/Tail/Indicator

IP67. Base material. ABS. Lens material: Acrylic. Bolt mounting.

- **Includes Reflector**

Part No.	Qty	Voltage	Lights	ECE Reg
EBT7058	1	12V	Stop/Tail/Ind	3/6/7

Looking for LED Work Lamps?

A complete range of LED Work Lamps feature on Page 288

6" LED Multifunctional Tail Lamp - Stop/Tail/Indicator

IP67. Base material: ABS. Lens material: Acrylic. Bolt mounting.

- **Includes Reflector**

Part No.	Qty	Voltage	Lights	ECE Reg
EBT7060	Set of 2	10-30V	Stop/Tail/Ind	3/6/7

7.5" LED Multifunctional Tail Lamp - Stop/Tail/Indicator

IP67. Base material: ABS. Lens material: Acrylic. Bolt mounting.

- **Includes Reflector**

Part No.	Qty	Voltage	Lights	ECE Reg
EBT7069	1	12-24V	Stop/Tail/Ind	3/6/7

LED Multifunctional Tail Lamp - Stop/Tail/Indicator/Reverse

IP67. Base material: ABS housing. Lens material: Polycarbonate. Bolt mounting.

- **Includes Reflector**

Part No.	Qty	Voltage	Lights	ECE Reg
EBT7099	1	12-24V	Stop/Tail/Ind/Rev	3/6/7/23

COB LED Side Marker Lamp

IP65. EMC approved.
Base material: ABS housing.
Lens material: Polycarbonate. Bracket base fixing.

Part No.	Qty	Voltage	Colour	ECE Reg
EBT6095W	1	12-24V	White	3/7
EBT6095R	1	12-24V	Red	3/7
EBT6095A	1	12-24V	Amber	3/91

SMD LED Number Plate Lamp

IP67. Base material: ABS housing.
Lens material: Polycarbonate. Surface mount fixing.

- **Includes Reflector**

Part No.	Qty	Voltage	Description	ECE Reg
EBT7085	1	10-30V	Number Plate Lamp	4

LED Rubber Marker Lamp

IP67. Base material: EPDM.
Lens material: PMMA. Surface mount fixing.

Part No.	Qty	Voltage	Description	ECE Reg
EBT9711	1	12-24V	Rubber Marker Lamp	Red 7/Clear 7

LED Amber Warning Light - 3 x COB LED 8W

ECE Reg 10/65. IP67. Base material: ABS.
Lens material: Polycarbonate. Bolt-on fixing.

- **10 x Flash patterns**

Part No.	Qty	Voltage	Width x Length
EBT6087	1	12-24V	33 x 89 mm

Looking for Rotating Beacons?

A complete range of Rotating Beaconss feature on Page 290

LED Adjustable Work Lamp - 6" Rectangular

IP67. EMC approved. Housing: Aluminium.
Lens: Acrylic. Stainless steel mounting bracket

- **8 x High Performance LEDs**
- **24 Watt/1680 Lumens**
- **Can be used as standard or side mount with swivel function**

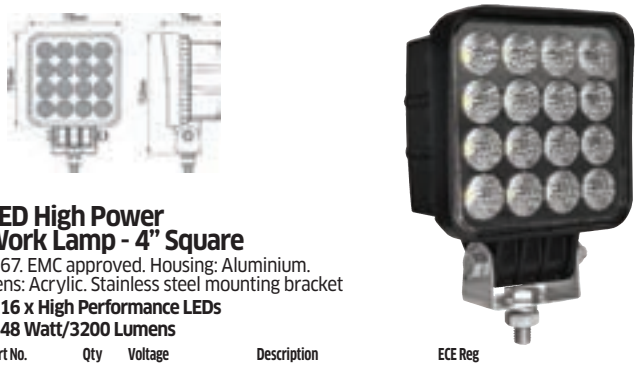
Part No.	Qty	Voltage	Description	ECE Reg
EBW6	1	**12-28V**	**6" Adjustable**	**-**

LED Magnetic Work Lamp - 4" Round

IP67. EMC approved. Housing: Aluminium. Lens: Acrylic.
Supplied with 9.5M cable with switched in-vehicle adaptor.

- **6 x High Performance LEDs**
- **18 Watt/1350 Lumens**
- **Magnetic Base**
- **Shock Resistant**

Part No.	Qty	Voltage	Description	ECE Reg
EBW1	1	**12-28V**	**4" Round**	**10**



LED High Power Work Lamp - 4" Square

IP67. EMC approved. Housing: Aluminium.
Lens: Acrylic. Stainless steel mounting bracket

- **16 x High Performance LEDs**
- **48 Watt/3200 Lumens**

Part No.	Qty	Voltage	Description	ECE Reg
EBW5	1	**12-28V**	**4" Square**	**10**

LED Work Lamp - 6" Oval

IP67. EMC approved. Housing: Aluminium.
Lens: Polycarbonate.
Stainless steel mounting bracket.

- **6 x High Performance LEDs**
- **18 Watt/1350 Lumens**

Part No.	Qty	Voltage	Description	ECE Reg
EBW3	1	**12-28V**	**6" Oval**	**10**

LED Work Lamp - 4" Square

IP67. EMC approved.
Housing: Aluminium. Lens: Acrylic.
Stainless steel mounting bracket

- **5 x High Performance LEDs**
- **15 Watt/1050 Lumens**

Part No.	Qty	Voltage	Description	ECE Reg
EBW2	1	**12-28V**	**4" Square**	**10**

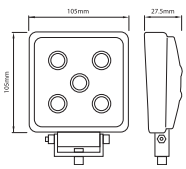
LED Work Lamp - 5" Rectangular

IP67. EMC approved. Housing: Aluminium.
Lens: Polycarbonate. Stainless steel mounting bracket.

- **6 x High Performance LEDs**
- **18 Watt/1350 Lumens**

Part No.	Qty	Voltage	Description	ECE Reg
EBW4	1	**12-28V**	**5" Rectangular**	**10**

RING



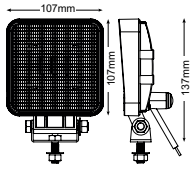
RING 15W LED Square Work Lamp - 105 mm

IP67. Certification: ECE R10. Cable length 300 mm.
Housing: Thermoplastic. Lens: Polycarbonate.

- **750 Lumens**
- **5 x 3W LEDs**
- **Lightweight**

Part No.	Qty	Voltage	Description	ECE Reg
ERCV9608	1	**10-30V**	**105 mm Square**	**R10**

RING

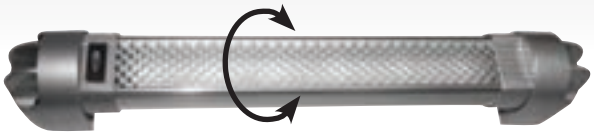


RING 15W LED Square Work Lamp with Switch

IP67. Certification: ECE R10.
Cable length 300 mm.
Housing: Aluminium. Lens: Polycarbonate.

- **5 x 3W LEDs**
- **Integrated switch**
- **Colour temperature: 5600K**

Part No.	Qty	Voltage	Description	ECE Reg
ERCV9607	1	**10-30V**	**107 mm Square**	**R10**



LED Interior Swivel Lamp - 6 x LED 6W

Lamp material: Aluminium. Lens material: Acrylic.
Supplied with stainless steel fixings and 400 mm cable.

- **On/Off switch**
- **Lens swivels 180°**

Part No.	Qty	Voltage	Depth x Length	Lumens
EBL330	1	12-24V	51 x 327 mm	600

LED Interior Lamp - 18 x SMD LED 3W

Lamp material: Aluminium. Lens material: Acrylic. Supplied with stainless steel fixings

- **On/Off switch**

Part No.	Qty	Voltage	Width x Length	Lumens
EBL270	1	12-24V	28 x 266 mm	380

LED Interior Lamp - 45 x SMD LED 6W

Lamp material: Aluminium. Lens material: Acrylic. Supplied with stainless steel fixings

- **On/Off switch**

Part No.	Qty	Voltage	Width x Length	Lumens
EBL570	1	12-24V	28 x 570 mm	900

RING®

RING 'TruckMaster' Baton LED Strip Light

Dimensions (H x W): 33 x 19 mm.

Part No.	Qty	DC Voltage	Width	Lumens
ERCV5012	1	12/24V	300 mm	400
ERCV5013	1	12/24V	600 mm	800

Metal-Halide Bulbs

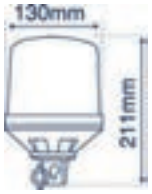
Giant Edison screw cap (40 mm).
Provides 10,000 hours of "Day Light" (10 Years).

Part No.	Qty	Watts	Output	Cap	Dia x Length
EMH250	1	250W	4200K	GES/E40	46 x 255 mm
EMH400	1	400W	4200K	GES/E40	46 x 273 mm

Metal-Halide Bulbs

Giant Edison screw cap (40 mm).
Dia x Length: 76 x 335 mm.
Provides 10,000 hours of "Day Light" (10 Years).
Suits VT-1 type tower lights.

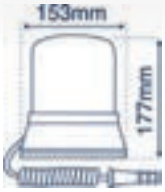
Part No.	Qty	Watts	Output	Cap
EMH1000	1	1000W	4200K	GES/E40



LAP ELECTRICAL Halogen Rotating Beacon - DIN Pole Mount

IP56. Robust design. Reverse polarity protection. -30˚C to + 50˚C extreme temperature reliability. Takes H1 halogen bulb (NOT included).

Part No.	Qty	Colour	Voltage	ECE Reg
EBC104	1	Amber	12/24V	R65



LAP ELECTRICAL Halogen Rotating Beacon - Magnetic Base

IP56. Robust design. Reverse polarity protection. -30˚C to + 50˚C extreme temperature reliability. Takes H1 halogen bulb (NOT included).

- **70 mph rated magnet**

Part No.	Qty	Colour	Voltage	ECE Reg
EBC102	1	Amber	12/24V	R65

LAP ELECTRICAL Halogen Rotating Beacon - Single Point

IP56. Robust design. Reverse polarity protection. -30˚C to + 50˚C extreme temperature reliability. Takes H1 halogen bulb (NOT included).

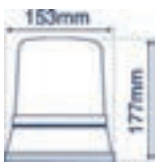
Part No.	Qty	Colour	Voltage	ECE Reg
EBC101	1	Amber	12/24V	R65

Halogen Rotating Beacon - 3 Point

EMC approved (ECE R10). Reverse polarity protection. -15˚C to +40˚C extreme temperature reliability. Maintenance free worm drive mechanism. Supplied with 12V and 24V H1 halogen bulbs.

- **Ideal for Refuse Trucks, Agriculture Plant & Contracting**

Part No.	Qty	Colour	Voltage	ECE Reg
EBC203	1	Amber	12/24V	R65



LAP ELECTRICAL Halogen Rotating Beacon - 3 Point

IP56. Robust design.
Reverse polarity protection.
-30˚C to + 50˚C extreme temperature reliability.
Takes H1 halogen bulb (NOT included).

Part No.	Qty	Colour	Voltage	ECE Reg
EBC103	1	Amber	12/24V	R65

LED Rotating Beacon - Magnetic Base

IP65. EMC approved (ECE R10).
Fully encapsulated electronics. 40 x LEDs.
ABS base and polycarbonate lens.

- **40mph rated magnet**
- **3 x Flash patterns - Simulated rotating, double flash and quad flash.**

Part No.	Qty	Colour	Voltage	ECE Reg
EBC302	1	Amber	12/24V	R65

RING 'Truck Master' LED Amber Mini Bar - Magnetic Mount

60 MPH speed rating. Reg 65 compliant. IP67 rated. 20 x programmable patterns.
2.4 m cable. In-vehicle power adaptor with flash and on/off switch included.
Dimensions (H x W x D): 41 x 251 x 170 mm. 3 years warranty.

Part No.	Qty	DC Voltage	Watts
ERCV9822	1	9-30V	40W

RING LED Amber Mini Lightbar Single Bolt Mount

Reg 65 compliant. IP67 rated.
40 x 1 W LED. 5 m cable. 3 years warranty.

Part No.	Qty	DC Voltage	Watts
ERCV9761	1	10-30V	20W

LED Rotating Beacon - Single Point

IP65. EMC approved (ECE R10).
Fully encapsulated electronics. 40 x LEDs.
ABS base and polycarbonate lens.

- **3 x Flash patterns - Simulated rotating, double flash and quad flash.**

Part No.	Qty	Colour	Voltage	ECE Reg
EBC301	1	Amber	12/24V	R65

LED Rotating Beacon - 3 Point

IP65. EMC approved (ECE R10).
Fully encapsulated electronics. 40 x LEDs.
ABS base and polycarbonate lens.

- **3 x Flash patterns - Simulated rotating, double flash and quad flash.**

Part No.	Qty	Colour	Voltage	ECE Reg
EBC303	1	Amber	12/24V	R65

LED Rotating Beacon - Flexi DIN Pole Mount

IP65. EMC approved (ECE R10).
Fully encapsulated electronics. 40 x LEDs.
ABS base and polycarbonate lens.

- **3 x Flash patterns - Simulated rotating, double flash and quad flash.**

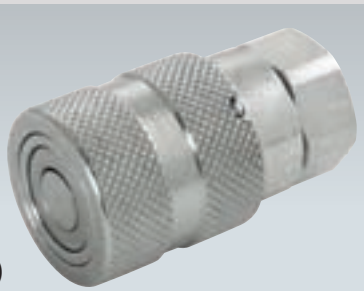
Part No.	Qty	Colour	Voltage	ECE Reg
EBC305	1	Amber	12/24V	R65

LED Rotating Beacon - 3 Point

IP65. EMC approved (ECE R10).
Fully encapsulated electronics. 40 x LEDs.
ABS base and polycarbonate lens.

- **3 x Flash patterns - Simulated rotating, double flash and quad flash.**

Part No.	Qty	Colour	Voltage	ECE Reg
EBC303G	1	Green	12/24V	R65



Hydraulic Steel Flat Face Coupling - Carrier (Female)

Meets the requirements of ISO 16028.
Manufactured from high strength carbon steel with nitrile seal.

Part No.	Qty	BSPP Thread	Bar	Body Size
HY301	1	1/4"	315	1/4" BSP
HY303	1	3/8"	250	3/8" BSP
HY305	1	1/2"	250	3/8" BSP
HY307	1	3/4"	250	1/2" BSP
HY309	1	1"	250	3/4" BSP

Hydraulic Steel Flat Face Plug - Probe (Male)

Meets the requirements of ISO 16028.
Manufactured from high strength carbon steel.

Part No.	Qty	BSPP Thread	Bar	Body Size
HY300	1	1/4"	315	1/4" BSP
HY302	1	3/8"	250	3/8" BSP
HY304	1	1/2"	250	3/8" BSP
HY306	1	3/4"	250	1/2" BSP
HY308	1	1"	250	3/4" BSP

Hydraulic Quick Release Coupling - Carrier (Female)

Meets the requirements of ISO-7241-A.
Manufactured from high strength carbon steel.

- **Rugged construction**
- **Ideal for construction equipment, manufacturing machinery and in-plant systems**

Part No.	Qty	BSPP Thread	Max Work Pressure	Size
HY402	1	1/4"	350 Bar	04SF
HY406	1	3/8"	315 Bar	06SF
HY400	1	1/2"	250 Bar	08SF
HY404	1	3/4"	250 Bar	12SF
HY408	1	1"	230 Bar	16SF

Hydraulic Quick Release Coupling - Probe (Male)

Meets the requirements of ISO-7241-A.
Manufactured from high strength carbon steel.

- **Rugged construction**
- **Ideal for construction equipment, manufacturing machinery and in-plant systems**

Part No.	Qty	BSPP Thread	Max Work Pressure	Size
HY403	1	1/4"	350 Bar	04PF
HY407	1	3/8"	315 Bar	06PF
HY401	1	1/2"	250 Bar	08PF
HY405	1	3/4"	250 Bar	12PF
HY409	1	1"	230 Bar	16PF

Hydraulic BSPP Swivel Adaptor - Female : Female

Part No.	Qty	Type	BSPP Thread
HY156	2	F : F	1/4" : 1/4"
HY155	2	F : F	1/4" : 3/8"
HY154	2	F : F	3/8" : 3/8"
HY153	2	F : F	3/8" : 1/2"
HY152	2	F : F	1/2" : 1/2"
HY151	1	F : F	3/4" : 3/4"
HY150	1	F : F	1" : 1"

Hydraulic BSPP Swivel Adaptor - Male : Female

Part No.	Qty	Type	BSPP Thread
HY135	2	M : F	1/4" : 3/8"
HY138	2	M : F	3/8" : 1/4"
HY136	2	M : F	3/8" : 3/8"
HY131	2	M : F	3/8" : 1/2"
HY137	2	M : F	5/8" : 5/8"
HY133	2	M : F	1/2" : 3/8"
HY134	2	M : F	1/2" : 1/2"
HY130	1	M : F	1/2" : 3/4"
HY132	1	M : F	3/4" : 1/2"

Looking for Breaker Hose Sets?

Our full range can be found on Page 294

Hydraulic BSPP/BSPT Adaptor - Male : Male

Part No.	Qty	Type	BSPP : BSPT Thread
HY102	5	M : M	1/4" : 1/4"
HY100	5	M : M	3/8" : 1/4"
HY101	5	M : M	3/8" : 1/2"
HY103	2	M : M	1/2" : 1/2"

Hydraulic BSPP Adaptor - Male : Male

Part No.	Qty	Type	BSPP Thread
HY115	5	M : M	1/4" : 1/4"
HY114	5	M : M	1/4" : 3/8"
HY121	5	M : M	3/8" : 3/8"
HY117	5	M : M	3/8" : 1/2"
HY118	5	M : M	1/2" : 1/2"
HY112	2	M : M	1/2" : 5/8"
HY120	2	M : M	1/2" : 3/4"
HY116	2	M : M	5/8" : 5/8"
HY119	2	M : M	3/4" : 3/4"
HY111	1	M : M	1" : 1/2"
HY110	1	M : M	1" : 3/4"
HY113	1	M : M	1" : 1"

Hydraulic BSPP Bulkhead Fitting

Part No.	Qty	BSPP Thread
HY161	1	3/8"
HY160	1	1/2"

Hydraulic BSPP Blanking Plug

Part No.	Qty	BSPP Thread
HY173	5	1/4"
HY172	5	3/8"
HY171	2	5/8"
HY170	1	1"

Hydraulic BSPP Equal Elbows - F : F

Part No.	Qty	Type	BSPP Thread
HY202	2	F : F	3/8"
HY204	1	F : F	1/2"

Hydraulic BSPP Equal Elbows - M : F

Part No.	Qty	Type	BSPP Thread
HY201	2	M : F	3/8"
HY203	1	M : F	1/2"

Hydraulic BSPP Equal Elbows - M : M

Part No.	Qty	Type	BSPP Thread
HY200	1	M : M	3/8"

Hydraulic BSPP Equal Tee - Female

Part No.	Qty	BSPP Thread
HY190	1	3/8"
HY191	1	1/2"

Hydraulic BSPP Blanking Cap

Part No.	Qty	BSPP Thread
HY180	5	1/4"
HY181	5	3/8"
HY182	5	1/2"
HY183	2	5/8"
HY184	1	1"

1/2" BSP Hydraulic Breaker Hose Sets - 6 m

EN 857 2SC - SAE 100 R16S. Working Pressure: 275 bar/4000 PSI.

Part No.	Qty	Fittings
HY10	1	Male & Female Couplings
HY13	1	1/2" BSP Male Ends

1/2" BSP Hydraulic Breaker Hose Tails - 18"

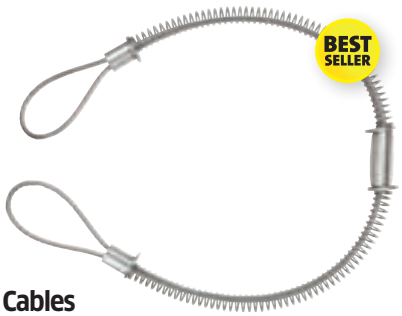
EN 857 2SC - SAE 100 R16S. Working Pressure: 275 bar/4000 PSI.

Part No.	Set of	Fittings
HY11	2	Male/Female Couplings
HY12	2	1/2" BSP Male Ends

Compressor Air Hose Assembly

20 bar/300 PSI high quality rubber/plastic hose.
Complete with brass claw fitting safety couplings.

Part No.	Qty	Size	Length
AL500	1 Coil	3/4"	15 m



Whip Check Cables

Steel cable and plated springs.

Part No.	Qty	Cable Diameter	Suits Hose Diameter	Length
AL90	1	1/8"	1/2" to 1 1/4" (Small)	540 mm
AL91	1	1/4"	1 1/2" to 3" (Large)	970 mm

FUCHS 'Renolin' ZAF 46 HV High Quality Hydraulic & Lubricating Oil

High viscosity index, zinc and ash free hydraulic oil.

- **Ideal for powering hydraulic systems working in refrigerated plant, mobile equipment, or where the system demands a fluid capable of working over a wide temperature range.**

Part No.	Qty	Size
VC117	1	20 Litres

FUCHS 'Agrifarm' Universal 2-stroke Oil

Specifications: API, TC, JASO, FB.
Suitable for use in all 2-stroke engines. May be used either as a tank mix or in oil injection systems. Dyed red for ease of identification.

- **Ideal for agricultural and horticultural machinery, chain saws, hedge cutters, strimmers, portable generators, etc.**

Part No.	Qty	Size
VC116	1	20 Litres

FUCHS 'Titan Truck Plus' 15W-40 Oil

Specifications: ACEA E7, API CI-4/SL, GLOBAL DHD-1, CAT ECF-1-a/ECF-2.
A super long term all season engine oil of the SHPD category for diesel and gasoline engines with and without turbo charging in passenger cars, trucks, buses and industrial equipment

- **Excellent wear protection even under high continuous stress**
- **Protection from corrosion even when used with diesel fuels with high sulphur content**

Part No.	Qty	Size
VC115A	1	5 Litres
VC115	1	20 Litres

ROCK OIL
ISO-32 Hydraulic Oil

Meets DIN 51525 and
DIN 51524 Parts 1 & 2.

- **Excellent protection of machinery and systems against corrosion and wear.**

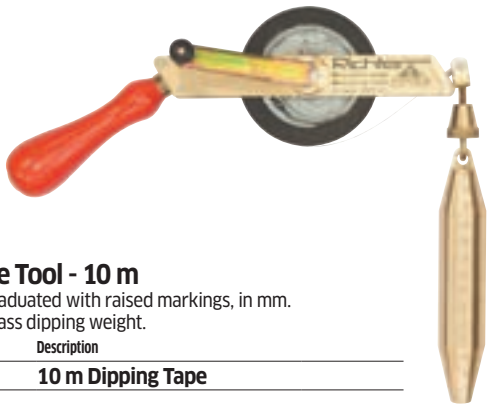
*** NOT to be used as Brake Fluid.**

Part No.	Qty	Size
VC199	1	20 Litres

KOLOR KUT
Water Finding Paste

A golden brown colour which turns brilliant red upon contact with water.
Can be used to successfully gauge water content in all petrol and hydrocarbons.

Part No.	Pack of	Size
VC752	1	85g Tube



RICHTER
Dipping Tape Tool - 10 m

Mild steel tape graduated with raised markings, in mm.
Complete with brass dipping weight.

Part No.	Qty	Description
VC750	1	10 m Dipping Tape

Water
Finding Strips

A golden brown colour which turns brilliant red upon contact with water.
Can be used to successfully gauge water content in all petrol and hydrocarbons.

Part No.	Tub of	Description
VC751	200	Dip Strips

NGK
Spark Plugs

Seat type: Flat.
Tip configuration: Non projected.
Construction: Special design.
Terminal type: Solid.

3.75 mm	Box of	NGK Ref.
PG1	10	B2LM
PG2	10	B4LM
PG3	10	B5HS
PG4	10	B6HS
PG5	10	BCPR5ES
PG6	10	BCPR6ES
PG7	10	BKR5E
PG8	10	BM6A
PG9	10	BMR4A
PG10	10	BMR6A
PG12	10	BMR7A
PG13	10	BP5ES
PG14	10	BP6ES
PG15	10	BPM6A
PG16	10	BPM7A
PG17	10	BPMR4A
PG18	10	BPMR6A
PG19	10	BPMR7A
PG20	10	BPR6HS
PG21	10	BPR5ES
PG22	10	BPR5HS
PG23	10	BPR6ES
PG24	4	BR10EIX
PG25	10	BR2LM
PG26	10	BR4HS
PG27	10	BR4LM
PG28	10	BR5ES
PG29	10	BR5HS
PG30	10	BR6HS
PG31	10	CM6
PG32	10	CMR6H
PG33	10	CR4HSB
PG35	10	CR5HSB

CreteBeater®

Non-Toxic

Non-Corrosive

CreteBeater®
The environmentally friendly foam for removing concrete and cement safely and effectively without damaging the surface of vehicles, tools, equipment, machinery and other surfaces

CreteBeater®
Dissolves concrete by breaking down the bond of cement, making concrete layers bubble up and release from the surface

CreteBeater®
Originally developed for use by the ready-mix concrete supply industry

CreteBeater®

CreteBeater 'Civil Engineering' Heavy Duty Concrete Remover

100% biodegradable and designed to safely remove cement and concrete by dissolving it in a bio-safe way. Does not contain muriatic, phosphoric or citric acids and is therefore, non-corrosive.

Safe to use on:

- Painted surfaces/vehicles
- Aluminium
- Glass/Windows
- Rubber/Tyres/Hoses
- Human Handling

Part No.	Qty	Pack Size
CB20	1	20 Litre Container

ALTA Foam Pressure Sprayer

Contains FPM VITON® (FKM) seals. Special lance produces a rich foam to help dissolve/degrease dirt. Suitable for use with S·A·S Snow Foam (Part No. SAS2017).

- High foaming action spray

Part No.	Qty	Working Capacity
CAN27	1	1.8 Litre

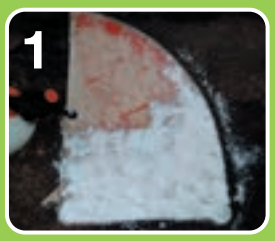
ALTA Foam Pressure Sprayer

Contains FPM VITON® (FKM) seals. Supplied with 3 x interchangeable nozzles to adjust the foam thickness. Suitable for use with S·A·S Snow Foam (Part No. SAS2017.

- High foaming action spray
- Lance with 120 cm long hose

Part No.	Qty	Working Capacity
CAN28	1	6.0 Litre

In 3 simple steps!



Apply CreteBeater as a foam making sure the surface is covered and saturated

Infuse for 20-45 minutes ensuring area remains wet (especially in hot conditions)*

Rinse off using pressure washer or water and brush for detailing

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300

300

302

304

306

Grease + Chemicals

308

298 Additives
300 AdBlue®
300 Screen Wash
301 Ice + Snow Removal
303 Valeting
312 Servicing
314 Cleaning
316 Grease Nipples
317 Grease Guns
318 Grease
320 Plant Machinery Oils
321 Lubricants + Maintenance
325 Rust Treatment
326 Metal Protection Sprays
327 Primers
328 Paints
330 Paint Rollers
331 Paint Brushes
332 Assortment Sprays

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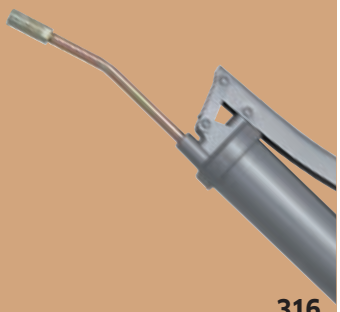
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S·A·S Diesel Fuel Treatment

Improves engine performance.
Lubricates and extends life if injectors and fuel pumps.
Compatible with catalytic converters and particulate traps.
Reduces Exhaust Emissions

Part No.	Qty	Size
SAS701	1	250ml Bottle
SAS701/12	12	250ml Bottles

S·A·S Petrol Fuel Treatment

Improves engine performance.
Neutralises acids and improves fuel economy.
Compatible with catalytic converters and engine sensors.
Reduces Exhaust Emissions

Part No.	Qty	Size
SAS702	1	250ml Bottle
SAS702/12	12	250ml Bottles

S·A·S Engine Flush

Advanced formulation.
Helps prolong the life of new engine oil.
Removes sludge, lacquer and
varnish from all lubrication faces.

Part No.	Qty	Size
SAS703	1	250ml Bottle
SAS703/12	12	250ml Bottles

STP Engine Flush

Suitable for petrol and diesel engines.
Add directly to used motor oil before each oil change.

- **Removes harmful sludge and deposits.**
- **Contains an anti-wear additive to help protect engine surfaces.**

Part No.	Qty	Size
VC151	1	450ml Bottle

Valve Grinding Sticks

Double ended suction cup.

Part No.	Pack of	Description
TL882A	2	Valve Grinding Sticks

STP Diesel Injector Cleaner

A high strength, super concentrated cleaner specially formulated to remove power-robbing deposits from all fuel injection systems. Cleans clogged injectors in just one tankful. Compatible with catalytic converters.

- **Restore power and acceleration.**
- **Smooth out rough idling.**
- **Clean and condition fuel delivery system.**
- **Increase fuel economy.**
- **Reduce exhaust emissions.**

Part No.	Qty	Size
VC153	1	200ml Bottle

STP Petrol Injector Cleaner

A high strength, super concentrated cleaner specially formulated to remove power-robbing deposits from all fuel injection systems. Cleans clogged injectors in just one tankful. Compatible with catalytic converters.

- **Restore power and acceleration.**
- **Smooth out rough idling.**
- **Clean and condition fuel delivery system.**
- **Increase fuel economy.**
- **Reduce exhaust emissions.**

Part No.	Qty	Size
VC152	1	200ml Bottle

BAR'S Radiator Stop Leak

Specially designed to stop emergency cooling system leaks and drips and reduce or eliminate cavitation.

- **Stops and prevents internal and external leaks up to 0.9 mm in size**
- **Freely recirculates to prevent future leaks**
- **Buffing agents keep system clean - will not clog**
- **Compatible with all antifreeze brands**

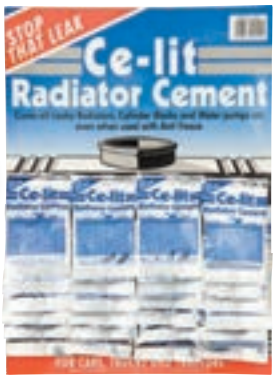
Part No.	Qty	Size
VC230N	10	200ml Bottles

CE-LIT Radiator Cement

Cures all leaky radiators,
cylinder blocks and water pumps, etc.
even when used with anti-freeze.

- **For Cars, Trucks and Tractors.**

Part No.	Qty	Description
DC70	1	Display Card of 24 Sachets



CHEMICO Grinding Paste

Silicone carbide and lithium based grease.
Double-ended tin of Coarse and Fine paste.

- **A handy supply of a Coarse paste to cut and a Fine paste to finish.**
- **It has inherent shear stability, corrosion protection and good sealing properties.**

Part No.	Pack of	Size
GLU13	4	110g Tin

8 IN 1

The complete fuel and exhaust system cleaner

- Fuel Tank
- Injectors
- Catalytic Converter
- Oxygen Sensors
- EGR Valve
- DPF
- Combustion Chamber
- Intake Valves

CATACLEAN

NEW

Petrol Formula

CATACLEAN Petrol

Improves fuel economy, reduces emissions, restores performance and extends the life of engine and exhaust parts.

- **Safe for all petrol and hybrid vehicles**
- **Protects and maintains catalytic converters**

Part No.	Qty	Size
VC250	6	500ml Bottles
VC250A	1	500ml Bottle

CATACLEAN

NEW

Hybrid Formula

CATACLEAN Hybrid

Improves fuel economy, reduces emissions, restores performance and extends the life of engine and exhaust parts.

- **Reduces risk of petrol particulate filter (PPF) clogging**
- **Protects and maintains catalytic converters**

Part No.	Qty	Size
VC252	6	500ml Bottles
VC252A	1	500ml Bottle

CATACLEAN

NEW

Diesel Formula

CATACLEAN Diesel

Improves fuel economy, reduces emissions, restores performance and extends the life of engine and exhaust parts.

- **Reduces risk of diesel particulate filter (DPF) clogging**
- **Protects and maintains catalytic converters**

Part No.	Qty	Size
VC251	6	500ml Bottles
VC251A	1	500ml Bottle

CATACLEAN

NEW

Special Formula **For ALL Engines**

CATACLEAN Workshop

Improves fuel economy, reduces emissions, restores performance and extends the life of engine and exhaust parts.

- **Safe for all diesel, petrol and hybrid vehicles**
- **Protects and maintains catalytic converters**

Part No.	Qty	Size
VC253	1	5L Container

Granville

GRANVILLE
Brake & Clutch Fluid

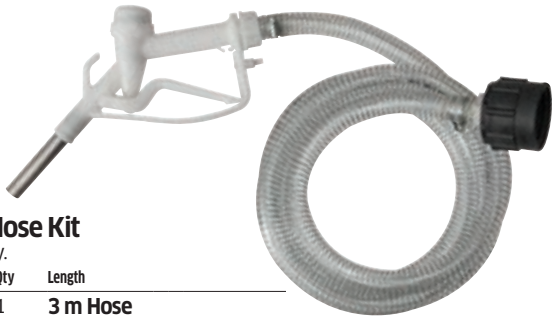
DOT 4.

Part No.	Qty	Size
VC165	1	5 Litre Container

AdBlue®
Plastic Delivery Nozzle

- 19 mm Spout
- 3/4" BSP

Part No.	Qty	Description
ADB301	1	Delivery Nozzle



AdBlue®
Gravity Hose Kit

Self assembly.

Part No.	Qty	Length
ADB302	1	3 m Hose

AdBlue® Solution

ISO 22241. Suits all Euro 4/5/6 diesel engines.
For AdBlue® diesel vehicles, ready to use.
32.5% solution of pure urea in demineralised water.

- Freezing point of -11°C
- Pouring spout included

Part No.	Qty	Size
ADB10	1	10 Litres
ADB20	1	20 Litres
ADB205 *	4	210 Litres

* Ships directly from the supplier

ARDINA CAR CARE

ARDINA
Screen Wash
1:100 Concentrate

Highly concentrated screenwash which removes dirt, water spots and insects. Leaves a pleasant smell and a streak free finish.

- Highly concentrated product: 1 bottle makes 3 litres

Part No.	Box of	Size
DSL62	25	32ml Bottles

S·A·S

S·A·S
Concentrated
Screen Wash

Designed with powerful detergents and an anti-freeze agent to prevent washer jets freezing in the wintertime, and to clear summer fly squash.

- Lowest working temperature: -7.6°C.

Part No.	Pack of	Size
SAS1060/2	2	5 Litre Containers

Decosol

CLEARALEX
Concentrated Screen Wash

Designed with powerful detergents and a n anti-freeze agent to prevent washer jets freezing in the wintertime, and to clear summer fly squash.

- Lowest working temperature: -7.6°C.

Part No.	Pack of	Size
DSL60	2	5 Litre Containers

Decosol

DECOSOL
Ready Mix
Screen Wash

Pour into the washer bottle and go! Highly concentrated formula, cleans without smearing.

Part No.	Pack of	Size
DSL21N	2	5 Litre Containers

POLYGARD

POLYGARD 'Arctic' Concentrated Screen Wash -10°C

A concentrated glass cleaner that helps keep windscreens free of road debris, grease, insect remains and ice under both winter and summer driving conditions thereby improving visibility and safety.

- **Lowest working temperature: -10°C**
- **Fast Acting Non Smear Formula**
- **Fragranced**

Part No.	Pack of	Size
VC61A	1	1 Litre Bottle
VC61	12	1 Litre Bottles

POLYGARD

POLYGARD 'Arctic' Professional Concentrated Screen Wash -20°C

A concentrated glass cleaner for professional users only that helps keep windscreens free of road debris, grease, insect remains and ice under winter and summer driving conditions. When used neat it will help de-ice your windscreen & prevent refreezing down to -20° C.

- **Lowest working temperature: -20°C**
- **Non Smear**
- **Fragranced**
- **For Winter: Use Un-diluted Summer: Dilute with Water 1:15 (Max)**

Part No.	Pack of	Size
VC65A	1	5 Litre Container
VC65	4	5 Litre Containers

Granville

*Battery not included or supplied - for illustration purposes only

De-Ionised Water

Conforms to BS4974. Purified of dissolved minerals and salts through de-ionisation and recognised as the best choice for maintaining lead acid batteries.

- **Does not conduct electricity and will not hinder battery performance**

Part No.	Qty	Size
VC805	1	5 Ltr
VC825	1	25 Ltr

Brown Rock Salt

Ideal for preventing ice and snow on paths or driveways. Conforms or exceeds BS 3247: 2011 and is the same product used by councils and highway agencies.

* Ships directly from the supplier

Part No.	Pack Qty	Pack Size	Pallet Weight
RS2	40 Bags	23.5 - 25 kg	1 Tonne

White De-icing Salt

Ideal for clearing snow or ice from areas with high footfall. Does not contain clay to help reduce the need for cleaning floors as people enter buildings.

* Ships directly from the supplier

Part No.	Pack Qty	Pack Size	Pallet Weight
RS1	40 Bags	23.5 - 25 kg	1 Tonne

Looking for more Ice + Snow Removal

Range features overleaf...

Extending Shovel

Aluminium with heavy duty nylon head and handle.

Part No.	Qty	Description
TL8020	1	Extending Shovel

5" Heavy Duty Ice Scraper

- Soft foam grip handle

Part No.	Qty	Description
TL8021	1	Ice Scraper

3-in-1 Ice Scraper

Part No.	Qty	Description
TL8022	1	Ice Scraper with Squeegee

Decosol

DECOSOL Power De-icer

High strength formula quickly removes frost and ice from windows and windscreens.
Highly concentrated to prevent refreezing.

Part No.	Pack of	Size
DSL31	6	750ml Sprayers

NILCO Cleaning Solutions

NILCO 'Nilglass' Glass & Mirror Cleaner

Britain's leading commercial glass cleaner. For use on all water resistant hard nonporous substrates, particularly glass and other reflective surfaces for light duty cleaning.

Part No.	Pack of	Size
NIL1	6	1 Litre Trigger Sprays
NIL5	2	5 Litre Containers

Decosol

DECOSOL Glass Cleaner

High performance glass and mirror cleaner leaves a streak-free surface both inside and out.
Will not harm rubber and plastics.
Removes insect smear, road & traffic film, nicotine and finger prints.

Part No.	Pack of	Size
DSL40	6	750ml Sprayers

SAS

S·A·S Assorted Pack - Valeting Aerosols 500ml

A selection of professional quality valeting aerosols, providing a clean finish for all vehicles. Plus the No.1 selling Universal Maintenance Lubricant, ideal for everyday maintenance applications.

Part No.	Qty
SASV	Set of 6

6 x 500ml Aerosols: Glass Cleaner, Cockpit Spray, Tyre Foam, Multi Purpose Foam Cleaner, Air Duster, Universal Maintenance Lubricant.

SAS

BEST SELLER

S·A·S Glass Cleaner

- Cleans Glass, Ceramics, Perspex and any hard surfaces.
- Can be used as a Telephone Cleaner (spray onto cloth before use).
- Silicone FREE formula.

Part No.	Pack of	Size
SAS16	6	500ml Aerosols

SAS

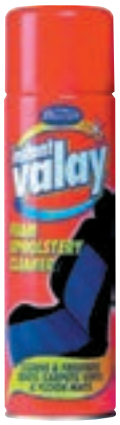
S·A·S Air Con Sanitiser

Each aerosol provides up to 4 sanitising applications

- Highly effective natural formulation.
- Eliminates odours from air con and heating systems.
- Leaves system fresh and germ free for months.
- Complete with specially designed wide-spray extension.
- Silicone FREE formula.

Part No.	Pack of	Size
SAS55	6	500ml Aerosols

Decosol



DECOSOL 'Instant Valay' Foam Upholstery Cleaner

Award winning foam cleaner.

Fast acting, effective foam cleaner, which safely and gently lifts dirt from fabric, upholstery, vinyl and most interior fitments, including carpets and floor mats.

Part No.	Pack of	Size
DSL50	12	500ml Aerosols

SAS

BEST SELLER

S·A·S Cockpit Spray

Restores sheen to any hard surface

- Enhances appearance of plastics, vinyl and rubber.
- Suitable for Public Service Vehicles as a protective coating against soiling.
- Acts as a plasticiser.
- Contains Silicone.

Part No.	Pack of	Size
SAS15	6	500ml Aerosols

SAS

BEST SELLER

S·A·S Multi-Purpose Foam Cleaner

Use on Upholstery, Curtains, Fabrics and Hard Surfaces; e.g. Computer Casings, Office Furniture.

- Instant foaming action lifts dirt.
- Easily wiped away.
- Removes nicotine stains.
- Anti-static formula when used with non static cloth (i.e. microfibre).
- Ideal for use in Offices, Cars and Public Service Vehicles.
- Silicone FREE formula.

Part No.	Pack of	Size
SAS32	6	500ml Aerosols

SAS

S·A·S Multi Shine

Designed for use in body shops or adjacent to paint spray areas.

- A Silicone FREE alternative to 'Cockpit Shine'.
- Gives an attractive, satin sheen to surfaces.
- Ideal for Matt finish dashboard/interiors.

Part No.	Pack of	Size
SAS51	6	500ml Aerosols

SAS

S·A·S Air Duster

High pressure compressed air.

- Ideal for use on Vehicle Dashboards, Electronic Equipment, Delicate Instruments, Hi-Fi Equipment, Computer Keyboards, etc.
- When sprayed upside down acts as a freeze spray which can remove Chewing Gum.
- Silicone FREE formula.

Part No.	Pack of	Size
SAS54	6	500ml Aerosols

SAS

S·A·S Tyre Foam

Wash vehicle, spray on and leave for shine to develop.

- Suitable for all types of tyre on any vehicle.
- Contains Silicone.

Part No.	Pack of	Size
SAS43	6	500ml Aerosols

S·A·S Pre-Wash Snow Foam

Highly concentrated, high foaming, powerful cleaning formula. Safe to use on all types of paintwork and a great way to prepare your vehicle for washing.

- **Highly concentrated - dilute to a ratio of 9 parts water to 1 part product**
- **pH neutral formula breaks down excess dirt, dust, and grime to leave behind a prepped surface for washing**
- **Multi-Purpose Application - can be used with a foam gun, pressure washer foam lance and through a pump sprayer**

Part No.	Qty	Description
SAS2517A	1	500ml Bottle

S·A·S Car Care Shampoo

A luxurious, high concentration car shampoo. With a dilution ratio of 1900:1 - only 12ml cleans an average sized car.

- **Dilution ratio of 1900:1**
- **High foaming lubrication prevents scratching paintwork**
- **Fully compatible with all types of waxes, sealants and ceramic coatings**

Part No.	Qty	Description
SAS2511A	1	500ml Flip Top Bottle

S·A·S Concentrated Wash & Wax

A concentrated shampoo and wax that's strong enough to cut through dirt and road film, while gentle enough not to harm the existing layer of protection on your car.

- **Cleans, shines and protects in one easy step**
- **Between 1:400 and 1:800 dilution ratio - add 2 caps to every 10 litres of water**
- **Special lubricants and waxes provide a smooth glide feel between your wash media and the paint surface**
- **Protects paintwork**

Part No.	Qty	Description
SAS2545A	1	500ml Pump Dispenser

S·A·S Alloy Wheel Cleaner

Offers a deep rich clean to your vehicle's wheels, without damaging your sealants.

- **Acid-free**
- **pH neutral**
- **Safe for use on all types of alloy wheels**
- **Tough on dirt but gentle on paint**

Part No.	Qty	Description
SAS2506A	1	500ml Trigger Spray

S·A·S Glass Cleaner

Specially formulated to be safe to use on tinted glass, it leaves behind a streak-free finish and hydrophobic protection.

- **Cleans all glass, mirrored surfaces, lights and chrome trims**

Part No.	Qty	Description
SAS2516A	1	500ml Trigger Spray

S·A·S Cockpit & Trim Shine

Provides the perfect finish to all plastics, rubber trims and tyres leaving behind a protective barrier that is resistant to road debris.

- **Fast drying**
- **Leaves a protective gloss coating**
- **Highly resistant to road debris**

Part No.	Qty	Description
SAS2515A	1	500ml Trigger Spray

S·A·S Multi Purpose Cleaner

A professional, solvent-free, multi-purpose cleaner designed to clean all exterior and interior automotive surface materials quickly and safely.

- **Highly effective on all hard and soft surfaces**
- **Designed for undercarriages, door shuts and engine bay cleaning**
- **Breaks down grease and dirt with ease making it ideal for hard to reach places**

Part No.	Qty	Description
SAS2510A	1	500ml Trigger Spray

S·A·S Tyre Shine Gel

High gloss tyre sealant. Containing high grade silicone and white oil - leaves tyres looking replenished and new. This highly effective, long lasting formula will protect your tyre wall from cracking and browning.

- **Long lasting formula**
- **Leaves tyres looking as good as new**
- **Protects tyre wall from cracking and browning**

Part No.	Qty	Description
SAS2543A	1	500ml Pump Dispenser

S·A·S Heavy Cutting Paste (Stage 1 of 3)

The first of three stages of cutting compounds. Designed as an aggressive stage of polishing. It will remove scratches of 1200 grit sandpaper and swirl marks with ease, preparing for our Medium Cutting Paste.

- **Formulated with high cutting abrasives and fillers**
- **Contains kaolin clays to help refine, restore and cleanse your vehicle's paintwork**

Part No.	Qty	Description
SAS2501A	1	500ml Flip Top Bottle

S·A·S Medium Cutting Paste (Stage 2 of 3)

The second of three stages of cutting compounds. Formulated with diminishing abrasive chemistry. This means the particles of abrasive start off large, getting smaller the more you work with them - in effect lowering the cutting power over time.

- **Refines, restores and cleanses vehicle paintwork**
- **Contains the highest grade of fillers and kaolin clays**
- **Helps to even out the deeper cuts of our Heavy Cutting Paste in preparation for our Fine Cutting Paste**

Part No.	Qty	Description
SAS2502A	1	500ml Flip Top Bottle

S·A·S Fine Cutting Paste (Stage 3 of 3)

The final of three stages of cutting compounds. Formulated with diminishing abrasive chemistry. This means the abrasive particles get smaller the more they are worked into the paintwork. This effectively means the cutting power of the compound reduces whilst you're using it, offering a more even and gradual application.

- **Contains the highest grade of fillers and kaolin clays**
- **Refines and cleanses your vehicle's paintwork**
- **Designed as the final stage of polishing**

Part No.	Qty	Description
SAS2503A	1	500ml Flip Top Bottle

S·A·S High Gloss Polish

All-in-one wax and polish. Essential for any detailing enthusiast. Contains special abrasives and fillers to help remove paintwork defects.

- **Infused with the finest grade Brazilian carnauba wax**
- **Long term protection**
- **High-gloss finish**
- **Protects against road debris**
- **UV protection**

Part No.	Qty	Description
SAS2508A	1	500ml Pump Dispenser

S·A·S Detailing Pack - Exterior

Part No.	Qty	Description
SASVP1	Set of 6	Exterior Pack

2 x 500ml Pre-Wash Snow Foam, 500ml Concentrated Wash & Wax,
1 x 500ml Care Care Shampoo, 500ml Alloy Wheel Cleaner

S·A·S Detailing Pack - Interior/Exterior

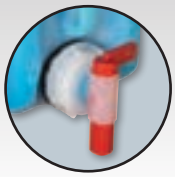
Part No.	Qty	Description
SASVP2	Set of 6	Interior/Exterior Pack

2 x 500ml Glass Cleaner, 500ml Cockpit & Trim Shine,
1 x 500ml Multi Purpose Cleaner, 500ml Tyre Shine Gel

S·A·S Detailing Pack - Exterior Polish

Part No.	Qty	Description
SASVP3	Set of 6	Exterior Polish Pack

2 x 500ml High Gloss Polish, 500ml Fine Cutting Paste,
1 x 500ml Medium Cutting Paste, 500ml Heavy Cutting Paste



S·A·S Glass Cleaner

Supplied in a stackable UN container.

- Advanced Silicone Free Formula - Rapid evaporation provides a streak-free finish
- Highly Effective Cleaning Power - Quickly removes dirt, grease and bird droppings on windows, mirrors, plastic, vinyl & hard surfaces

Part No.	Qty	Size
SAS2016	1	5 Litre Container
SAS2000T	1	5 Litre Dispenser Tap

S·A·S Silicone Tyre Dressing

Supplied in a stackable UN container.

- Makes Tyres Look Like New - Advanced silicone based formula returns tyres back to a slick black sheen
- Quick & Easy Application - Simply spray on and wipe
- Contains Silicone

Part No.	Qty	Size
SAS2043	1	5 Litre Container

S·A·S Satin Finish Cockpit Shine

Supplied in a stackable UN container.

- Advanced Silicone Free Polymer Formula - Long lasting satin finish that repels soiling & staining
- Protects All Things Rubber & Plastic - Use on internal & external plastic, vinyl and rubber trims & finishes to prevent drying, fading & cracking

Part No.	Qty	Size
SAS2015	1	5 Litre Container

Turns Red-Purple During Cleaning

S·A·S Alloy Wheel Cleaner

Supplied in a stackable UN container.

- High Performance Formulation - Dissolves brake dust and other iron-rich contaminants
- Safe On All Wheel Types - Effectively cleans all types of wheel finish including highly polished and anodised aluminium

Part No.	Qty	Size
SAS2041	1	5 Litre Container

S·A·S Leather Cleaner

Supplied in a stackable UN container.

- Powerful 3-in-1 Formula - Cleans, rejuvenates and conditions
- pH Balanced - Helps to prolong leather life

Part No.	Qty	Size
SAS2033	1	5 Litre Container

S·A·S Tar & Gum Remover

Supplied in a stackable UN container.

- Extremely Strong Formula - Instantly dissolves tar & gum on paintwork & plastics
- Multi-Purpose Application - Can also be used to remove oil, grease, fuel stains, wax, silicone & adhesive residue

Part No.	Qty	Size
SAS2058	1	5 Litre Container

S·A·S Concentrated Carpet Shampoo

- Concentrated Formulation - Dilute to remove light soiling or use neat to remove heavy soiling on all carpets
- Powerful Cleaning Action - Unique formula breaks down oil & grease for quick & easy cleaning of porous materials

Part No.	Qty	Size
SAS2132	1	1 Litre Bottle

ALTA Foam Pressure Sprayer

Contains FPM VITON® (FKM) seals. Supplied with 3 x interchangeable nozzles to adjust the foam thickness. Suitable for use with S·A·S Snow Foam (Part No. SAS2017.

- High foaming action spray
- Lance with 120 cm long hose

Part No.	Qty	Working Capacity
CAN28	1	6.0 Litre

S·A·S Pre-Wash Snow Foam

Supplied in a stackable UN container.
Dilute 100/150ml per car.

- **Biodegradable Free Formula - Safely and efficiently lifts dirt and grime without stripping sealant or wax protection**
- **Multi-Purpose Application - Can be used with a foam gun, pressure washer foam lance and through a pump sprayer**
- **pH = 9-11**

Part No.	Qty	Size
SAS2017	1	5 Litre Container
CAN27	1	Foam Pressure Sprayer 1.8 Litre

S·A·S Highly Concentrated Vehicle Shampoo

Supplied in a stackable UN container.
Dilution ratio: 1900:1.

- **Paintwork Protection Formula - Special lubricants cuts through tough dirt and grime that is gentle enough to protect existing paint layer**
- **Highly Concentrated Formula - Very economical dilution ratio 1900 water : 1 solution**

Part No.	Qty	Size
SAS2011	1	5 Litre Container

S·A·S Concentrated Wash & Wax

Supplied in a stackable UN container.
Dilution ratio: Between 1:400 and 1:800.

- **Paint Protection Formula - Special lubricants cuts through tough dirt and grime that is gentle enough to protect existing paint layer**
- **Leaves A Long Lasting Shine - Waxes provide a glossy paint protection finish that leaves vehicles clean and shiny for weeks**

Part No.	Qty	Size
SAS2045	1	5 Litre Container

S·A·S Hydrophobic Paint Guard

Supplied in a stackable UN container.

- **Long Lasting Hydrophobic Guard - A unique sealant provides protection from bird droppings, bugs and road salts**
- **Multi-Purpose Application - Can be used all over vehicles: Coating paintwork, glass, alloy wheels, steel, plastics and rubbers**

Part No.	Qty	Size
SAS2021	1	5 Litre Container

S·A·S Concentrated Traffic Film Remover

Supplied in a stackable UN container.
Dilution ratio: 1:50.

- **Heavy Duty Formula - Contains sodium hydroxide for effortless cleaning**
- **Multi-Purpose Application - Can be used with a foam gun, pressure washer foam lance and through a pump sprayer**

Part No.	Qty	Size
SAS2040	1	5 Litre Container

S·A·S Waterless Wash & Wax

Supplied in a stackable UN container.

- **Cleans Without Rinsing With Water - The unique formula ensures dirt particles are encapsulated providing a scratch free clean**
- **Professional Wax Finish - Contains Carnauba wax for a durable long lasting protection with an outstanding glossy shine**
- **Contains Silicone**

Part No.	Qty	Size
SAS2022	1	5 Litre Container

S·A·S Wax Spray

Supplied in a stackable UN container.

- **Temperature Insensitive Formula - Quickly provides a thin protective coating of Carnauba wax & gloss enhancing polymers**
- **Professional Streak Free Finish - Produces a durable long lasting protection with an outstanding ultra-slick glossy shine**
- **Contains Silicone**

Part No.	Qty	Size
SAS2046	1	5 Litre Container

S·A·S Odour Eliminator

Supplied in a stackable UN container.

- **Complete Odour Control Formula - Captures, breaks down and kills unpleasant odours**
- **Perfume Free Fresh Fragrance - Removes unwanted smells caused by smoke, damp, pets and traffic fumes leaving it smelling fresh & clean**

Part No.	Qty	Size
SAS2034	1	5 Litre Container

NILCO 'Power Fresh' Air Fresheners

'Power Blast' aerosol provides high volume burst of fragrance.
For industrial or janitorial applications.
Helps eliminates odours in large areas.

Ideal for:

- PSVs.
- Meeting Rooms.
- Refuse Areas.
- Conference Halls.
- Warehouses.
- Changing Rooms & Toilets.

Part No.	Qty	Fragrance	Size
NIL605	1	Spring	750ml Aerosol
NIL606	1	Cranberry	750ml Aerosol
NIL607	1	Lavender	750ml Aerosol

Part No.	Description
AP63	Assorted Pack of 3

1 x Spring. 1 x Cranberry. 1 x Lavender.

LITTLE TREES Air Fresheners - 'Black Ice'

The original 'MAGIC TREE'. Men's cologne fragrance.

- **Ideal for inconspicuous use on black car interiors.**

Part No.	Box of	Description
VC663	24	Black Ice

LITTLE TREES Air Fresheners

The original 'MAGIC TREE'. Assorted Fragrances

Part No.	Qty	Description
VC660	Box of 24	Display Box

4 x New Car Scent, 4 x Forest Fresh, 4 x Black Ice, 4 x Arctic White, 8 x Vanillaroma.

Wheel Brush

- Specially designed super soft flexible bristles
- Cleans all hard to reach areas
- Pro-grade, non-scratch safety tip

Part No.	Qty	Description
WB20	1	Wheel Brush

LISTER Vehicle Wash Brush - Industrial Size

Nylon bristles with Hose Fitting.
For use on Vans, Coaches, Trucks, Caravans, etc.

Part No.	Qty	Description
WB91	1	Industrial Size Brush

LISTER Extension Handles for Vehicle Wash Brushes

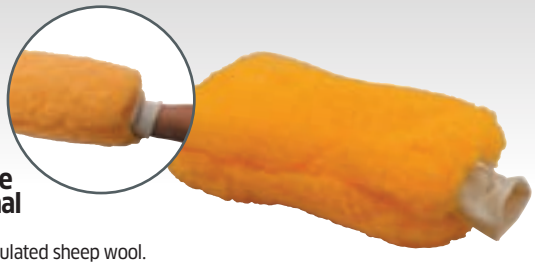
Compatible with Part No.s WB91, WB94. (Brush head NOT included).

Part No.	Qty	Length
WB93	1	3 ft
WB96	1	6 ft

Telescopic Wash Brush

Soft bristles with flow-through handle.
Length: 100 cm closed, extends to 170 cm (5 ft 8").

Part No.	Qty	Description
WB90	1	Telescopic Wash Brush
WB90H	1	Replacement Brush Head



Extra Large Professional Wash Mitt

Made from simulated sheep wool.

- **Trade quality.**

Part No.	Qty	Description
WC15	1	**Professional Wash Mitt**

Jumbo Sponges

Synthetic sponge.

- **Designed for professional use.**

Part No.	Qty	Approx. Dimensions.
WC17	12	**250 x 120 x 70 mm**

Microfibre Cloths

Trade size.

- **Heavy duty micro fibre.**

Part No.	Pack of	Description
WC18	10	**Micro Fibre Cloths**

Large Ultra Fine Microfibre Glass Towel

Designed for professional use.

- **Ultra fine silky shine finish.**
- **Perfect for cleaning glass.**

Part No.	Qty	Size
WC11	1	**400 x 480 mm**

Polishing (Mutton) Cloths

100% cotton stockinette.

Part No.	Qty	Size
WC1	1	**750g Roll**
WC3	1	**1 kg Bale of Cut Lengths**
WC13	1	**2 kg Bale of Precut Lengths**

'Water Wizard' Waffle Drying Towel

Designed for professional use.

- **Leaves a streak free finish.**
- **Dry a car in half the time!**
- **Double the absorption of standard towels.**

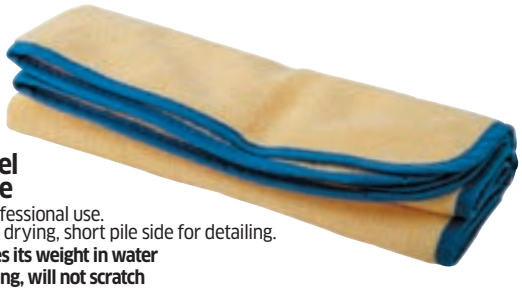
Part No.	Qty	Size
WC12	1	**560 x 760 mm**

Microfibre Drying Towel - Large Size

Long pile side for drying with short pile on the other side for detailing.

- **Machine washable.**
- **Super soft edging will not scratch.**
- **Micro fibre technology attracts and holds on to dirt.**

Part No.	Qty	Size
WC10	1	**600 x 800 mm**



Microfibre Drying Towel - Extra Large

Designed for professional use.
High pile side for drying, short pile side for detailing.

- **Absorbs 8 times its weight in water**
- **Super soft edging, will not scratch**
- **Low lint and clear coat safe**

Part No.	Qty	Size
WC19	1	**600 x 1000 mm**

Professional Chamois Leather

Made from high quality New Zealand leather.

Part No.	Qty	Size
WC16	1	**2.25 ft²**

Professional PVA Non-Perforated Synthetic Chamois

Mesh reinforced. Rot proof.

- **Machine washable.**
- **More durable than a chamois leather.**
- **Soft and long lasting with high absorption.**

Part No.	Qty	Size
WC14	1	**660 x 430 mm**

Looking for Polishing Pads & Discs?

New range features overleaf...

ABRACS
abrasives and accessories

ABRACS
Flat Hook & Loop Pad

High quality polyester sponge pad with excellent tensile strength and durability for the restoration and maintenance of painted vehicle bodywork. Hook and loop area 150 x 32 x 130 mm.

Part No.	Qty		Colour	Useage	
WBS10	1		White	Step 1	Cutting/Compounding
WBS11	1		Orange	Step 2	Polishing
WBS12	1		Black	Step 3	Finishing

ABRACS
abrasives and accessories

ABRACS
Corrugated Hook & Loop Pad

High quality polyester sponge pad with excellent tensile strength and durability for the restoration and maintenance of painted vehicle bodywork. Hook and loop area 150 x 32 x 130 mm.

Part No.	Qty		Colour	Useage	
WBS13	1		White	Step 1	Cutting/Compounding
WBS14	1		Orange	Step 2	Polishing
WBS15	1		Black	Step 3	Finishing

ABRACS
abrasives and accessories

ABRACS
Bevel Edge Hook & Loop Pad

High quality polyester sponge pad with excellent tensile strength and durability for the restoration and maintenance of painted vehicle bodywork. Hook and loop area 150 x 30 x 130 mm.

Part No.	Qty		Colour	Useage	
WBS19	1		White	Step 1	Cutting/Compounding
WBS20	1		Orange	Step 2	Polishing
WBS21	1		Black	Step 3	Finishing

ABRACS
abrasives and accessories

ABRACS
Traditional Foam Head Pad

High quality polyester sponge pad with excellent tensile strength and durability for the restoration and maintenance of painted vehicle bodywork. Dimensions 150 x 50 mm. Thread M14.

Part No.	Qty		Colour	Useage	
WBS25	1		White	Step 1	Cutting/Compounding
WBS26	1		Orange	Step 2	Polishing
WBS27	1		Black	Step 3	Finishing

ABRACS
abrasives and accessories

ABRACS
Foam Head Ball Series Pad

High quality polyester sponge pad with excellent tensile strength and durability for the restoration and maintenance of painted vehicle bodywork. Dimensions 150 x 45 mm. Thread M14.

Part No.	Qty		Colour	Useage	
WBS22	1		White	Step 1	Cutting/Compounding
WBS23	1		Orange	Step 2	Polishing
WBS24	1		Black	Step 3	Finishing

ABRACS
abrasives and accessories

ABRACS
Woollen Polishing Pad

Concave 100% wool pad for buffing and polishing surfaces. Hook and loop diameter 125 mm.

Part No.	Qty		Colour	Grade
WBS28	1		White	Thick
WBS29	1		Natural	Fine

ABRACS
5" Hook & Loop Backing Pad

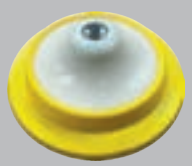
Professional backing pad for use with the Abracs range of cutting, polishing and finishing pads.

Part No.	Qty	Size	Thread
WBS31	1	5" (125 mm)	M14 x 2.0 mm

ABRACS
3" Corrugated Hook & Loop Pads

High quality polyester sponge pad with excellent tensile strength and durability for the restoration and maintenance of painted vehicle bodywork. Hook and loop area 78 x 30 mm.

Part No.	Pack of	Colour	Useage	
WBS16	3	White	Step 1	Cutting/Compounding
WBS17	3	Orange	Step 2	Polishing
WBS18	3	Black	Step 3	Finishing



ABRACS
3" Hook & Loop Backing Pad

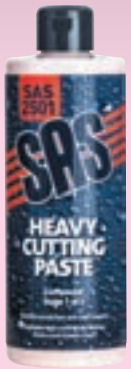
Professional backing pad for use with the Abracs range of 3" cutting, polishing and finishing pads.

Part No.	Qty	Size	Thread
WBS30	1	3" (75 mm)	M14 x 2.0 mm

3" Buffing Kit with Hook & Loop Backing c/w Backing Pad

Part No.	Qty	Description
WC5	1 Set	4 Piece Set

3 x 75 mm (3") Buffing Pads: Lambs wool, sponge pad (white), sponge pad (yellow). 1 x Backing Pad: 75 mm (3").



S·A·S Heavy Cutting Paste (Stage 1 of 3)

The first of three stages of cutting compounds. Designed as an aggressive stage of polishing. It will remove scratches of 1200 grit sandpaper and swirl marks with ease, preparing for our Medium Cutting Paste.

- **Formulated with high cutting abrasives and fillers**
- **Contains kaolin clays to help refine, restore and cleanse your vehicle's paintwork**

Part No.	Qty	Description
SAS2501A	1	500ml Flip Top Bottle

S·A·S Medium Cutting Paste (Stage 2 of 3)

The second of three stages of cutting compounds. Formulated with diminishing abrasive chemistry. This means the particles of abrasive start off large, getting smaller the more you work with them - in effect lowering the cutting power over time.

- **Refines, restores and cleanses vehicle paintwork**
- **Contains the highest grade of fillers and kaolin clays**
- **Helps to even out the deeper cuts of our Heavy Cutting Paste in preparation for our Fine Cutting Paste**

Part No.	Qty	Description
SAS2502A	1	500ml Flip Top Bottle

S·A·S Fine Cutting Paste (Stage 3 of 3)

The final of three stages of cutting compounds. Formulated with diminishing abrasive chemistry. This means the abrasive particles get smaller the more they are worked into the paintwork. This effectively means the cutting power of the compound reduces whilst you're using it, offering a more even and gradual application.

- **Contains the highest grade of fillers and kaolin clays**
- **Refines and cleanses your vehicle's paintwork**
- **Designed as the final stage of polishing**

Part No.	Qty	Description
SAS2503A	1	500ml Flip Top Bottle

S·A·S High Gloss Polish

All-in-one wax and polish. Essential for any detailing enthusiast. Contains special abrasives and fillers to help remove paintwork defects.

- **Infused with the finest grade Brazilian carnauba wax**
- **Long term protection**
- **High-gloss finish**
- **Protects against road debris**
- **UV protection**

Part No.	Qty	Description
SAS2508A	1	500ml Pump Dispenser

General Car Seat Protectors

Cover size: 800 x 640 mm.

Part No.	Qty	Weight
BAG35	Box of 100	15 Micron

Quality Car Seat Protectors

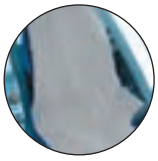
Roll width: 650 mm.

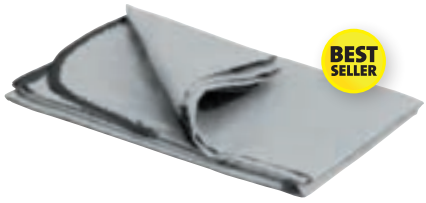
Part No.	Qty	Weight
BAG15	Roll of 100	25 Micron

Economy Car Seat Protectors

Supplied on a roll.

Part No.	Qty	Weight
BAG36	Roll of 100	10 Micron





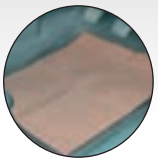
Nylon Seat Cover

Reusable.

Part No.	Qty	Description
BAG40	1	Nylon Seat Cover

Steering Wheel Covers

Part No.	Pack of	Description
BAG31	250	Steering Wheel Covers



Paper Floor Mats

Dimensions: 510 x 360 mm.
Approx. Weight: 90g.

Part No.	Pack of	Description
BAG30	200	Paper Floor Mats

TENG TOOLS Magnetic Protective Wing Cover

Heavy duty red PVC front with TENG TOOLS logo, cloth backing and full length magnetic strip.

Part No.	Qty	Dimensions
TFC01	1	40 x 107 cm

5-in-1 Disposable Vehicle Interior Protection Set

Ideal for use by valeters and in garages to protect customer's vehicle interior whilst performing an M.o.T, service or general valet.

Part No.	Qty	Description
BAG51	100 Kits	5-in-1 Protection Kits

Kit includes: 1 x Disposable car seat cover, 1 x Disposable elasticated steering wheel cover, 1 x Disposable paper floor mat, 1 x Disposable gear stick cover, 1 x Disposable hand brake cover

S·A·S Leak Detector

For detecting leaks in pneumatic systems and compression lock fittings.

- **Suitable for use with air con systems.**
- **Safe for use during engine operation.**
- **Meets the requirements of BS EN14291:2004 - LPG Safe.**
- **Non-flammable water based fluid.**
- **Suitable for Nitrogen gas NOT suitable for Oxysetaline.**
- **Suitable for MOT.**
- **Silicone FREE formula.**

Part No.	Pack of	Size
SAS53	6	400ml Aerosols

AUTOSOL Metal Polish

Award winning metal polish, perfect for use on chrome, aluminium, stainless steel, brass and copper.

- **Cleans, polishes and protects**
- **Leaves an invisable wax coating to ensure a long-lasting shine**

Part No.	Qty	Size
VC131	12	100g Tubes
VC132	1	750ml Tin

S·A·S Assorted Pack - Cleaning Aerosols 500ml

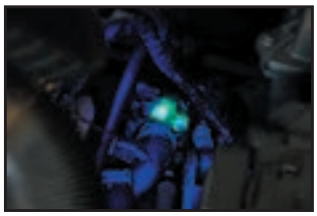
A selection of popular cleaning aerosols, plus the No. 1 selling Universal Maintenance Lubricant which can be used for a wide range of everyday cleaning applications.

Part No.	Qty
SASC	Set of 6

6 x 500ml Aerosols: Brake Cleaner, Throttle Body Cleaner, Electrical Cleaner, Label & Gum Remover, Leak Detector, Universal Maintenance Lubricant.

RING UV Dye Range

Find leaks quickly and easily. Safe to leave in any system.

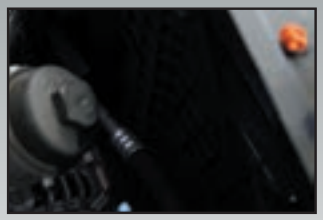


RING UV Dye for Automotive Oils & Fuels

Detect engine oils (mineral and synthetic), hydraulic oil, and petrol/diesel fluid leaks.

- **25ml Bottle suits: 10L Hydraulic Fluid, 3-4L Diesel Engine Oil, 8-10L Petrol Engine Oil and 15L Petrol/Diesel**

Part No.	Qty	Dose Size
ERLD4	1	25ml Bottle



RING UV Dye for Coolant Systems

Add to coolant systems to detect leaks in water pipes and radiators.

- **Safe to leave in any system**

Part No.	Qty	Dose Size
ERLD2	1	25ml Bottle

RING UV Dye for Air Con/Refrigerant Systems

Inject into the A/C system and detect any refrigerant leaks from the system*.
(*Engineers conducting A/C tests MUST be F-Gas registered).

- **5ml Bottle suits: 250ml of Refrigerant**

Part No.	Qty	Dose Size
ERLD1	1	5ml Bottle

S·A·S Brake Cleaner

Cleans brake and clutch parts without dismantling.

- **Removes brake fluid, oil, dust, etc.**
- **Helps maximise brake efficiency.**
- **Prevents objectionable dust escaping into working environment.**
- **Acetone FREE Formula - Safe to use in most Solvent Sprayers.**

Part No.	QTY	Description
SAS81A	1	1 Litre Bottle
SAS81	12	1 Litre Bottles
SAS52	4	5 Litre Containers *
SAS2000T	1	5 Litre Dispenser Tap
SAS62	1	25 Litre Drum - Side Tap Facility *
SAS62T	1	Drum Tap Suits Part No. SAS62

* Limited availability due to transport regulations

Syphon Pumps

Flexible hose. 2" BSP.

- **Suitable for dispensing light oils and non-aggressive chemicals.**

Part No.	Qty	Suitable for
CAN25	1	25 Litre Drums
CAN60	1	60 - 205 Litre Drums

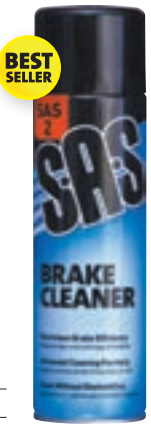
Lever Operated Barrel Pump

Supplied with a 2" BSP and Tri-sure adaptor.
Includes telescopic riser tube and 2 metre hose.
Polypropylene body. Viton seals.
500cc flow rate (per stroke). Size: 1 m x 260 mm.
NOT suitable for products containing Toluene.

Suitable for use with:

- **Water based liquids**
- **Solvents**
- **Screenwash**
- **AdBlue® Solution**
- **Thinners**
- **Antifreeze**
- **Light oils**

Part No.	Qty	Suitable for
CAN50	1	50 - 205 Litre Drums

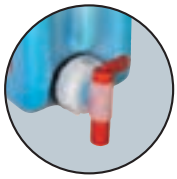


S·A·S Brake Cleaner

Cleans brake and clutch parts without dismantling.

- **Removes brake fluid, oil, dust, etc.**
- **Helps maximise brake efficiency.**
- **Prevents objectionable dust escaping into working environment.**
- **Silicone FREE formula.**

Part No.	Pack of	Size
SAS2	6	500ml Aerosols



S·A·S Citrus Fragrance All Purpose Cleaner

Supplied in a stackable UN container.
Soiling dilution ratio: Very heavy use neat, Heavy 10:1, Medium 50:1, Light 100:1.

- **Non Harmful Formulation - Safe to use on virtually any substrate, cleans all hard surfaces including floors, walls, desks & washrooms**
- **Alloy Wheel Safe Formula - Perfect for cleaning vehicles inside and out, including highly polished and anodized aluminium alloy wheels**
- **Alcohol FREE formula**

Part No.	Qty	Size
SAS2010	1	5 Litre Container
SAS2000T	1	5 Litre Dispenser Tap

Solvent Pressure Sprayers

Polyamid pump with FKM seals.
Polyethylene container.

Part No.	Qty	Capacity
CAN12	1	1 Litre
CAN15	1	1.5 Litre

Funnels + Sprayers

Our complete range of liquid handling products starts on Page 372

S·A·S Electrical/Contact Cleaner

Removes oil, tar, grease and helps remove carbon residues.

- **Improves conductivity and helps prevent arcing and electrical breakdown.**
- **For all heavy duty electrical components, e.g. Switch gear, motors, relays.**
- **Silicone FREE formula.**

Part No.	Pack of	Size
SAS10	6	500ml Aerosols

S·A·S Paint & Gasket Remover

- **Removes work gaskets from rocker box covers, water pumps, manifolds etc.**
- **Removes paints, varnishes and lacquers, prior to refinishing.**
- **Removes rubber residues from wheel hubs prior to fitting new or repaired tyres.**
- **Removes charred oil residues from engine components.**
- **Silicone FREE formula.**

Part No.	Pack of	Size
SAS5	6	500ml Aerosols

AMBERSIL 'Amberklene FE10' Fast Drying Solvent

A powerful, fast evaporating solvent cleaner and de-greaser. Ideal for removing grease from bearing housings and gear teeth. Removes copper paste from threaded fasteners. Can also be used for stain removal.

- **Silicone FREE.**
- **Powerful flushing action, rapidly removes contaminants.**
- **Safe for use on ferrous and non-ferrous metals and most plastics.**
- **Meets military specification NATO catalogue No. 6850-99-6636478.**

Part No.	Qty	Size
AMB100	1	400ml Aerosol

S·A·S Tar & Gum Remover

Supplied in a stackable UN container.

- **Extremely Strong Formula - Instantly dissolves tar & gum on paintwork & plastics**
- **Multi-Purpose Application - Can also be used to remove oil, grease, fuel stains, wax, silicone & adhesive residue**

Part No.	Qty	Size
SAS2058	1	5 Litre Container

S·A·S Label Remover

A versatile solvent cleaner with a fast acting universal formula.

- **Removes Sticker Glue, Masking Tape, Clear Adhesive Tape and Tar.**
- **Silicone FREE formula.**

Part No.	Pack of	Size
SAS58	6	500ml Aerosols

S·A·S Throttle Body Cleaner

For all types of carburettors and fuel injection systems. No effect on catalytic converters or lambda sensors.

- **Removes tars and gum build up.**
- **Improves performance and economy.**
- **Silicone FREE formula.**

Part No.	Pack of	Size
SAS4	6	500ml Aerosols

S·A·S Leak Detector

For detecting leaks in pneumatic systems and compression lock fittings.

- **Suitable for use with air con systems.**
- **Safe for use during engine operation.**
- **Meets the requirements of BS EN14291:2004 - LPG Safe.**
- **Non-flammable water based fluid.**
- **Suitable for Nitrogen gas NOT suitable for Oxysetaline.**
- **Suitable for MOT.**
- **Silicone FREE formula.**

Part No.	Pack of	Size
SAS53	6	400ml Aerosols

S·A·S Heavy Duty Surface Degreaser

Suitable for use in power wash and hand pump wash dispensers. Can also be used for hand application.

- **Suitable for use on engines and chassis.**
- **Water-based and non-flammable - Suitable for petrol station forecourts.**
- **Economical formula - can be diluted**
- **Silicone FREE formula.**

Part No.	Qty	Size
SAS1059	1	5 Litre Container

Grease Nipples Straight - Imperial

Part No.	Pack of	Size	Type
GN1	50	1/8" BSP Gas	H1
GN3	50	1/4" UNF	H1
GN5	25	1/4" BSP	H1

Grease Nipples Straight - Metric

Part No.	Pack of	Size x Pitch	Type
GN7	25	M6 x 1.00 mm	H1
GN9	25	M8 x 1.00 mm	H1
GN11	25	M8 x 1.25 mm	H1
GN13	25	M10 x 1.00 mm	H1

Grease Nipples Angled 45° - Imperial

Part No.	Pack of	Size	Type
GN2	50	1/8" BSP Gas	H2
GN4	50	1/4" UNF	H2
GN6	25	1/4" BSP	H2

Grease Nipples Angled 45° - Metric

Part No.	Pack of	Size x Pitch	Type
GN8	25	M6 x 1.00 mm	H2
GN10	25	M8 x 1.00 mm	H2
GN12	25	M8 x 1.25 mm	H2
GN14	25	M10 x 1.00 mm	H2

Grease Nipples Angled 90° - Imperial

Part No.	Pack of	Size	Type
GN35	25	1/8" BSP Gas	H3
GN36	25	1/4" UNF	H3
GN37	25	1/4" BSP	H3

Grease Nipples Angled 90° - Metric

Part No.	Pack of	Size x Pitch	Type
GN31	25	M6 x 1.00 mm	H3
GN32	25	M8 x 1.00 mm	H3
GN33	25	M8 x 1.25 mm	H3
GN34	25	M10 x 1.00 mm	H3

Grease Nipples

Straight long.

Part No.	Pack of	Size	Type
GN15	25	1/4" UNF	H1

Grease Nipples - Button Head (Tat Type)

Straight. 15 mm Hex.

Part No.	Pack of	Size	Type
GN16	25	1/8" BSP Gas	T1B

Slide-on Connectors

1/8" BSP Gas.
Suits GN16 (for Button Head Nipple).

Part No.	Pack of	Description
GN17	2	Slide-on Connectors

UMETA 4-Jaw Hydraulic Connectors - Standard Type

1/8" BSP Gas.

Part No.	Pack of	Description
GN19	5	Standard Type

4-Jaw Hydraulic Connectors - General Purpose

1/8" BSP Gas.

Part No.	Pack of	Type
GN191	10	General Purpose

4-Jaw Hydraulic Connectors - Heavy Duty

1/8" BSP Gas.

Part No.	Pack of	Type
GN192	3	Heavy Duty

Flexible Rubber Hose - Snap-on Flexible Extension

1/8" BSP Gas. Complete with 4-jaw hydraulic connector.

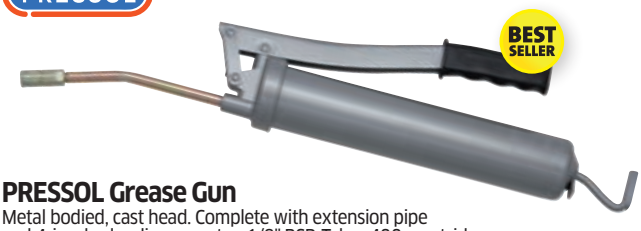
Part No.	Qty	Length	
GN22	1	300 mm	(12")

Flexible Rubber Hose

1/8" BSP Gas.

Part No.	Qty	Length	
GN20	1	300 mm	(12")
GN23	1	450 mm	(18")

PRESSOL



PRESSOL Grease Gun

Metal bodied, cast head. Complete with extension pipe and 4-jaw hydraulic connector. 1/8" BSP. Takes 400g cartridge.

- **1.2 cc/stroke.**
- **Withstands pressure up to 5,800 PSI.**

Part No.	Qty	Description
TL895	1	Grease Gun

Grease Gun

Metal bodied. Complete with extension pipe and 4-jaw hydraulic connector. 1/8" BSP. Takes 400g cartridge.

- **1.5 cc/stroke.**
- **Withstands pressure up to 11,600 PSI.**

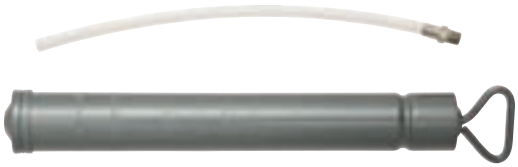
Part No.	Qty	Description
TL922A	1	Grease Gun

Grease Gun

Metal bodied. Complete with extension pipe and 4-jaw hydraulic connector. 1/8" BSP. Takes 400g cartridge.

- **1.3 cc/stroke.**
- **Withstands pressure up to 8,000 PSI.**

Part No.	Qty	Description
TL899	1	Grease Gun



Oil Suction Guns

Supplied with 400 mm hose.

Part No.	Qty	Capacity
CAN16	1	500 cc
CAN11	1	800 cc
CAN18	1	1000 cc

Air Operated Grease Gun

Complete with extension pipe and 4-jaw hydraulic connector.
Takes 400g cartridge or bulk feed.

Part No.	Qty	Description
TL920	1	Grease Gun

Grease Pump Unit

For 12.5 kg keg.
Complete with follower plate. 1.5 m hose.

Part No.	Qty	Description
GN52	1	Grease Pump Unit

Lever Action Hand Pump

Adjustable to suit up to 250 litres (55 gallon) drums.
2" BSP female outlet for oil and other non-corrosive fluids.
Output in excess of 250 cc/stroke.
(NOT suitable for Anti-freeze).

Part No.	Qty	Description
GN51	1	Hand Pump

FUCHS RENOLIT EP2 Multi-Purpose EP Lithium Grease

Part No.	Qty	Size	Colour
VC181A	3	400g Cartridges	Brown
VC181	12	400g Cartridges	Brown
VC171	6	500g Tubs	Brown
VC182N	1	12.5 kg Tin	Brown

FUCHS RENOLIT LX-EP2 Lithium Complex Grease

Longer life at high temperature.
Temperature range: -30˚C to +160˚C.

Part No.	Box of	Size	Colour
VC180	12	400g Cartridges	Natural

FUCHS RENOLIT Copper Paste

High temperature anti-seize lubricant.
Temperature range -30˚C to 1100˚C.

Part No.	Qty	Size
VC187	1	500g Tub

FUCHS RENOLIT G51 Red Rubber Grease

Suitable for natural and synthetic rubbers. A special rubber compatible grease for use on hydraulic brake and clutch components where hardening or swelling of rubber must be avoided. Designed to assist in the assembly of rubber components of brake, clutch and suspension units.

Part No.	Qty	Size
VC188	1	500g Tub

FUCHS RENOLIT GP3 Lithium Grease

Multipurpose with anti-wear and anti corrosion properties.
Temperature range: -30˚C to +120˚C.

Part No.	Qty	Size
VC179	12	400g Cartridges

FUCHS RENOLIT MO2 Lithium Grease (CV Joint Grease)

Molybdenum Disulphide EP Grease with Graphite.
Temperature range: -25˚C to 120˚C.

Part No.	Box of	Size
VC184	12	400g Cartridges

ARCTIC HAYES Silicone Grease

WRAS approved. Clear paste.
Operating temperature: -50˚C to 200˚C.

- **Resistant to water, ultraviolet rays and oxygen.**
- **WRAS approved food safe and virtually non-toxic.**
- **Resilient and flexible even after completing the curing process.**
- **Resistant to interaction with other chemicals.**
- **An excellent electrical insulator.**

Part No.	Qty	Size
VC189	1	500g Tub

S·A·S Moly Anti-Scuff Paste

Contains 40% micronized Molybdenum Disulphide plus graphite forming soft paste. Load carrying capacity of MoS2 is in excess of 140,000 PSI.

- **Operating temperature: -20˚C to +1000˚C**
- **Ideal for pre-treatment of plain bearings, gears, piston rings, cams and valve stems. Small mechanisms which cannot be lubricated with normal grease after assembly. Threaded components in refrigerating and air consystems.**

Part No.	Qty	Size
SAS194	1	500g Tin

S·A·S EP2 Lithium Grease

High quality lithium grease.

- Temperature range: -20°C to +140°C
- Excellent extreme pressure and anti-wear performance
- High degree of corrosion protection
- Highly versatile mutli-purpose grease
- 4-Ball weld load rating: 315 kg

Part No.	Qty	Size	Colour
SAS171	1	500g Tub	Dark Brown
SAS181	12	400g Cartridges	Dark Brown

S·A·S Copper Grease

Anti-seize compound.

- High temperature range: -40°C to +1100°C
- Protects against rust, oxidation and other corrosion

Part No.	Qty	Size
SAS107A	1	500g Tin
SAS107	6	500g Tins
SAS173	1	3 kg Tin

S·A·S EP2 Lithium Complex Grease

Specially developed lithium complex grease.

- Temperature range: -20°C to +150°C
- Exceptional mechanical stability extends relubrication interval
- Long lasting lubrication at high temperatures
- Excellent EP and anti-wear performance
- Good corrosion resistance components operating in wet conditions
- 4-Ball weld load rating: 450 kg

Part No.	Box of	Size	Colour
SAS180	12	400g Cartridges	Dark Brown

S·A·S Copper Grease

Stable up to 275°C as a grease & up to 1200°C as a release agent.

- For high temperature applications: Brake and hand brake linkages, exhaust manifold nuts, studs & parts, wheel nuts
- Can be used on boilers and water heaters, e.g. Inspection flanges and to lubricate moving parts in heat treatment industry
- Silicone FREE formula

Part No.	Pack of	Size
SAS17	6	500ml Aerosols

S·A·S Brake Grease

Copper FREE Bentone anti-seize compound.
Unique locking/dispenser cap for precision application.

- ABS Compatible
- Water resistant
- Protects against scratching and corrosion
- Reduces squeaking
- Wide temperature range

Part No.	Box of	Size
SAS192A	1	75ml Tube
SAS192	10	75ml Tubes

S·A·S Red Rubber Grease

A top quality lubricating grease.

- Temperature range: -40°C to 110°C
- Ideal for use on brake assemblies

Part No.	Qty	Size
SAS188A	1	500g Tin
SAS188	6	500g Tins

S·A·S Ceramic Anti-Seize Compound

Smooth beige paste. Very high purity, metal-free, anti-seize compound and assembly paste.

- Any sub-zero temp to +1500°C
- Prevents electrolytic corrosion as the product insulates differing metals from each other
- Ideal for use on anti-lock braking systems, ASR traction control, all studs, nuts, bolts and other threaded connections. Heating systems (boilers, furnaces, turbines, burner nozzles, etc.).

Part No.	Qty	Size
SAS193	1	500g Tub

S·A·S Aluminium Anti-Seize Compound

Copper FREE anti-seize compound.

- High temperature range: Any sub-zero temp to +1100°C
- Use on all studs, nuts, bolts and other threaded connections
- Invaluable for application to any component that needs to be dismantled

Part No.	Qty	Size
SAS190A	1	500g Tin
SAS190	6	500g Tins

FUCHS 'Renolin' ZAF 46 HV High Quality Hydraulic & Lubricating Oil

High viscosity index, zinc and ash free hydraulic oil.

- **Ideal for powering hydraulic systems working in refrigerated plant, mobile equipment, or where the system demands a fluid capable of working over a wide temperature range.**

Part No.	Qty	Size
VC117	1	20 Litres

FUCHS 'Agrifarm' Universal 2-stroke Oil

Specifications: API, TC, JASO, FB. Suitable for use in all 2-stroke engines. May be used either as a tank mix or in oil injection systems. Dyed red for ease of identification.

- **Ideal for agricultural and horticultural machinery, chain saws, hedge cutters, strimmers, portable generators, etc.**

Part No.	Qty	Size
VC116	1	20 Litres

FUCHS 'Titan Truck Plus' 15W-40 Oil

Specifications: ACEA E7, API CI-4/SL, GLOBAL DHD-1, CAT ECF-1-a/ECF-2. A super long term all season engine oil of the SHPD category for diesel and gasoline engines with and without turbo charging in passenger cars, trucks, buses and industrial equipment

- **Excellent wear protection even under high continuous stress**
- **Protection from corrosion even when used with diesel fuels with high sulphur content**

Part No.	Qty	Size
VC115A	1	5 Litres
VC115	1	20 Litres

ROCK OIL ISO-32 Hydraulic Oil

Meets DIN 51525 and DIN 51524 Parts 1 & 2.

- **Excellent protection of machinery and systems against corrosion and wear.**

*** NOT to be used as Brake Fluid.**

Part No.	Qty	Size
VC199	1	20 Litres

CreteBeater® 'Civil Engineering' Heavy Duty Concrete Remover

100% biodegradable and designed to safely remove cement and concrete by dissolving it in a bio-safe way. Does not contain muriatic, phosphoric or citric acids and is therefore, non-corrosive.

Safe to use on:

- **Painted surfaces/vehicles**
- **Glass/Windows**
- **Human Handling**
- **Aluminium**
- **Rubber/Tyres/Hoses**

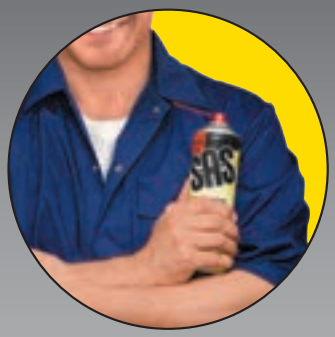
Part No.	Qty	Pack Size
CB20	1	20 Litre Container

ALTA Foam Pressure Sprayer

Contains FPM VITON® (FKM) seals. Supplied with 3 x interchangeable nozzles to adjust the foam thickness. Suitable for use with S·A·S Snow Foam (Part No. SAS2017.

- **High foaming action spray**
- **Lance with 120 cm long hose**

Part No.	Qty	Working Capacity
CAN28	1	6.0 Litre



MAINTAINING AUTOMOTIVE & ENGINEERING PROFESSIONALS FOR OVER 35 YEARS

S·A·S has been the Universal Maintenance Lubricant of choice for automotive and engineering professionals for over 35 years. The formula that you've come to trust continues to deliver outstanding performance across countless applications in all industrial environments.

The 500 ml aerosol contains a 360° valve which means it can be sprayed at any angle, even upside down, making it the ideal maintenance lubricant for a vast range of projects.

S·A·S Universal Maintenance Lubricant

Bulk liquid for use with dispensers

- Penetrates & lubricates.
- Cleans & degreases.
- Protects all metals.
- Contains PTFE.
- Frees seized parts fast!
- Inhibits rust & corrosion.
- Displaces moisture.
- Silicone FREE formula.

Part No.	Qty	Size
SAS22A	1	5 Litre Container
SAS22	4	5 Litre Container
SAS23	4	500ml Trigger Sprayers

S·A·S Universal Maintenance Lubricant

Advanced formula with rust inhibitors and moisture displacers.

- Penetrates & lubricates.
- Cleans & degreases.
- Protects all metals.
- Contains PTFE.
- Frees seized parts fast!
- Inhibits rust & corrosion.
- Displaces moisture.
- Silicone FREE formula.

Part No.	Pack of	Size
SAS6	12	200ml Aerosols
SAS20	12	500ml Aerosols with 360° Valve

With the Smart Straw applicator - great for reaching tight spaces and thanks to the Spray2Ways technology you can simply flip the Smart Straw down against the can and the wide spray nozzle is still at your disposal should you need greater coverage.

WD-40 Multi-Purpose Lubricant

WD-40 protects metal from rust and corrosion, penetrates stuck or jammed parts, displaces moisture, and lubricates just about anything. WD-40 is also great when it comes to cleaning grease, grime, and other marks from most surfaces.

- Smart Straw Technology
- Spray2Ways Technology

Part No.	Pack of	Size
VC140	12	450ml Aerosols

S·A·S Extreme Universal Maintenance Lubricant

Meets the requirements of MoD specification 68-10 [PX-24] and NATO C-634 for water-displacing corrosion preventatives.

- Improved corrosion protection vs standard multi-purpose lubricants
- High concentration of water displacement additives means it can be applied directly to wet surfaces
- Virtually colourless & transparent
- Excellent lubrication properties
- Silicone FREE formula

Part No.	Qty	Size
SAS21A	1	500ml Aerosol
SAS21	6	500ml Aerosols

SAS

S·A·S Universal Maintenance Lubricant

Advanced formula with rust inhibitors and moisture displacers.

- Penetrates & lubricates.
- Cleans & degreases.
- Protects all metals.
- Contains PTFE.
- Frees seized parts fast!
- Inhibits rust & corrosion.
- Displaces moisture.
- Silicone FREE formula.

Part No.	Pack of	Size
SAS20	12	500ml Aerosols with 360° Valve

SAS

S·A·S Extreme Universal Maintenance Lubricant

Meets the requirements of MoD specification 68-10 [PX-24] and NATO C-634 for water-displacing corrosion preventatives.

- Improved corrosion protection vs standard multi-purpose lubricants
- High concentration of water displacement additives means it can be applied directly to wet surfaces
- Virtually colourless & transparent
- Excellent lubrication properties
- Silicone FREE formula

Part No.	Qty	Size
SAS21A	1	500ml Aerosol
SAS21	6	500ml Aerosols

WD-40

With the Smart Straw applicator - great for reaching tight spaces and thanks to the Spray2Ways technology you can simply flip the Smart Straw down against the can and the wide spray nozzle is still at your disposal should you need greater coverage.

WD-40 Multi-Purpose Lubricant

WD-40 protects metal from rust and corrosion, penetrates stuck or jammed parts, displaces moisture, and lubricates just about anything. WD-40 is also great when it comes to cleaning grease, grime, and other marks from most surfaces.

- Smart Straw Technology
- Spray2Ways Technology

Part No.	Pack of	Size
VC140	12	450ml Aerosols

Swarfega

SWARFEGA 'Duck Oil'

A silicone-free, non-conductive, multi-purpose service spray. Exceptionally low surface tension means it can easily penetrate and protect with no need to dismantle machinery and parts.

Part No.	Qty	Size
DEB20	1	5 Litre Tin

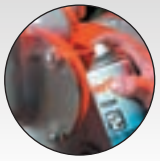
Ambersil

AMBERSIL 'PX24' Industrial Strength Protective Lubricant

Formulated specifically to meet exacting standards of Military maintenance personnel. A multi-purpose lubricant, corrosion inhibitor, dewatering & protective fluid. No adverse effects on rubber, paintwork or plastics and acrylic sheet polyester, glass fibre laminate, vinyl sheet and ebonite after immersion for 240 hours.

- Meets with NATO military specifications.
- Water Displacement: Complete Displacement of NaCl test solution (IP 178).
- Corrosion Protection: Pass/No Corrosion (IP 178).
- Temperature range: -20°C to +115°C.

Part No.	Qty	Size
AMB110	1	400ml Aerosol



SAS

S·A·S Freeze Release Spray

Shock freeze and release of seized and corroded parts.

- Quick release of seized parts.
- Prevents corrosion.
- 2-in-1 Maintenance lubricant spray.
- Silicone FREE formula.

Part No.	Qty	Size
SAS147	6	500ml Aerosols

Ambersil

AMBERSIL 'Dry Moly' Dry Molybdenum Disulphide Lubricant

A resin bonded, high pressure resistant, dry film lubricant containing Molybdenum Disulphide (MoS2) for metal-to-metal lubrication where a wet film cannot be tolerated. Once applied, the MoS2 lubricant prevents seizing, fretting, scuffing & reduces friction.

- Tough and long lasting
- Repels water
- Will not attract dust, dirt and contaminants
- Assists assembly and running-in
- Highly effective in high-load applications
- Performance can be enhanced by polishing the dry film with a soft, dry cloth
- Operational temperature range: -150°C to +400°C

Part No.	Qty	Size
AMB111	1	400ml Aerosol

BEST SELLER

BRADEX Easy Start

Starts all engines. Suitable for diesel, petrol and paraffin engines.

Part No.	Pack of	Size
VC145	12	300ml Aerosols

S·A·S Graphited Penetration Oil

Rapidly and efficiently loosens and frees seized nuts, bolts and hinges.

- **Spray gives a grey low viscosity highly penetrating liquid.**
- **Incorporates a residual lubricant to help reduce friction during dismantling.**
- **Leaves a film to protect against further corrosion.**
- **Silicone FREE formula.**

Part No.	Pack of	Size
SAS1	6	500ml Aerosols

S·A·S Food Safe Lube

For food preparation and food packing machinery.
For use on chain sprockets, slides or any moving part.
Water resistant, suitable for wet pack operations.

- **Based on edible Soya bean oil.**
- **Nut and nut oil FREE.**
- **Taint FREE formula.**
- **Temperature range: -10 to 100°C.**
- **Silicone FREE formula.**

Part No.	Pack of	Size
SAS12	6	500ml Aerosols

S·A·S Clear Fine Oil

For use in difficult places where lubrication is normally carried out with conventional oil can.

- **Gives economical application on types of machinery, small lightly loaded bearings, etc.**
- **Silicone FREE formula.**

Part No.	Pack of	Size
SAS56	6	500ml Aerosols

S·A·S Chain and Cable Lube

For heavyweight drive chains, e.g. Fork-lift truck masts, motor cycle chains.

- **Silicone FREE**
- **Penetrating, anti-fling formula.**
- **Rubber grommet friendly.**

Part No.	Pack of	Size
SAS14	6	500ml Aerosols

S·A·S White Grease

Universal grease with almost limitless applications, e.g. Locks, hinges and striker plates. Suitable for clean area applications.

- **Anti water wash-out properties**
- **Provides visual check where used**
- **Anti-corrosive**
- **Silicone FREE formula.**

Part No.	Pack of	Size
SAS7	6	500ml Aerosols

S·A·S Heavy Duty Open Gear Lube

Designed specifically for exposed gears, wire ropes, heavy duty chains and other moving parts.

- **Ideal for exterior use – provides extra protection against rust, corrosion and wear vs standard chain and cable lube**
- **Maximises the service life of wire rope**
- **Excellent resistance to salt water environment**
- **Contains bitumen for improved durability & corrosion protection**
- **Rapid penetration into wire ropes, gears and link**
- **Excellent de-watering properties**
- **Viscosity modifiers prevent throw off ensuring long working life**
- **Low tack when dry helps reduce dirt build-up**
- **Silicone FREE formula.**

Part No.	Qty	Size
SAS33A	1	500ml Aerosol
SAS33	6	500ml Aerosols

S·A·S Clear Grease

For use on areas requiring a tenacious lubricant, whilst retaining a good cosmetic appearance, e.g. Car door locks.

- **Silicone FREE**
- **Does NOT contain PTFE**

Part No.	Pack of	Size
SAS18	6	500ml Aerosols

S·A·S Cutting Oil

For all metal types.

- **Improves lubrication/cooling.**
- **Retains viscosity at high cutting temperatures.**
- **Prevents tarnishing.**
- **Extends tool life.**
- **Silicone FREE formula.**

Part No.	Pack of	Size
SAS46	6	500ml Aerosols

S·A·S Silicone Spray

BEST SELLER

For use on curtain slider tracks, folding bus and train doors, coin operated machines, etc. Use as a mould release and for easing slip-fitting parts assembly. Use on surfaces where heat is present, e.g. heat sealing machines. Imparts waterproofing qualities to fabrics, e.g. tarpaulins, industrial outdoor clothing.

- **Stable to 275°C**
- **Lowers friction & prevents sticking**
- **Low stain formula**
- **Zero effect on plastics**
- **Contains Silicone**
- **NOT food safe**

Part No.	Pack of	Size
SAS8	6	500ml Aerosols

S·A·S Weld Anti-Spatter

Water Based

- **Provides a protective oily film for use in welding**
- **Silicone FREE formula.**

Part No.	Pack of	Size
SAS9	6	400ml Aerosols

S·A·S Silicone Grease

BEST SELLER

Lubricating grease which provides corrosion resistance to metallic surfaces.

- **Moisture repelling**
- **Excellent insulating properties for electronic control and switchgear in exterior applications**
- **Contains Silicone**

Part No.	Pack of	Size
SAS19	6	500ml Aerosols

S·A·S Assorted Pack - Lubricant Aerosols 500ml

A selection of our fastest moving lubricant aerosols, including the No. 1 selling Universal Maintenance Lubricant used for a multitude of lubricating and maintenance applications.

Part No.	Qty
SASL	Set of 6

6 x 500ml Aerosols: White Grease with PTFE, Clear Grease, Silicone Spray, Chain & Cable Lube, Copper Grease, Universal Maintenance Lubricant.

S·A·S Rubber Care

Maintains rubber seals on doors, bonnets, tailgates, etc. Can be used on tyres, rubber mats and rubber trim strips.

- **Reduces the effect of spray and salt water**
- **Reduces the effects of diluted acids and alkalines**
- **Prevents rubber parts ageing and cracking and eliminates squealing noises from dry rubber**
- **Silicone FREE formula**

Part No.	Pack of	Size
SAS57	6	500ml Aerosols

S·A·S Battery Terminal Protector

BEST SELLER

Suitable for use on batteries and earthing straps in cars, buses, trains and plant hire equipment.

- **Protects against corrosion**
- **Improves electrical continuity thus improving starting**
- **Contains an indicator to visualise acid leaks (turns red)**
- **Waterproofs terminals**
- **Silicone FREE formula**

Part No.	Pack of	Size
SAS3	6	500ml Aerosols

Looking for Wire Brushes?

Our complete range wire brushes are available from Page 418

Granville

GRANVILLE Rust Cure Convertor

A co-polymer latex combined with organic chelating agents designed for application to corroded ferrous substrates. It actively converts the rust present on the substrate into a stable organic iron complex. As the polymer dries it forms an impermeable barrier to oxygen and moisture effectively sealing out any further corrosion. Contact with aliphatic or aromatic solvents will cause softening of the film which will recover.

- **Water based formulation**
- **Extremely low order of toxicity**
- **Does not contain phosphoric acid or lead**
- **Excellent resistance to acid and alkali splashes**

Part No.	Qty	Size
VC161	1	1L Bottle

jenolite

BEST SELLER

JENOLITE 'The Original' Rust Remover - Liquid

A free-flowing liquid rust removal product that can be applied by spray, brush or immersion. Ideal for box sections, tubular components and articles with tight recessed areas.

- **Easy to apply - No need to rinse off, simply wipe the surface after application**
- **Rust will disappear to leave a stable surface ready for priming and painting**

Part No.	Qty	Size
VC235	1	500ml Bottle

Granville

GRANVILLE Rust Repair Gel

A highly effective non drip rust neutraliser and inhibitor based on organic and inorganic acids. It is suitable for treating all ferrous surfaces and will quickly remove and neutralise rust.

- **Non drip formuation - Ideal for horizontal and hard to reach areas**
- **Easy to apply**
- **Effectively treats rust**
- **Over paintable**
- **Fast acting gel formulation**

Part No.	Qty	Size
VC162	1	150g Bottle

jenolite

JENOLITE 'The Original' Rust Remover - Gel

A concentrated non-drip gel handy for treating small areas of rust or corrosion on cars, bikes, household appliances and gardening equipment. You can also use it to clean rust spots off chrome plating prior to lacquering or polishing.

- **Easy to apply - No need to rinse off, simply wipe the surface after application**
- **Rust will disappear to leave a stable surface ready for priming and painting**
- **Ideal for small rust spots**

Part No.	Qty	Size
VC234	1	40g Tube

Granville

GRANVILLE Rust Repair Liquid

A highly effective rust neutraliser and inhibitor based on organic and inorganic acids. It is suitable for treating all ferrous surfaces and will quickly remove and neutralise rust.

- **Easy to apply**
- **Effectively treats rust**
- **Over paintable**
- **Fast acting liquid formulation**

Part No.	Qty	Size
VC163	1	500ml Bottle

SAS

S·A·S Ultimate Rust Protector

High melt point of 100-120°C makes it ideal for elevated temperature applications / environments.

- **Ideal for protecting metallic surfaces and inner panels from corrosion e.g. underbody, sills, cracks etc.**
- **Stops rust and helps prevent future corrosion forming**
- **Self healing – minor damage to the coating will reflow over time**
- **Excellent salt spray and humidity resistance**
- **Unlike resin / paint products it will not peel or chip**
- **Silicone FREE formula.**

Part No.	Qty	Size
SAS63A	1	500ml Aerosol
SAS63	6	500ml Aerosols

LOCTITE

LOCTITE '7505' Rust Remedy

Fast drying latex coating that is applied to rusted metal to stop rust, protect the surface and act as a primer for the finish coat.

Part No.	Qty	Size
VC955	1	100ml Bottle

S·A·S Bright Alu Zinc Galv Spray

Zinc & Aluminium based coating.

- **60% metal content in the dried paint film**
- **Ideal for the bright cosmetic finish and protection of previously galvanised surfaces**
- **Excellent corrosion resistance**
- **Self priming – one step process**
- **Ideal for spot repairs after welding**
- **Weld-through**
- **Excellent adhesion to metallic surfaces**

Part No.	Qty	Size
SAS68A	1	500ml Aerosol
SAS68	6	500ml Aerosols

AMBERSIL 'Cold Galvanise' Zinc-Rich Protective Coating

A zinc rich acrylic coating that offers excellent Cathodic anti-corrosion protection to steel fabrications and all exposed ferrous metalwork. Suitable as a primer, can be over coated with acrylic, cellulose, alkyd, polyurethane-alkyd & epoxy paints.

- **Protects metalwork & steels from corrosion.**
- **Can be welded through.**
- **For use on bare non-rusted steel & seams.**
- **Zinc 99% pure, content 88% cured film.**
- **Suitable for use as renovation media as specified in BS EN ISO 1461:1999.**
- **Matt, dark grey, weathered appearance.**
- **Fast drying & Xylene free.**

Part No.	Qty	Size
AMB120	1	400ml Aerosol

S·A·S Zinc Spray

Use as a primer coat which can be over painted with acrylic, cellulose, alkyd, polyurethane alkyd and epoxy. Use as a coating on pipes and steel fabrications.

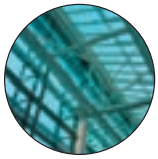
- **66% zinc content (in dry film).**
- **Thin film (e.g. Single coat) can be welded through.**

Part No.	Pack of	Size
SAS24	6	500ml Aerosols

AMBERSIL 'Alu Hi Temp' High Temperature Corrosion Protection

Corrosion protection for high temperature applications based on aluminium pigments. Builds a glossy, hard film on metal surfaces after exposure to high temperatures (+1 hour at 200°C) and is not eroded over time. For use on ferrous metals subjected to continuous high temperatures.

- **Dry to touch in 15 minutes.**
- **Lead and Chromate free.**
- **Continuous protection up to 600°C.**
- **Passes ASTM D-2485 1-68: Methods 2 & 3.**



Part No.	Qty	Size
AMB121	1	400ml Aerosol

S·A·S Primer Adhesion Promoter

Clear primer for difficult plastic substrates.

- **Excellent adhesion to PP / PP composites, TPO (Thermoplastic Olefin), rigid vinyl and SMC (glass fibre reinforced polyester) and fibreglass**
- **Also improves paint adhesion to galvanised steel, non-ferrous metals (aluminium) and wood**
- **Reduces the need to pre-abrade surfaces before painting**
- **No sanding required post application**
- **Very low film build, virtually invisible**
- **Quick drying**

Part No.	Qty	Size
SAS65A	1	500ml Aerosol
SAS65	6	500ml Aerosols

VIP 'Perfect-Fill' High Build Primer

Suitable for plastics and metal.

- **For deep filling and fast priming of surface defects.**

Part No.	Qty	Colour	Size
VIP45G	1	Grey	400ml Aerosol
VIP45DG	1	Dark Grey	400ml Aerosol
VIP45W	1	White	400ml Aerosol

S·A·S Anti Corrosion Graphene Primer

Exceptional corrosion protection 1750+ hours ASTM G-85.
Smooth matt grey finish with excellent sanding properties.

- **Zinc Free formula – Less environmentally hazardous**
- **Excellent barrier properties of Graphene extends coating life**
- **Fast drying – Touch dry in 3-4 mins, sand & top-coat in 20 mins**
- **Excellent adhesion to metallic surfaces – Mild Steel & aluminium**
- **Excellent Flexibility – ASTM D522 Conical Mandrel - No cracking**
- **Excellent anti-sag properties enables high coat depths**
- **Fills minor surface imperfections**
- **Can also be applied to many rigid plastics**

Part No.	Qty	Size
SAS66A	1	500ml Aerosol
SAS66	6	500ml Aerosols

S·A·S 1K Epoxy Primer

Single component epoxy modified primer for improved durability, toughness and corrosion protection. Matt red oxide finish.

- **Contains Zinc Phosphate to further improve anti-corrosive performance**
- **1000+ hours salt spray performance (ASTM B-117)**
- **Excellent adhesion to metallic surfaces - Mild steel & aluminium**
- **Ideal for exterior applications or harsher environments / area prone to corrosion e.g. car chassis**
- **No need to top-coat other than for cosmetic finish**
- **High solids - Free from metals**

Part No.	Qty	Size
SAS67A	1	500ml Aerosol
SAS67	6	500ml Aerosols

S·A·S High Build Etch Primer

High build primer and acid etch in a single product.

- **Twice the paint solids of many conventional primers**
- **Improved adhesion to problematic metallic surfaces e.g. non-ferrous metals (aluminium and its alloys, brass, copper) and zinc coated steel (Zintec)**
- **Excellent anti-sag properties enable high coat depths to be achieved**
- **Fills minor surface imperfections**
- **Smooth matt finish with excellent sanding properties**
- **Can also be applied to many rigid plastics.**

Part No.	Qty	Size
SAS64A	1	500ml Aerosol
SAS64	6	500ml Aerosols

BEST SELLER

S·A·S Primer - Grey

Tough acrylic formula suitable for metal, wood and plastic.

- **Provides a durable base, which can be oversprayed in 24 hours**
- **Can be overpainted with cellulose, acrylic, alkyd, polyurethane alkyd and epoxy**
- **Great results with fewer coats**

Part No.	Pack of	Size
SAS35	6	500ml Aerosols

BEST SELLER

S·A·S Primer - Red Oxide

Tough acrylic formula suitable for metal, wood and plastic.

- **Provides a durable base, which can be oversprayed in 24 hours**
- **Can be overpainted with cellulose, acrylic, alkyd, polyurethane alkyd and epoxy**
- **Great results with fewer coats**

Part No.	Pack of	Size
SAS37	6	500ml Aerosols

S·A·S Primer - White

Tough acrylic formula suitable for metal, wood and plastic.

- **Provides a durable base, which can be oversprayed in 24 hours**
- **Can be overpainted with cellulose, acrylic, alkyd, polyurethane alkyd and epoxy**
- **Great results with fewer coats**

Part No.	Pack of	Size
SAS36	6	500ml Aerosols

Looking for Paints?

Our complete range is available on the next page

S·A·S Black Paint - Matt

Tough acrylic formula paint for interior and exterior use.

- Suitable for use on wood, metal, glass, ceramic, paper, card and most plastics
- Professional fan spray - Adjustable nozzle for different spray patterns
- Excellent adhesion - Avoids sagging

Part No.	Pack of		Size
SAS28	6		500ml Aerosols

S·A·S Red Paint - Post Office Red

Tough acrylic formula paint for interior and exterior use.

- Suitable for use on wood, metal, glass, ceramic, paper, card and most plastics
- Professional fan spray - Adjustable nozzle for different spray patterns
- Excellent adhesion - Avoids sagging

Part No.	Pack of		Size
SAS30	6		500ml Aerosols

S·A·S Black Paint - Satin

Tough acrylic formula paint for interior and exterior use.

- Suitable for use on wood, metal, glass, ceramic, paper, card and most plastics
- Professional fan spray - Adjustable nozzle for different spray patterns
- Excellent adhesion - Avoids saggingr

Part No.	Pack of		Size
SAS25	6		500ml Aerosols

S·A·S White Paint - Gloss

Tough acrylic formula paint for interior and exterior use.

- Suitable for use on wood, metal, glass, ceramic, paper, card and most plastics
- Professional fan spray - Adjustable nozzle for different spray patterns
- Excellent adhesion - Avoids saggingr

Part No.	Pack of		Size
SAS31	6		500ml Aerosols

S·A·S Black Paint - Gloss

Tough acrylic formula paint for interior and exterior use.

- Suitable for use on wood, metal, glass, ceramic, paper, card and most plastics
- Professional fan spray - Adjustable nozzle for different spray patterns
- Excellent adhesion - Avoids sagging

Part No.	Pack of		Size
SAS27	6		500ml Aerosols

S·A·S Silver Paint - Medium

Tough acrylic formula paint for interior and exterior use.

- Suitable for use on wood, metal, glass, ceramic, paper, card and most plastics
- Professional fan spray - Adjustable nozzle for different spray patterns
- Excellent adhesion - Avoids sagging

Part No.	Pack of		Size
SAS29	6		500ml Aerosols

S·A·S Black Paint - VHT (Very High Temperature)

Use on exhausts, manifolds and any surfaces which are subject to high temperatures.

- Fast drying aerosol paint with high covering power.
- Gives a tough durable coating and a matt finish.
- Petrol & oil resistant when cured.
- Withstands temps up to 650°C.

Part No.	Pack of		Size
SAS59	6		500ml Aerosols

HYCOTE Fluorescent Paint

High quality fluorescent safety paint designed for use over white surfaces.

- Greatly improves visibility in poorly illuminated locations

Part No.	Pack of		Colour	Size
VC465	6		Fluorescent Yellow	400 ml Aerosols
VC466	6		Fluorescent Green	400 ml Aerosols

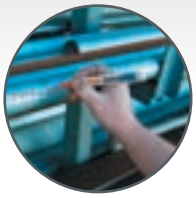
S·A·S Line Marker

A permanent, quick drying and durable acrylic paint. Ideally suited for use with line marking equipment, stencils or for free hand application.

- **Suitable For Use On: Concrete, tarmac, steel, grass and wood**
- **Quick drying, 30-40 minutes will withstand light traffic**
- **Through dry in 24 hours**
- **Areas Of Use: Car parks, road marking, warehouse and walkways, highway maintenance, utility services, sports fields, tennis courts and playgrounds**

Part No.	Qty	Colour	Size
SAS40W	1	White	750ml Aerosol
SAS40Y	1	Yellow	750ml Aerosol
SAS40R	1	Red	750ml Aerosol
SAS40B	1	Blue	750ml Aerosol

AMBERSIL Acrylic Paint Marker Pens



Tenacious resin binds paint to the writing surface almost eliminating the problems associated with accidental rub-off and will not wash off with water/rain.

Part No.	Qty	Colour
AMB130	1	White
AMB131	1	Yellow
AMB132	1	Red
AMB133	1	Black

HYCOTE Paint

Tough acrylic formula for use on all types of metallic and rigid plastics surfaces.

- **Excellent covering power and durability**
- **Resistant to sunlight and colour fade**
- **Excellent adhesion to primed surfaces**

Part No.	Pack of	Colour	Size
VC460	6	Matt Black	400 ml Aerosols
VC461	6	Satin Black	400 ml Aerosols
VC462	6	Gloss Black	400 ml Aerosols
VC463	6	Gloss White	400 ml Aerosols
VC464	6	Aluminium	400 ml Aerosols

HYCOTE Primer

Acrylic.

- **Excellent covering and adhesion to metals and rigid plastics**
- **Provides a tough, durable protective coating**

Part No.	Pack of	Colour	Size
VC450	6	Grey	400 ml Aerosols
VC451	6	White	400 ml Aerosols
VC452	6	Red	400 ml Aerosols

HMG Floor Paint

Gloss finish. Coverage: 10m² per litre.

- **Use on concrete, steel and wooden floors.**
- **Resistant to mild chemicals.**

Part No.	Qty	Colour	Size	VOC Content
VC480	1	Safety Blue	5 Litres	High 25-50%
VC481	1	Safety Red	5 Litres	High 25-50%
VC482	1	Safety Yellow	5 Litres	High 25-50%
VC483	1	Black	5 Litres	High 25-50%
VC484	1	Dark Green	5 Litres	High 25-50%
VC485	1	Dark Grey	5 Litres	High 25-50%
VC486	1	White	5 Litres	High 25-50%
VC487	1	Tile Red	5 Litres	High 25-50%

JOHNSTONE'S TRADE Professional Gloss Paint

VOC 2010 compliant. Solvent based. Suitable for use on steel and metal.

- **Optimum high gloss finish.**

Part No.	Qty	Colour	Size
VC470	1	Black	5 Litres
VC471	1	Post Office Red	5 Litres

Tack Rags

For wiping surfaces prior to painting for a dust-free finish.
Can be folded and refolded.

Part No.	Box of	Description
VC410	10	Tack Rags

4" Paint Roller Frame

Supplied WITHOUT Roller Refill.

Part No.	Qty	Description
PB100	1	4" Roller Frame

4" Paint Roller Refills

Part No.	Pack of	Type
PB101	10	Medium Pile (Emulsion)
PB102	10	Smooth Foam (Gloss)

4" Paint Roller Tray

Part No.	Qty	Description
PB103	1	4" Tray

4" Paint Roller Paint Tray Kit

Part No.	Qty	Description
PB104	1	4" Roller & Paint Tray Kit

Kit contains: 1 x 4" Roller Frame, 4" Paint Tray. 2 x Roller Refills: Medium Pile, Smooth Foam.

Professional 9" x 1 3/4" Ø Paint Roller Frame

Supplied WITHOUT Roller Refill. Suits Part No. PB111.

Part No.	Qty	Description
PB110	1	9" x 1 3/4" Ø Roller Frame

Professional 9" x 1 3/4" Ø Paint Roller Refill

Medium pile. Suits Part No. PB110.

Part No.	Qty	Description
PB111	1	9" x 1 3/4" Ø Roller Refill

9" Paint Roller Tray

Part No.	Qty	Description
PB112	1	9" Tray

General Purpose 9" x 1 1/2" Ø Paint Roller Tray Kit

Suits Part No. PB121

Part No.	Qty	Description
PB120	1	9" x 1 1/2" Ø Roller & Paint Tray Kit

Kit contains: 1 x 9" Roller Frame, 9" Medium Pile Roller Refill & 9" Tray.

General Purpose 9" x 1 1/2" Ø Roller Refills

Suits Part No. PB120

Part No.	Pack of	Check
PB121	3	9" x 1 1/2" Ø Roller Refills

Paint Brushes - Professional Plain Wooden Handles

Part No.	Pack of	Size	
PB48	8	1/2"	(12 mm)
PB51	4	1"	(25 mm)
PB49	3	1 1/2"	(38 mm)
PB52	2	2"	(50 mm)
PB53	1	3"	(75 mm)
PB54	1	4"	(100 mm)

Assorted Pack of Paint Brushes - Plastic Handles

Part No.	Pack of	Description
AP30	4 Pieces	Small Sizes

Sizes: 1/2", 1", 1 1/2", 2".

Assorted Pack of Paint Brushes - Plastic Handles

Part No.	Pack of	Description
AP31	3 Pieces	Large Sizes

Sizes: 2", 3", 4".

Paint Brushes - Budget Type for General Use

Part No.	Pack of	Size
PB1/2N	10	1/2"
PB1N	10	1"
PB11/2N	10	1 1/2"
PB2N	10	2"
PB3N	10	3"
PB4N	6	4"

Assorted Pack of Paint Brushes - Budget Type for General Use

Part No.	Pack of
AP19	10 Pieces

Sizes: 1/2", 1", 1 1/2", 2", 3".

Touch Up Brushes - Short Plain Wooden Handles

Part No.	Pack of	Size
PB62	12	No. 2
PB64	12	No. 4
PB66	12	No. 6
PB68	12	No. 8

Assorted Pack of Touch Up Brushes - Short Plain Wooden Handles

Part No.	Pack of
AP48	10 Pieces

4 x Size No.'s: 2, 4, 6, 8.

Assorted Pack of Touch Up Brushes - Plastic Handles

Part No.	Pack of
AP16	24 Pieces

3 x Size No.'s: 2, 4, 6.

White Spirit

Conforms to BS 245.

- Thins solvent based paints.
- Cleans paint brushes.
- De-greases.

Part No.	Qty	Size
VC760	1	2 Litres

Looking for Masking Tapes

Our complete range of adhesive tapes start on Page 334

Looking for Paint Scrapers

Our complete range of scraping tools and blades can be found on Page 455

S·A·S Assorted Pack - Lubricant Aerosols 500ml

A selection of our fastest moving lubricant aerosols, including the No. 1 selling Universal Maintenance Lubricant used for a multitude of lubricating and maintenance applications.

Part No.	Qty
SASL	Set of 6

6 x 500ml Aerosols: White Grease with PTFE, Clear Grease, Silicone Spray, Chain & Cable Lube, Copper Grease, Universal Maintenance Lubricant.

S·A·S Assorted Pack - Cleaning Aerosols 500ml

A selection of popular cleaning aerosols, plus the No. 1 selling Universal Maintenance Lubricant which can be used for a wide range of everyday cleaning applications.

Part No.	Qty
SASC	Set of 6

6 x 500ml Aerosols: Brake Cleaner, Throttle Body Cleaner, Electrical Cleaner, Label & Gum Remover, Leak Detector, Universal Maintenance Lubricant.

S·A·S Assorted Pack - Valeting Aerosols 500ml

A selection of professional quality valeting aerosols, providing a clean finish for all vehicles. Plus the No.1 selling Universal Maintenance Lubricant, ideal for everyday maintenance applications.

Part No.	Qty
SASV	Set of 6

6 x 500ml Aerosols: Glass Cleaner, Cockpit Spray, Tyre Foam, Multi Purpose Foam Cleaner, Air Duster, Universal Maintenance Lubricant.

S·A·S Assorted Pack - Paint Aerosols 500ml

A selection of top quality paint aerosols, providing a professional finish each and every time. Plus the No. 1 selling Universal Maintenance Lubricant, ideal for everyday maintenance applications.

Part No.	Qty
SASP	Set of 6

6 x 500ml Aerosols: Zinc Spray, Satin Black Paint, Silver Paint, Grey Primer, Red Oxide Primer, Universal Maintenance Lubricant.

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Sealants + Adhesives

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334 Adhesive Tapes
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341 Epoxies
343 Repair Adhesives
346 Instant Gaskets
347 Silicone Sealants
349 MS-Polymer Sealants
349 Pipe Sealants
350 Exhaust Repair

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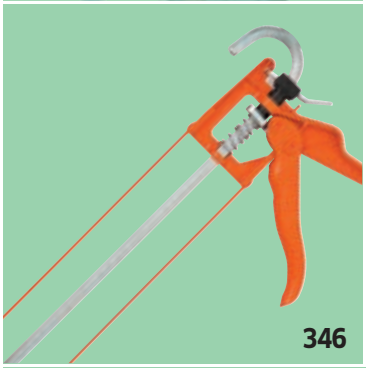
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Masking Tape - General Purpose

For temperatures up to 70°C (158°F).NOT suitable for use in bodyshops.

Part No.	Qty	Width x Length
VC411	36 Rolls	24 mm x 50 m
VC412	24 Rolls	48 mm x 50 m

Masking Tape - High Temperature

Sticks firmly and securely to most surfaces with clean removal.

- **Good performance maintained on bake cycles of 127°C (260°F) for up to 1 hour.**
- **Designed for paint masking in automotive refinishing and industrial sectors.**

Part No.	Qty	Width x Length
MT24	6 Rolls	24 mm x 50 m
MT48	6 Rolls	48 mm x 50 m

3M

BEST SELLER

3M 'Scotch Auto®' Masking Tape - 2328

- **Solvent resistant**
- **Prevents bleed through**

Part No.	Qty	Width x Length
MT225	9 Rolls	24 mm x 50 m
MT250N	6 Rolls	48 mm x 50 m

Trim Masking Tape

High temperature rating: 100°C.
Unique tape to mask up around rubber window surrounds and plastic panel trims.

- **Perforated to make the job very quick.**
- **High temperature rating: 100°C.**

Part No.	Pack of	Width x Length
MT11	1 Roll	48 mm x 10 m

Fine Line Tape - Green

High temperature rating: 150°C.
Flexible and strong for masking around tight curves and sharp corners.

Part No.	Pack of	Width x Length
MT10	1 Roll	3 mm x 55 m

Double-Sided Adhesive Tape - Non-Foam Type

Avoids thickness build-up where foam tape has been previously used.

Part No.	Pack of	Width x Length
VC406	1 Roll	12 mm x 50 m
VC408	1 Roll	25 mm x 50 m

Transparent Marque Badge Tape

Transparent tape with strong acrylic adhesive.
Adhesive thickness 0.04 mm.
Application temperature: 15 to 35°C.

- **A Simple, no fuss and very effective way to attach car logos and emblems back onto newly painted panels**
- **Tape is strong and will resist adverse weather conditions, oil and UV light.**

Part No.	Pack of	Width x Length
MT12	10	50 x 300 mm Strips

BEST SELLER

Double-Sided Adhesive Foam Tape - Green Backing

Industrial standard general purpose tape.

- **Suitable for interior and exterior use.**

Part No.	Pack of	Width x Length	Thickness
VC402	1 Roll	12 mm x 10 m	0.8 mm
VC403	1 Roll	19 mm x 10 m	0.8 mm
VC404	1 Roll	25 mm x 10 m	0.8 mm
VC405	1 Roll	50 mm x 10 m	0.8 mm

BEST SELLER

Double-Sided Adhesive Foam Tape - Yellow Backing

Designed for automotive trim fixing.

- **Delayed cure allows for repositioning where required.**

Part No.	Pack of	Width x Length	Thickness
GLU10	2 Rolls	12 mm x 5 m	1.0 mm
GLU11	2 Rolls	19 mm x 5 m	1.0 mm
GLU24	2 Rolls	25 mm x 10 m	1.0 mm
GLU21	1 Roll	48 mm x 5 m	1.0 mm

ADVANCE 'AT132' Polycloth Duct Sealing Tape (Gaffer)

General purpose waterproof cloth tape.

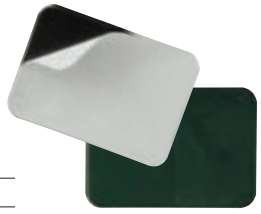
- **Easy unwind and easy tear**
- **Very high initial stick**
- **Gloss finish**

Part No.	Qty	Colour	Width x Length
TAPE4	2 Rolls	Silver	50 mm x 50 m
TAPE4B	24 Rolls	Silver	50 mm x 50 m
TAPE5	2 Rolls	Black	50 mm x 50 m
TAPE5B	24 Rolls	Black	50 mm x 50 m
TAPE6	2 Rolls	White	50 mm x 50 m

Gaffer Tape

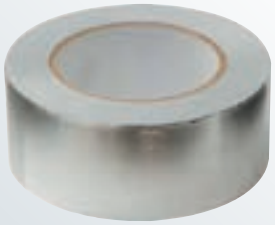
General purpose waterproof cloth tape.

Part No.	Qty	Colour	Width x Length
TAPE7	2 Rolls	Silver	50 mm x 50 m
TAPE7B	24 Rolls	Silver	50 mm x 50 m
TAPE8	2 Rolls	Black	50 mm x 50 m
TAPE8B	24 Rolls	Black	50 mm x 50 m



Double-Sided Adhesive Pads - Mirror Pads

Part No.	Pack of	Size
VC400	40	40 x 28 mm

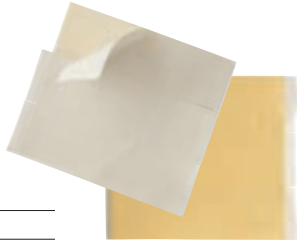


Cold Weather Aluminium Foil Tape

Certified to BS476. Approved to class 'O' rating, used in the insulation marketplace on foil-faced pipe and slab sections and protects against the effects of fire, dust and moisture.

- **Excellent in low temperature and humidity applications**
- **A soft, conformable aluminium foil conforms to irregular surfaces**

Part No.	Qty	Width x Length
TAPE53	1	50 mm x 45.7 m



Double-Sided Adhesive Pads - Number Plate Pads

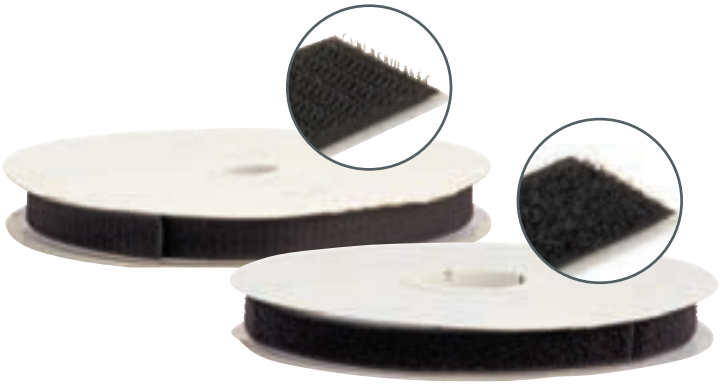
Part No.	Pack of	Size
VC401	20 x 3	80 x 25 mm

All Weather Clear Repair Tape

UV resistant polythene tape. Ideal for reinforcement of horticultural PVC structures and suitable for a variety of long-ageing applications.

- **Outside UV resistant for 9 months**
- **Multi-purpose repairs - Polythene film, polytunnels, greenhouses, car lamps**
- **Designed for indoor and outdoor repairing and sealing applications**

Part No.	Qty	Width x Length
TAPE54	3	50 mm x 10 m



'Hook & Loop' Tapes - Black

Self-adhesive. 25 mm wide x 25 m long.

Part No.	Qty	Type
VC441	1 Roll	'Hook' Tape
VC442	1 Roll	'Loop' Tape

Anti Corrosion Petro Tape

Apply by hand. For use on pipes, valves, joints and cables above and below ground. Seals against weathering and protects against water and chemicals.

- **Highly impermeable to water and gases**
- **Used to protect buried or exposed pipes, valves, pipe fittings, cables and other metalwork from corrosion**
- **Non-hardening, non-cracking and highly resistant to deterioration**

Part No.	Qty	Width x Length
TAPE50	1	50 mm x 10 m

Crossweave Tape

Clear polypropylene tapereinforced with crossweave glass fibre, coated with a synthetic rubber resin adhesive.

- **High tensile strength for heavy duty bundling and packaging**
- **Recommended for packing of pallets and for high level reinforcements**

Part No.	Qty	Colour	Width x Length
TAPE52	1 Roll	Clear	50 mm x 50 m

Wide Carton Sealing Tape

Clear polypropylene.
Suitable for use with dispenser Part No. TAPE10.

- **Low Noise**

Part No.	Box of	Colour	Width x Length
TAPE11	24 Rolls	Clear	72 mm x 132 m

Wide Carton Sealing Tape Dispenser Gun

Suitable for use with Part No. TAPE11.

Part No.	Qty	Description
TAPE10	1	75 mm Tape Gun

Carton Sealing Tape

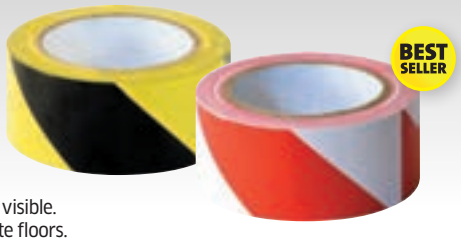
Brown polypropylene.
Suitable for use with dispenser Part No. TAPE3.

Part No.	Pack of	Colour	Width x Length
TAPE2	6 Rolls	Brown	50 mm x 60 m

Carton Sealing Tape Dispenser Gun

Suitable for use with Part No. TAPE2.

Part No.	Qty	Description
TAPE3	1	50 mm Tape Gun



Hazard Warning Adhesive Tapes

50 mm x 33 m roll. Highly visible.
Suitable for use on concrete floors.

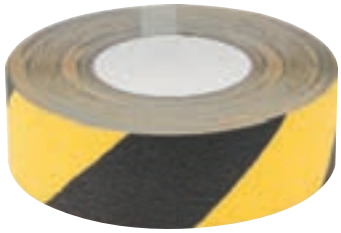
Part No.	Qty	Colours
TAPE24	1 Roll	Black/Yellow
TAPE25	1 Roll	White/Red

Reflective Tape

Class 1 commercial grade self adhesive tape for safety markings and barriers

- **Ideal for the temporary road sign, safety markings and barriers, etc.**
- **Lasts for 3 to 5 years**

Part No.	Qty	Colour	Width x Length
TAPE30	1 Roll	Red/White	50 mm x 10 m
TAPE31	1 Roll	Black/Yellow	50 mm x 10 m



Anti-Slip Hazard Tape

Coarse grade.

Part No.	Qty	Colours	Width x Length
TAPE26	1 Roll	Black/Yellow	50 mm x 18.4 m

Lane Marking Tape

Self adhesive PVC.

Part No.	Qty	Colour	Width x Length
TAPE40	1	Red	50 mm x 33 m
TAPE41	1	Blue	50 mm x 33 m
TAPE42	1	Green	50 mm x 33 m
TAPE43	1	Yellow	50 mm x 33 m
TAPE44	1	Black	50 mm x 33 m
TAPE45	1	White	50 mm x 33 m

PVC Insulation Tape

Flame Retardant to BS EN 60454 Type 2.

Part No.	Pack of	Colour	Width x Length
EPT1	10	Black	19 mm x 20 m
EPT11	10	Blue	19 mm x 20 m
EPT17	10	Brown	19 mm x 20 m
EPT12	10	Green	19 mm x 20 m
EPT13	10	Green/Yellow Stripe	19 mm x 20 m
EPT18	10	Grey	19 mm x 20 m
EPT14	10	Red	19 mm x 20 m
EPT15	10	White	19 mm x 20 m
EPT16	10	Yellow	19 mm x 20 m

Assorted Pack of PVC Insulation Tape

Flame Retardant to BS EN 60454 Type 2.

Part No.	Pack of	Width x Length
EPT3	10 Pieces	19 mm x 20 m

5 x Colours: (2 x) Blue, Green, Red, White, Yellow.

PVC Tape - 2" Wide

Part No.	Qty	Colour	Width x Length
EPT2	1	Black	50 mm x 33 m

ADVANCE

ADVANCE 'AT7' PVC Insulation Tape

Flame Retardant to BS EN 60454 Type 2.

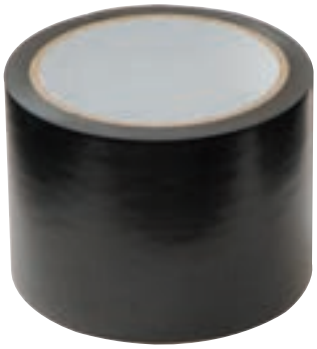
Part No.	Pack of	Colour	Width x Length
EPT7	10 Rolls	Black	19 mm x 20 m

Nitto

NITTO '21A' PVC Insulation Tape

0.20 mm Tape Thickness (200 Micron).

Part No.	Pack of	Colour	Width x Length
EPT21	10 Rolls	Black	19 mm x 20 m



Farmers 'Silage' High Strength PVC Tape

High strength tape for repairing around the farm including silage patching, electrical insulation and banding.

- **Good resistance to abrasion, corrosion and moisture**
- **High dielectric strength**
- **Excellent conformability**

Part No.	Qty	Colour	Width x Length
TAPE55	3 Rolls	Black	75 mm x 20 m

High Density PTFE Gas Tape

Manufactured to EN 751-3 GRp, BS 6920. WRAS approved.

- **33% thicker than standard PTFE tape.**
- **Developed especially for the gas industry.**
- **Suitable for use on all common gases and liquids.**

Part No.	Pack of	Width x Length
GLU51	10 Rolls	12 mm x 5 m

PTFE Thread Sealing Tape

BS 4375. 751-3:1997.
Supplied on a plastic spool.

- **For use on all materials: Steel, Alloy, Plastic, Copper and Ceramics.**

Part No.	Pack of	Width x Length
GLU5	10 Rolls	12 mm x 12 m

LOCTITE

LOCTITE '401' Instant Adhesive

Universal Adhesive.

Part No.	Qty	Size
VC906	1	20g Bottle

LOCTITE

LOCTITE 'Precision' Super Glue

Supplied on a blister card.

Part No.	Qty	Size
VC935	1	5g Bottle

LOCTITE

LOCTITE 'Easy Brush' Super Glue

Supplied on a blister card.

Part No.	Qty	Size
VC934	1	5g Bottle

LOCTITE

LOCTITE 'All Plastics' Super Glue Kit

Extra strong formulation - Even for the most difficult plastics. Supplied on a blister card.

Part No.	Qty	Description
VC928	1 Kit	All Plastics Super Glue Kit

1 x Super Glue: 2g Tube. 1 x Activator Primer: 4ml Bottle.

LOCTITE

LOCTITE Super Glue Liquid

Universal instant adhesive.
Supplied on a blister card.

- **High performance formula.**
- **No clog pin cap.**
- **Bonds metal, rubber, wood, leather & most plastics.**

Part No.	Qty	Size
VC933	1	3g Tube

LOCTITE

LOCTITE '319' Rear View Mirror Bonder

Supplied on a blister card.

Part No.	Qty	Size
VC929	1	0.5ml Bottle

LOCTITE

LOCTITE '3090' Multi-Substrate Adhesive

Colourless cyanoacrylate instant adhesive gel.
Complete with 7 nozzles.

- **Bonds: Plastics, rubbers and metals.**
- **Also works on porous substrates: Wood, paper, leather, cork and fabrics.**
- **For applications with gaps up to 5 mm or where excess of adhesive is present.**
- **Fixing time: 90 - 150 seconds.**

Part No.	Qty	Description
VC910	1	10g Dispenser Syringe Kit
VC911	10	Replacement Nozzles

S·A·S Adhesive & Sealant Engineers Kit

Comprehensive kit containing the most frequently used adhesive and sealant products from the range. Supplied in a tough plastic storage case.

Part No.	Description
SASKIT1	10 Piece Kit

Kit contents: 1 x Super Glue: 20g. 1 x Thread Lock: 10ml. 1 x Stud Lock: 10ml. 1 x Nut Lock: 10ml. 1 x Bearing Fit: 50ml. 1 x Hylomar 'Universal Blue' Gasket Compound: 100g. 1 x Multi Gasket: 50ml. 1 x Brake & Airline Sealant: 50ml. 1 x High Strength Epoxy: 25ml. 1 x Quick Metal Liquid: 25ml.

S·A·S Super Glue

Medium viscosity.
Bonds metal, rubber and most materials in seconds.

Part No.	Qty	Size
SAS401/5	Pack of 5	3g Tubes
SAS495/5	Pack of 5	5g Bottles
SAS495/24	Box of 24	5g Bottles
SAS4950	1	20g Bottle
SAS4950/12	Box of 12	20g Bottles

S·A·S Super Glue Gel

Quick setting very thick non-drip gel adhesive.
Ideal for applications requiring a viscous product, i.e. Vertical applications.
Bonds metal, rubber and most materials in seconds.

Part No.	Qty	Size
SAS454	1	20g Tube
SAS454/20	Box of 20	20g Tubes

S·A·S Super Glue - High Viscosity

High viscosity. Bonds metal, rubber and most materials in seconds.

Part No.	Qty	Size
SAS422	1	20g Bottle
SAS422/12	Box of 12	20g Bottles

S·A·S Spray Adhesive

Can be applied to Roof Linings, Trim Linings, Upholstery and Carpets (NOT suitable for unsupported construction).
This product should NOT be used on surfaces where temperature may exceed 50°C.

- **Specially formulated for maintenance and repair applications for all types of substrate and trim (except plasticised PVC)**
- **Non-chlorinated formula**

Part No.	Pack of	Size
SAS470	6	500ml Aerosols

S·A·S Activator

Dramatically increases the cure speed of instant adhesives/super glue. Can also help the cure rate when used in large gaps and aids bonding on porous materials.

- **Suitable for use on PVCU, plastic, glass and metal.**

Part No.	Qty	Size
SAS325	1	200ml Aerosol

LOCTITE

LOCTITE '243' Threadlocker

Fast-acting thread lock and sealant. Stops bolts, screws and nuts vibrating loose. Medium strength - Easily undone with normal hand tools. OEM Specified.

Part No.	Qty	Size
VC941	1	24ml Bottle
VC901	1	50ml Bottle

LOCTITE

LOCTITE '270' Threadlocker

Stud 'N Bearing Fit. Retains studs and bearings, sealing against corrosion. Vibration proof - Eliminates wear. OEM specified.

Part No.	Qty	Size
VC942	1	24ml Bottle
VC902	1	50ml Bottle

LOCTITE

LOCTITE 'Stick 248' Threadlocker - Medium Strength

Removable strength threadlocking adhesive, specially suited to fasteners between 1/4" and 3/4" diameter. Parts can be separated using hand tools.

Part No.	Qty	Size
VC971	1	19g Stick

LOCTITE

LOCTITE 'Stick 268' Threadlocker - High Strength

High strength threadlocking adhesive. Offering heavy duty strength and performance for high strength applications.

Part No.	Qty	Size
VC972	1	19g Stick

S·A·S

S·A·S Thread Lock

Prevents vibration loosening and leakage through threaded fastening. Designed for easy disassembly of treated components. Anaerobic formula allows curing only when confined between metal parts.

- **Strength: Low**
- **Gap Fill: 0.50 mm**
- **Suitable for use with oil, petrol and diesel**

Part No.	Qty	Size
SAS222/5	Pack of 5	10ml Bottles
SAS222/12	Box of 12	10ml Bottles
SAS2220	1	50ml Bottle
SAS2220/12	Box of 12	50ml Bottles

S·A·S

BEST SELLER

S·A·S Nut Lock

Prevents shock and vibration loosening and leakage on all types of metal fasteners. Designed for locking and sealing, Nut Lock withstands harsh environments yet is removable with hand tools.

- **Strength: Medium**
- **Gap Fill: 0.25 mm**
- **Temp Range: -40°C to +150°C**
- **Suitable for use with oil, petrol and diesel**

Part No.	Qty	Size
SAS243/5	Pack of 5	10ml Bottles
SAS243/12	Box of 12	10ml Bottles
SAS2430	1	50ml Bottle
SAS2430/12	Box of 12	50ml Bottles

S·A·S

BEST SELLER

S·A·S Stud Lock

Fast acting seal against leakage and corrosion. Chemical resistance against fuels, lubricants and gases. Eliminates double nutting and/or welding of critical assemblies.

- **Strength: High**
- **Gap Fill: 0.10 mm**
- **Temp Range: -50°C to +150°C**
- **Suitable for use with oil and petrol**

Part No.	Qty	Size
SAS271/5	Pack of 5	10ml Bottles
SAS271/12	Box of 12	10ml Bottles
SAS2710	1	50ml Bottle
SAS2710/12	Box of 12	50ml Bottles

S·A·S Bearing Fit

Provides medium strength retention under cyclic loading. Will retain full strength and not suffer fatigue under load stress, as well as benefiting from low corrosivity.

- **Strength: Medium**
- **Gap Fill: 0.20 mm**
- **Temp Range: Up to 150°C**
- **Full cure time: 12 hours**

Part No.	Qty	Size
SAS601	1	50ml Bottle
SAS601/12	Box of 12	50ml Bottles

S·A·S High Strength Retainer

Provides high strength retention under cyclic loading. Will retain full strength and not suffer fatigue under load stress, as well as benefiting from low corrosivity.

- **Strength: High**
- **Gap Fill: 0.20 mm**
- **Temp Range: Up to 150°C**
- **Full cure time: 24 hours**

Part No.	Qty	Size
SAS638	1	50ml Bottle
SAS638/12	Box of 12	50ml Bottles

S·A·S Quick Metal Liquid

Good matching qualities for bonding and repairing of most metals. Ideal for repair of metal housings and steel sheets.

- **Temperature Range: Up to 120°C (250°F)**
- **Cure Time: 45 minutes (Full Cure: 16 hours)**
- **Cured material can be filed, bored, tapped and over painted**

Part No.	Qty	Size
SAS380	1	25ml Syringe

S·A·S Rapid Epoxy

Quick setting, waterproof and impact resistant fluid epoxy resin adhesive.

- **Temperature range: Up to 50°C**
- **Cure time: 5 minutes (Full cure: 24 Hours)**

Part No.	Qty	Size
SAS450	1	25ml Syringe

S·A·S High Strength Epoxy

High strength, waterproof and impact resistant fluid epoxy resin adhesive.

- **Temperature range: Up to 42°C**
- **Cure time: 20 minutes (Full cure: 24 Hours)**

Part No.	Qty	Size
SAS460	1	25ml Syringe

S·A·S Quick Metal Putty

Kneadable epoxy repair putty. Ideal for long lasting emergency repairs. Adheres to moist surfaces even curing under water. Steel filled product resistant to corrosion.

- **Temperature Range: Up to +120°C**
- **Cure Time: 1 hour (Full Cure: 24 hours)**
- **Cured material can be filed, bored, tapped and over painted**

Part No.	Qty	Size
SAS390	1	112g Stick

S·A·S Quick Aluminium Putty

Epoxy putty for rebuilding damaged castings and worn parts.

- **Temperature Range: Up to +120°C**
- **Cure Time: 1 hour (Full Cure: 24 hours)**
- **Cured material can be filed, bored, tapped and painted over**

Part No.	Qty	Size
SAS391	1	114g Stick

EVO-STIK

EVO-STIK 'Impact' Instant Contact Adhesive

Multi-Purpose. Instant bond on contact.

- **Instant bond on contact.**
- **Bonds most materials, even non-porous.**
- **High strength - No need to support.**
- **Fast drying formula.**

Part No.	Qty	Size
VC337	1	500ml Tin
VC336	6	65g Tube

ARALDITE 'Rapid' Super Strong Adhesive

Long lasting and solvent FREE. Water resistant and can be painted or sanded.

- **Sets In Minutes.**
- **Bonds: Metal, Wood, Masonry, Ceramics, Glass, Most Plastics, Chipboard, Dry Concrete, Leather, Cardboard, Fabric and Rubber.**

Part No.	Qty	Size
VC393	1	2 x 15ml Tubes
VC394	1	24ml Syringe

Glue Sticks

Suitable for use with Part No. TL880.

Part No.	Approx. Qty	Ø x Length	Weight
TL881	34 Sticks	12 x 300 mm	1 kg

PROVIDUS+ Glue Gun

80W, 230V. Suitable for use with Part No. TL881.

Part No.	Qty	Description
TL880	1	Glue Gun

J-B WELD

J-B WELD Original Cold Weld

A remarkable easy, convenient and inexpensive alternative to welding, soldering and bronzing. Bonds to virtually any clean, dry surface. Sets in 4-6 hours, cures in 16-24 hours. Supplied on a blister card.

- **Maximum Temperature: 600°F (315°C).**
- **Tensile Strength: 3960 PSI.**
- **Cure Time: 16 hours.**

Part No.	Qty	Pack of
VC391	1	2 x 28 g Tubes

J-B WELD Industrial Professional Size

Same product as J-B Weld in an industrial size pack. A remarkable easy, convenient and inexpensive alternative to welding, soldering and bronzing. Bonds to virtually any clean, dry surface. Sets in 4-6 hours, cures in 16-24 hours.

- **Maximum Temperature: 600°F (315°C).**
- **Tensile Strength: 3960 PSI.**
- **Cure Time: 16 hours.**

Part No.	Qty	Box of
VC392	1	2 x 142 g Tubes

J-B WELD 'KwikWeld'

A fast-set, fast cure version of the original J-B Weld. A lightning 'kwik' bond with strength, perfect for any quick fix repairs. Sets in 4 Minutes, cures in 4-6 hours! Supplied on a blister card.

- **Maximum temperature: 300°F (148°C).**
- **Tensile strength: 2424 PSI.**
- **Bonds In 4 Minutes!**
- **Cure Time: 4 hours.**

Part No.	Qty	Pack of
VC395	1	2 x 28g Tubes

LOCTITE

LOCTITE 'Double-Bubble' Clear 5 Minute Epoxy

2K Epoxy. Supplied with mixing cards and sticks.

- **Cure Time: 3-5 minutes at 20°C.**

Part No.	Qty	Size
VC380A	10 Kits	3g Sachets
VC380	50 Kits	3g Sachets

PLASTIC PADDING 'Super Steel' Epoxy Weld

Hardens in 5 minutes.
Supplied on a blister card.

- **Seals, Repairs, Fixes, Fills, Replaces.**
- **For use on Aluminium, Copper, Glass, Marble, Steel, Plastic, Stone, Wood, etc.**

Part No.	Qty	Size
VC991	1	2 x 25g Tubes

Q-BOND Adhesive System Kits

Quick bonding, ultra strong adhesive system.
Black powder is carbon/graphite based designed for repairing hard plastics.
Grey powder is aluminium based designed for repairing metal surfaces.
Each pack contains: 2 x 10ml adhesive, 1 x black powder and 1 x grey powder.

- **Non toxic**
- **Flexible when dry**
- **Resistant to chemicals, petrol, diesel, oil, coolant**
- **Withstands temperatures up to 180°C and pressures up to 1300psi**
- **Can be drilled, tapped, ground, sanded, primed, painted or powder coated 10 seconds after use**

Part No.	Qty	Description
QB10	10 Kits	Q-Bond Kits c/w Display Box
QB10A	1 Kit	Q-Bond Kit

VIP 'PowerWeld' 2K Methacrylate

2-component structural adhesive (Methyl-Methacrylat-Ester) for bonding metal, modern difficult to bond plastics and innovative composites. Complete with 2 x mixer nozzles.

- **High lapshear resistance**
- **Very good chemical resistance**
- **High temperature specification**
- **Non runny**
- **Partly no primer / no sanding**
- **Remains elastic**
- **Wide adhesion spectrum**
- **Very good working consistency**
- **Fills cuts and gaps up to 4mm**
- **Good reworkability (sanding, drilling, painting, etc.)**
- **UV stable**

Part No.	Qty	Size
VIP52	1 Kit	25ml Cartridge

VIP 'Power Mix' - 1 Minute 2K Polyurethane Universal Repair Adhesive

2-part syringe cartridge.
Unique adhesive for plastic and metal components.
Cures in 1 minute (full cure time 24 hours).

Part No.	Pack of	Colour	Weight
VIP21B	2 Kits	Black	56g

VIP 'Power Mix' - 5 Minute 2K Polyurethane Universal Repair Adhesive

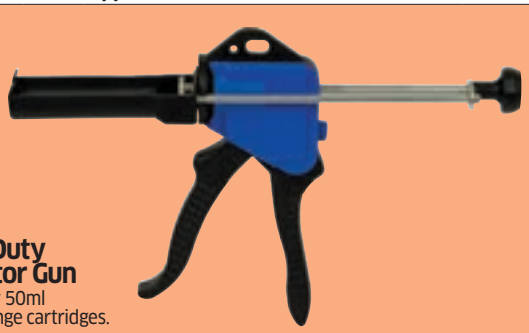
2-part syringe cartridge.
Unique adhesive for plastic and metal components.
Cures in 5 minutes (full cure time 24 hours).

Part No.	Pack of	Colour	Weight
VIP25C	2 Kits	Clear	56g

Applicator Nozzles

Suitable for 50ml 2-part syringe cartridges (suits Part No.s VIP25C & VIP21B).

Part No.	Pack of	Description
VIP37	12	Applicator Nozzles



Heavy Duty Applicator Gun

Suitable for 50ml
2-part syringe cartridges.

Part No.	Qty	Description
TL887	1	50ml Syringe Applicator Gun

VIP 'Power Mix' Primer

Adhesion promoter for most plastics, compound materials and a variety of surfaces. Developed to improve 2-part component adhesives performance, e.g. 'Power Mix'. Short drying time.

Part No.	Qty	Description
VIP35	1	150ml Aerosol

MOTIP 2 Component Filled Fibreglass Putty

2 component fibreglass putty for filling surface holes in steel, aluminium, wood, concrete and polyester. Fibre putty is easy to sand and has excellent filling properties. Fibre putty offers high impact resistance and may be resprayed with allpaints. It is resistant to chemicals and weather influences and can be applied in layers up to 2 cm in thickness.

Part No.	Qty	Weight
MP9	1	250g

MOTIP 2 Component Polyester Repair Set

2 component polyester resin to be used in combination with the enclosed fibreglass mat and fibreglass fleece. To fill holes in surfaces of steel, aluminium, wood, concrete and polyester. Also suitable to create objects for which a mould is required. Polyester resin is elastic and resistant to chemicals and weather influences. MoTip Polyester Resin has excellent adhesion and is, after hardening, only mechanically sandable.

Part No.	Qty	Weight
MP7	1	250g

MOTIP 2 Component Polyester Putty

Universal 2 component polyester putty to level irregularities in surfaces of steel, aluminium, wood, concrete and polyester. Polyester Putty is elastic and very easy to sand. Polyester putty is re-sprayable with all lacquer systems and resistant to chemicals and weather influences. MoTip Polyester Putty can be applied in layers with a thickness up to 2 cm.

Part No.	Qty	Weight
MP1	1	250g

MOTIP 2 Component Polyester Resin

2 component polyester resin to be used in combination with fibreglass mat or fibreglass fleeze. To fill holes in surfaces of steel, aluminium, wood, concrete and polyester. Also suitable to create objects for which a mould is required. Polyester resin is elastic and resistant to chemicals and weather influences. MoTip Polyester Resin has excellent adhesion and is after hardening only mechanically sandable.

Part No.	Qty	Weight
MP6	1	250g

MOTIP 2 Component Unfilled Fibreglass Putty

2 component fibreglass putty for filling surface holes in steel, aluminium, wood, concrete and polyester. Fibre putty has excellent filling properties. It offers high impact resistance and may be resprayed with all paints. It is resistant to chemicals and weather influences and can be applied in layers up to 2cm in thickness.

Part No.	Qty	Weight
MP8	1	250g

MOTIP 2 Component Bumper Repair Putty

2 component plastic putty to level irregularities in bumpers. Bumper repair putty is very elastic and easy to sand. Bumper repair putty can be resprayed with all paints, also powder coating, and has a very fine structure. Bumper repair putty is resistant to chemicals and weather influences and has excellent adhesion. MoTip Bumper Repair Putty can be applied in layers with a thickness up to 1 centimetre.

Part No.	Qty	Weight
MP2	1	250g

MOTIP 2 Component Metal Putty

2 component metal putty to level irregularities in surfaces of steel, aluminium, wood, concrete and polyester. As a result of the supplement of aluminium pigments, very easy to draw and consequently, ideal to treat larger surfaces. Metal putty is elastic and very easy to sand. Metal putty can be resprayed with all paints and resistant to chemicals and weather influences. MoTip Metal Putty can be applied in layers with a thickness up to 2 cm.

Part No.	Qty	Weight
MP4	1	250g

MOTIP 2 Component Fine Putty

2 component fine putty to level small irregularities in surfaces of steel, aluminium, wood, concrete and polyester. Fine Putty is easy to sand, elastic and resprayable with all lacquer systems. Fine Putty has a very fine structure and excellent adhesion and is resistant to chemicals and weather influences. MoTip Fine Putty can be applied in layers with a thickness up to 0.5 cm.

Part No.	Qty	Weight
MP3	1	250g

MOTIP Grey Finishing Putty

Fast drying finishing putty to level small, superficial irregularities in surfaces of steel, aluminium, wood and polyester. Finishing putty has a fine structure and is easy to sand. MoTip Finishing putty is re-sprayable with all lacquer systems and can be applied in layers up to 0.5 millimetre.

Part No.	Qty	Weight
MP5	1	250g

MOTIP Fibreglass

Size: 0.5m²

Part No.	Qty	Type
MP10	1	Tissue
MP11	1	Fleece
MP12	1	Mat

Plastic Filler Spreader

Plain plastic.

- **Ideal for use in automotive workshops, marine and boat industry, fibre glass and general industry.**

Part No.	Pack of	Size
TL1001	10	70 x 106 mm

TEROSON UP 130 Chemical Metal

Repairs dents, pinholes and scratches. Can be drilled and tapped.

- **Original hard, multi purpose, two part repair paste**
- **Resistant to water, oil, fuel, most weak acids and chemicals**
- **Pot life: 4:30 mins**
- **Colour: dark grey**
- **Sandable: 15 to 20 mins**
- **High chemical resistance**

Part No.	Qty	Pack Size
VC994	1	321g

TEROSON UP 120 Leak Fix

Emergency repair of fuel tanks, leaking pipes, radiators etc.

- **Two part, all purpose emergency filler**
- **Resistant to oil, water and common chemicals**
- **Pot Life: 3:30 mins**
- **Colour: grey/green/black**
- **Sandable: 15 to 20 mins**
- **Temperature resistance up to 120°C**
- **Good temperature resistance**

Part No.	Qty	Pack Size
VC995	1	326g

SAS

S·A·S Multi Gasket

For sealing close fitting joints and flanged connections. Providing resistance to low pressures immediately after flange assembly.

- **Temperature range: -55°C up to 150°C.**
- **Excellent water and oil resistance.**
- **Anaerobic formula allows curing only when confined between metal parts.**
- **Silicone Free.**

Part No.	Qty	Size
SAS574	1	50ml Accordion Bottle
SAS574/12	Box of 12	50ml Accordion Bottles

LOCTITE

LOCTITE '574' Multi Gasket

Part No.	Qty	Size
VC940	1	50ml Bottle

LOCTITE

LOCTITE '5990' Silicone Copper

Gasket Maker/Sealant.

- **High performance.**

Part No.	Qty	Size
VC951	1	100ml Tube

HYLOMAR

HYLOMAR 'Hylotyte Red'

Semi hardening gasket and jointing compound. Supplied on a blister card.

- **Resistant to steam.**
- **Operating temperature range: -40°C to 250°C.**
- **Resistant to automotive fluids: Petrol, oil, water and anti-freeze.**

Part No.	Qty	Size
VC224	1	50g Tube

HYLOMAR

HYLOMAR 'Universal Blue' Gasket Compound

The original 'Blue Hylomar'.
Resistant to a wide range of fluids including all industrial fuels, oils, water and brine, air, turbine and piston engine combustion products, water, water/glycol and methanol mixtures, petroleum and synthetic diester lubricating oils, gasoline and kerosene fluids (Avtur & Avcat) and fluorocarbon refrigerants.

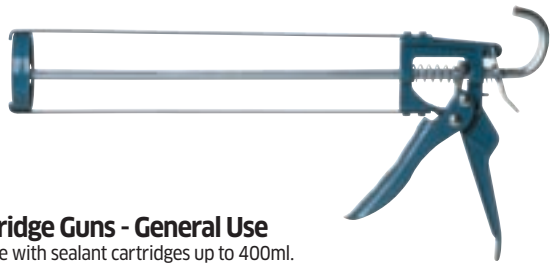
Part No.	Qty	Size
GLU12A	Pack of 3	40g Tubes
GLU12	Box of 12	40g Tubes
GLU4A	Pack of 3	100g Tubes
GLU4	Box of 12	100g Tubes

LOCTITE

LOCTITE '5926' Instant Gasket

Permanently flexible silicone sealant for gasket flanges of any shape and size. Sets very quickly. Ideal for a wide range of automotive applications.

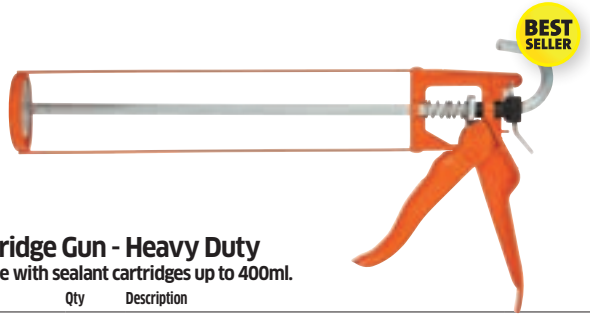
Part No.	Qty	Size
VC952	1	40ml Tube



Cartridge Guns - General Use

For use with sealant cartridges up to 400ml.

Part No.	Pack of	Description
TL921	2	General Use Gun



Cartridge Gun - Heavy Duty

For use with sealant cartridges up to 400ml.

Part No.	Qty	Description
TL885	1	Heavy Duty Gun

S·A·S High Temp Instant Gasket

For use as a gasket sealant to replace conventional gaskets. Waterproof formula seals leaks and can be used as an adhesive to bond metal, glass and rubber.

- **Temperature range: -40°C up to 240°C (Intermittent).**
- **Excellent water and oil resistance.**
- **Resistant to Petrol.**

Part No.	Qty	Size
SAS591	1	220ml Power Can

S·A·S Extra High Temp Instant Gasket

Red. High modulus flexible acetoxy.

- **Replaces conventional gaskets**
- **Temperature range: -40°C to +350°C (intermittent)**
- **Compatible with catalytic converters**
- **Power can application**
- **Resistant to Petrol and Diesel**

Part No.	Qty	Size
SAS592	1	220ml Power Can

S·A·S RTV Silicone Sealant

Premium quality specially formulated for automotive and industrial use. Bonds and seals metals, glass, rubber, etc. Flexible and resistant to transmission, cooling and lubricating fluids.

- **Temperature range: -40°C up to 150°C**
- **Excellent water and good oil resistance**
- **Mildew resistant - suitable for sanitary applications**

Part No.	Qty	Colour	Size
SAS202B/3	Pack of 3	Black	300ml Cartridges
SAS202B/12	Box of 12	Black	300ml Cartridges
SAS202C/3	Pack of 3	Clear	300ml Cartridges
SAS202C/12	Box of 12	Clear	300ml Cartridges
SAS202W/3	Pack of 3	White	300ml Cartridges
SAS202W/12	Box of 12	White	300ml Cartridges

Assorted Pack of Cartridge Nozzles

Suitable for most 300/310ml cartridges

Part No.	Description
SASNOZ	Pack of 12

2 x Colours: Black, Clear, White.

U-POL Tiger Seal™ Polyurethane Sealant & Adhesive

One component, ready to use polyurethane sealant and adhesive which bonds to most materials including steel, aluminium, glass and most plastics.

- **1K formula - ready for use**
- **Ideal for sealing and bonding body panels, trims and seams**
- **Use to seal around windows, doors, lights and more**
- **Moisture-cured formula can be painted immediately**
- **Temperature range: -40°C to +90°C (up to +120°C for short intervals)**

Part No.	Qty	Colour	Size
VC23B	1	Black	310ml Cartridge
VC23B/12	12	Black	310ml Cartridges
VC23G	1	Grey	310ml Cartridge
VC23G/12	12	Grey	310ml Cartridges
VC23W	1	White	310ml Cartridge
VC23W/12	12	White	310ml Cartridges

Geocel

GEOCEL 'Auto' Silicone

For sealing windscreens and making permanent replacement instant gaskets.

Part No.	Pack of	Size
VC247	6	78g Injector Cartridge

Assorted Pack of Cartridge Nozzles

Suitable for most 300/310ml cartridges

Part No.	Description
SASNOZ	Pack of 12

2 x Colours: Black, Clear, White.

SIROFLEX 'Polyflex-HM' Polyurethane Sealant

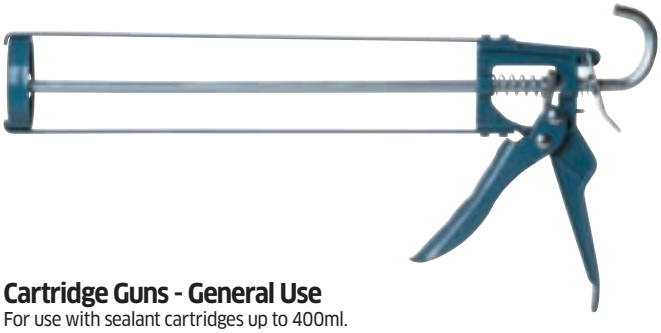
300ml cartridge.

Part No.	Qty	Colour
VC203B	Pack of 3	Black
VC203BB	Box of 12	Black
VC203W	Pack of 3	White
VC203WB	Box of 12	White

SIROFLEX Expanding Foam

Trade strength.

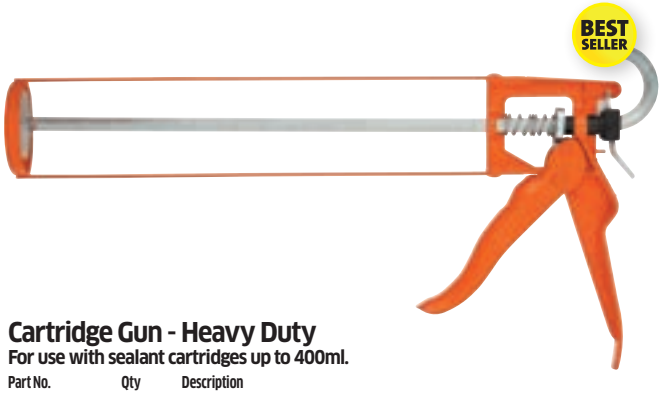
Part No.	Qty	Size
VC205	1	700ml Aerosol



Cartridge Guns - General Use

For use with sealant cartridges up to 400ml.

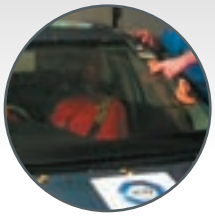
Part No.	Pack of	Description
TL921	2	General Use Gun



Cartridge Gun - Heavy Duty

For use with sealant cartridges up to 400ml.

Part No.	Qty	Description
TL885	1	Heavy Duty Gun



VIP 'Power Bond' Windscreen MS-Polymer Sealant/Bonder

A unique sealing and bonding mastic of the new generation high-quality hybrid polymers

- **2 hour drive-away time.**
- **Suitable for use with integrated windscreen antenna.**
- **Cures under the influence of air.**
- **Can be painted after 15 minutes, even when wet.**
- **Fast drying, contains no isocyanates, solvents or silicone.**
- **Remains flexible.**
- **TÜV approved.**

Part No.	Qty	Colour	Size
VIP13B	1	Black	310ml cartridge
VIP13BB	12	Black	310ml cartridges

VIP 'Power Bond' Seam Sealer 1K MS-Polymer Sealant/Bonder

A unique sealing and bonding mastic of the new generation high-quality hybrid polymers.

- **Cures under the influence of air.**
- **Can be painted after 15 minutes, even when wet.**
- **Fast drying, contains no isocyanates, solvents or silicone.**
- **Remains flexible.**

Part No.	Qty	Colour	Size
VIP10B	1	Black	310ml cartridge
VIP10B/10	10	Black	310ml cartridges
VIP10C	1	Clear	310ml cartridge
VIP10C/10	10	Clear	310ml cartridges
VIP10G	1	Grey	310ml cartridge
VIP10G/10	10	Grey	310ml cartridges
VIP10W	1	White	310ml cartridge
VIP10W/10	10	White	310ml cartridges

VIP Black Windscreen Activator Primer for Sealant/Bonder

For use with 'Power Bond S' (Part No. VIP13B).

Part No.	Qty	Description
VIP33	1	38ml Bottle

S·A·S Brake & Air Line Sealant with PTFE

Instant low pressure sealant for fine and coarse threads up to 3 inch in diameter. Cures up to 60 hours after application, allowing for re-alignment of joints. Will not shred or tear. PTFE seals against oils, gases, chemicals.

- **Strength: Medium.**
- **Gap Fill: 0.40 mm.**
- **Petrol resistant.**

Part No.	Qty	Size
SAS572	1	50ml Accordion Bottle
SAS572/12	Box of 12	50ml Accordion Bottles

LOCTITE '572' Brake & Air Line Thread Sealant

Seals and locks.
Low strength.

Part No.	Qty	Size
VC945	1	50ml Bottle

High Density PTFE Gas Tape

Manufactured to EN 751-3 GRp, BS 6920.
WRAS approved.

- **33% thicker than standard PTFE tape.**
- **Developed especially for the gas industry.**
- **Suitable for use on all common gases and liquids.**

Part No.	Pack of	Width x Length
GLU51	10 Rolls	12 mm x 5 m

PTFE Thread Sealing Tape

BS 4375. 751-3:1997.
Supplied on a plastic spool.

- **For use on all materials: Steel, Alloy, Plastic, Copper and Ceramics.**

Part No.	Pack of	Width x Length
GLU5	10 Rolls	12 mm x 12 m

SAS

S·A·S Exhaust Assembly Paste

Eases exhaust assembly and seals all joints.

- **Silicone free.**

Part No.	Pack of	Size
SAS210/6	6	500g Cartridges
SAS210/12	12	500g Cartridges

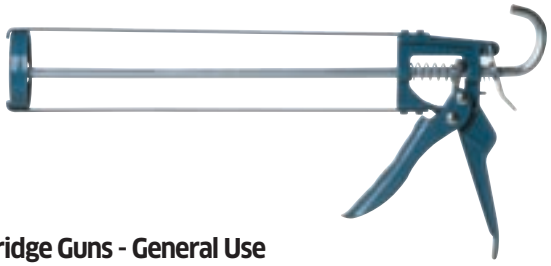
SAS

S·A·S Exhaust Repair Putty

Specially designed for the lubrication and assembly of exhaust systems. Asbestos free and formulated to withstand pressures and temperatures commonly found in vehicle exhaust systems.

- **Temperature range: Up to 1,000°C.**

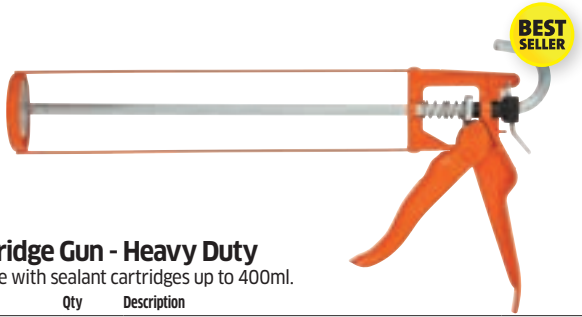
Part No.	Qty	Size
SAS220	1	250g Tub
SAS220/12	Box of 12	250g Tubs



Cartridge Guns - General Use

For use with sealant cartridges up to 400ml.

Part No.	Pack of	Description
TL921	2	General Use Gun



Cartridge Gun - Heavy Duty

For use with sealant cartridges up to 400ml.

Part No.	Qty	Description
TL885	1	Heavy Duty Gun

Holts

HOLTS 'Firegum®'

Eases exhaust assembly and seals all joints. Specially formulated for the assembly of all exhaust systems as well as flues and boiler pipes.

- **100% carbon monoxide proof.**
- **Withstands temperatures of up to 1000°C.**

Part No.	Pack of	Size
VC215	12	75g Tubes

Holts

HOLTS 'Gun Gum®' Silencer Repair Paste

Quick, simple and easy to use.
Repairs holes in silencers with a gas tight seal.
The hotter it gets the harder it gets!

Part No.	Pack of	Size
VC216	12	200g Tins

HYLOMAR

HYLOMAR 'EAP5' Exhaust Assembly Paste

For efficient leak-proof exhaust systems.

- **Asbestos free.**
- **Withstands 1000°C.**
- **Smooth texture for easy working.**

Part No.	Pack of	Size
VC211	12	140g Tubes

HYLOMAR

HYLOMAR 'ERP2' Exhaust Repair Putty

For efficient leak-proof repairs.

- **Asbestos free.**
- **Withstands 1000°C.**
- **Smooth texture for easy working.**

Part No.	Pack of	Size
VC212	12	250g Tubs

352

355

357

358

361

363

Hygiene + Safety

352 Hand Care
358 Hand Wipes
360 Janitorial
365 Vacuum Spares
368 Liquid Handling
374 Spillage Control
378 First Aid
379 Fire Safety
380 Safety Signage
390 Disposable Gloves
392 Gloves
395 Head Protection
396 Eye Protection
398 Respiratory Protection
400 Hearing Protection
402 Safety Clothing
404 Safety Boots + Footwear
406 Safety At Height

365

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ROZALEX®

ROZALEX 'Medsan' Sanitising Cream

An alcohol free hand sanitiser lotion which also moisturises and acts as a light duty barrier cream. Chlorhexidine based for broad and safe bug killing properties. Once applied the quick drying, non greasy formula keeps killing bugs for up to 2 hours making ideal for use with food preparation or healthcare.

- **Hand Sanitiser & Moisturiser**
- **Alcohol FREE**
- **Works For 2 Hours After Application**
- **Non-Greasy**

Part No.	Qty	Size
RZ1001	1	250ml Dispenser Bottle

ROZALEX®

ROZALEX 'Rozsan' Sanitising Gel

High quality BS-EN approved hand sanitiser. Suitable for use in hospitals, nursing homes, schools and food preparation applications. Certified for use against MRSA, eColi, c-Diff, Listeria and Salmonella.

- **BS-EN approved high quality alcohol gel**
- **Better quality alcohol gives improved skin feel after use**
- **Can be used in Food preparation and Healthcare applications**
- **Quick drying**

Part No.	Qty	Size
RZ1002	1	500ml Dispenser Bottle

SAS

S·A·S Hand Sanitiser Gel

Waterless alcohol base gel.

- **Non-irritant formulation**
- **Kills 99.9% of bacteria**

Part No.	Qty	Size
SAS530	1	500ml Dispenser Bottle

ROZALEX®

ROZALEX 'Xworx®' Reconditioning Cream

A quality reconditioning cream that enables the skin to re-hydrate & replenish natural oils lost during the day.

- **Non-coloured, non-perfumed & non-greasy**
- **Prevents dry and cracked skin - a key cause of dermatitis**
- **Especially suitable for sensitive skin**
- **Keeps hands supple and flexible for safer and more efficient handling of tools and machinery**

Part No.	Qty	Size
RZ3004	1	450ml Tub

ROZALEX®

ROZALEX 'Dri-Guard®' Barrier Cream

General purpose dry work barrier cream. Designed to give protection against everyday materials such as mineral oils, solvents, dust, grease, factory grime, cement and dry work in industry.

- **Contains lanolin derivative**
- **Gives protection against solvent and oil based contaminants**
- **Facilitates soil removal from skin**

Part No.	Qty	Size
RZ1004	1	450ml Tub
RZ1005	1	5 Ltr Bucket

ROZALEX®

ROZALEX 'Wet-Guard®' Barrier Cream

A general purpose wet work barrier cream. Designed to give protection against everyday materials such as neat and soluble cutting oils, dilute alkali and acids, detergents, coolants, wet cements and other water/oil based materials in industry.

- **Water repellent**
- **Gives protection against water based materials and contaminants**
- **Can be used as a general purpose barrier cream**
- **Suitable for use under gloves**

Part No.	Qty	Size
RZ1104	1	450ml Tub

SAS

S·A·S Barrier Cream

An essential pre-work tool in preventing irritating skin conditions and infections, its powerful non-greasy action protects the skin against paints, resins, epoxies, inks and tars.

Part No.	Pack of	Size
SAS500	4	1 Litre Bottles

ROZALEX®

ZALPON 'Zing' Citrus Gel Hand Cleaner - Heavy Duty

A 100% solvent free heavy duty gel hand cleaner which features walnut scrub and moisturisers to clean working hands and leave them feeling soft with a unique triple citrus fragrance.

- **Removes: Oil, Grease, Paint & Grime**
- **Heavy Duty Cleaning Action**
- **Includes Walnut Scrub & Moisturisers**

Part No.	Qty	Size
RZ2011	6	1 Litre Dispenser Bottle
RZ2014	4	4 Litre Pump Pack

ROZALEX®

ZALPON 'Zorange' Orange Pumice Gel Hand Cleaner - Extra Heavy Duty

An extra heavy duty hand cleaner for ingrained dirt and oils. Containing natural orange oils, moisturisers, esters and pumice for a deep clean without drying the skin.

- **Extra Heavy Duty Hand Cleaner**
- **Contains Natural Orange Oils**
- **Ideal For Heavily Ingrained Hands**

Part No.	Qty	Size
RZ2001	6	1 Litre Dispenser Bottle
RZ2004	4	4 Litre Pump Pack

Swarfega®

SWARFEGA® 'Heavy' Hand Cleaner - Heavy Duty

Heavy duty gel formula containing non-abrasive natural scrubbing granules and added conditioner to quickly remove deeply ingrained oil and grease soilings and leave the skin feeling smooth after use.

- **Deep cleaning**
- **Added conditioner**
- **Fresh fragrance**

Part No.	Qty	Size
DEB15	1	15 Litre Bucket

Swarfega®

SWARFEGA® 'Orange' Hand Cleanser - Heavy Duty

Advanced formulation, solvent-free heavy duty hand cleanser containing non-abrasive scrubbers for a deep-down cleaning action and moisturiser to help care for the skin. Removes ingrained oil, grease and general grime.

Part No.	Qty	Size
DEB74PP	4	4 Litre Pump Pack
DEB75	1	15 Litre Bucket

DREUMEX

DREUMEX 'Classic' Red Hand Cleansing Gel

Hand cleansing gel for medium soilings such as oil, fats, grease, bitumen and rubber. Contains solvents. Ideal for use in garages, workshops and metalworking industry.

- **Increased cleaning powerbecause of skin friendly Silica micrograins**
- **Skin friendly - Dermatologically tested and approved**

Part No.	Qty	Size
VC706	1	600ml Tub
VC705	1	4.5 Litre Tin
VC715	1	15 Litre Bucket

Antibacterial Hand Soap

A mild yet effective formulation which leaves hands soft and clean and is suitable for regular use.

- **Kills 99.99% of germs**
- **Specially formulated and enriched with moisturiser**
- **Gentle and effective**

Part No.	Qty	Pack Size
VC506	1	485 ml Bottle
VC507	1	5 Litre Container

S·A·S Barrier Cream

An essential pre-work tool in preventing irritating skin conditions and infections, its powerful non-greasy action protects the skin against paints, resins, epoxies, inks and tars.

Part No.	Pack of	Size
SAS500	4	1 Litre Bottles

S·A·S Foam Hand Cleaner

A ready to use high quality, anti-bacterial, foaming hand & skin cleanser.

- Excellent cleaning performance yet gentle on the skin
- Does not contain petroleum or natural solvents
- A water based blend of non-ionic surfactants
- Kills germs and bacteria
- Pleasant fragrance

Part No.	Qty	Size
SAS543	12	600ml Pump Bottle

S·A·S Pink Pearl Hand Cleaner

A ready to use rich lotion hand cleanser designed for general purpose / washroom.

- Can be poured into a 1 Litre Dispenser
- Does not contain petroleum or natural solvents
- A water based blend of non-ionic surfactants
- Excellent cleaning performance yet gentle on the skin
- Pleasant Jasmine fragrance leaves hands smelling fresh & clean

Part No.	Qty	Size
SAS541	6	1 Litre Bottle

S·A·S Industry Gold Hand Cleaner

Engineering grade general purpose, solvent-free clear golden gel hand and skin cleanser with light orange fragrance.

- Can be poured into a 1 Litre Dispenser
- Does not contain petroleum or natural solvents
- A water based blend of natural soaps
- Can be used with or without water
- Excellent cleaning performance yet gentle on the skin
- Pleasant Orange fragrance, leaves hands feeling soft, fresh & clean

Part No.	Qty	Size
SAS542	6	1 Litre Bottle

S·A·S Hand Care - Selection Guide

	Natural Mousse Scrub	Red Tough Grit Gel	Orange Pumice Gel	Citrus Sream Scrub
Fragrance :	Lavender	Industrial	Orange	Citrus
Type :	Mousse	Thick Gel	Light Gel	Cream
Category :	Medium Duty	Heavy Duty	Heavy Duty	Extra Heavy Duty
Sizes :	3 L / 10 L	5 L / 15 L	3 L / 10 L	3 L / 10 L
Effectively Removes :				
Grime	✓✓✓	✓✓✓	✓✓✓	✓✓✓
Grease	✓✓	✓✓✓	✓✓✓	✓✓✓
Ingrained Oil	✓✓	✓✓✓	✓✓✓	✓✓
Paints	✓	✓✓	✓✓	✓✓✓
Inks	✓	✓✓	✓✓	✓✓✓
Dyes	✓	✓✓	✓✓	✓✓✓
Tar / Glue	✓	✓✓	✓✓✓	✓✓✓
Contains :				
Corn Scrub				✓
Pumice		✓	✓	
Wood Flour / Walnut Scrub	✓			

S·A·S Abrasive Hand Wipes

Extra heavy duty textured hand and skin wipes impregnated with an effective cleansing solution.

- Abrasive & smooth sides allow scrubbing & wiping
- Also suitable for cleaning tools
- Non-scratching
- Pleasant orange fragrance leaves hands smelling fresh and clean
- Wipes stay fresh and moist for up to 18 months after opening
- Alcohol content 1-10%

Part No.	Qty	Size
SAS527	1	Bucket of 100 Wipes

S·A·S Non-Abrasive Hand Wipes

BEST SELLER

Heavy duty hand and skin wipes impregnated with an effective cleansing solution.

- Also suitable for cleaning tools
- Non-scratching
- Pleasant orange fragrance leaves hands smelling fresh and clean
- Alcohol content 1-10%

Part No.	Qty	Size
SAS520	1	Bucket of 150 Wipes

S·A·S Red Tough Grit Gel Hand Cleaner - Heavy Duty

A water based blend of non-ionic surfactants, soap and refined petroleum solvent.

- Traditional gel cleanser
- Utilises best quality odourless kerosene
- Natural scrubbing agent pumice provides maximum dirt removal
- Pleasant industrial fragrance
- Non-poly-bead formulation

Part No.	Qty	Size
SAS505	1	5 Litre Bucket
SAS515	1	15 Litre Bucket

S·A·S Natural Mousse Scrub Hand Cleaner - Medium Duty

A medium duty, water based and solvent-free hand cleaner suitable for use on damaged skin. Contains wood flour, walnut scrub and lavender oil for enhanced protection.

- Solvent-free formula - Does not contain petroleum
- Natural scrubs - provides a skin-Friendly scrub to aid dirt removal
- Contains lavender oil - Leaves a pleasant 'fresh and clean' light fragrance
- Suitable for use on damaged skin - Leaving it feeling smooth and cared for

Part No.	Qty	Size
SAS501A	1	3 Litre Tub
SAS501	6	3 Litre Tubs
SAS502	1	3 Litre Pump
SAS503	1	3 Litre Tub Wall Bracket
SAS511	1	10 Litre Container
SAS512	1	10 Litre Pump

S·A·S Orange Pumice Gel Hand Cleaner - Heavy Duty

A ready to use natural solvent based extra heavy-duty hand cleaner with pumice for enhanced skin cleaning.

- A water based blend of natural solvents, surfactants and pumice
- Maximum performance on ingrained oils
- Pumice ensure maximum dirt removal
- Pleasant citrus fragrance leaves hands smelling fresh & clean

Part No.	Qty	Size
SAS506A	1	3 Litre Tub
SAS506	6	3 Litre Tubs
SAS502	1	3 Litre Pump
SAS503	1	3 Litre Tub Wall Bracket
SAS516	1	10 Litre Container
SAS512	1	10 Litre Pump

S·A·S Citrus Cream Scrub Hand Cleaner - Extra Heavy Duty

Extra heavy duty hand cleaner with moisturisers and natural scrubbing agent.

Specifically formulated for the effective removal of:

- Ingrained Oil
- Inks
- Grime
- Dyes
- Grease
- Paints
- Tar

Part No.	Qty	Description
SAS504A	1	3 Litre Tub
SAS504	6	3 Litre Tubs
SAS502	1	3 Litre Pump
SAS503	1	3 Litre Tub Wall Bracket
SAS514	1	10 Litre Container
SAS512	1	10 Litre Pump

SCJohnson PROFESSIONAL
A family company™

DEB Dispenser Units

Suits all DEB (except DEB142) and SWARFEGA cartridges. Supplied empty.

Part No.	Qty	Description	Dimensions (H x W x D)
DEB2	1	2 Litre Dispenser Unit	289 x 162 x 138 mm
DEB4	1	4 Litre Dispenser Unit	348 x 177 x 160 mm

DEB 'Skin Protection Centre' 2 Litre, 4 Litre & 2 x 1 Litre Dispenser Units

Robust lightweight boards containing DEB dispensers to provide effective 3-Step Skin Safety Programme. Dimensions (W x H): 800 mm x 570 mm. Supplied empty.

- **Everything you need for clean healthy skin in the most appropriate location**
- **Easy to install, easy to maintain**
- **Recommended contents: Step 1: 1L = DEB81. Step 2: 2L = DEB112 or DEB32. Step 3: 4L = DEB34, DEB24 or Swarfega DEB74. Step 4: 1L = DEB91.**

Part No.	Qty	Description
DEB6	1	Skin Safety Centre

DEB 'Estesol® Pure' Lotion Hand Cleanser - Light Duty

Light duty lotion hand cleaner - perfume and dye free.

- **Contains glycerin**
- **Skin hypoallergenic**
- **Silicone-free**
- **Ideal for frequent use to remove general workplace dirt and grime**

Part No.	Qty	Description
DEB112	1	2 Litre Cartridge
DEB112C	4	2 Litre Cartridges
DEB114	1	4 Litre Cartridge
DEB114B	4	4 Litre Cartridges

DEB 'Solopol®' Lime Hand Cleanser - Medium Duty

A powerful medium duty cream hand cleaner.

- **Non-abrasive natural cornmeal hand scrub**
- **Contains lime extracts**
- **Removes industrial soiling, oil, grease and general dirt and grime**

Part No.	Qty	Description
DEB32	1	2 Litre Cartridge
DEB32C	4	2 Litre Cartridges
DEB34	1	4 Litre Cartridge
DEB34B	4	4 Litre Cartridges

DEB 'Kresto®' Citrus Hand Cleanser - Heavy Duty

A powerful citrus hand cleaner.

- **Non-abrasive natural cornmeal hand scrub**
- **Contains orange oil**
- **Removes difficult to remove soiling including inks, most adhesives, oil based paints, oil, grease and grime**

Part No.	Qty	Description
DEB22	1	2 Litre Cartridge
DEB22C	4	2 Litre Cartridges
DEB24	1	4 Litre Cartridge
DEB24B	4	4 Litre Cartridges

DEB 'Solopol® GFX™' Foaming Gritty Hand Cleanser - Heavy Duty

Heavy duty gritty power foam hand cleaner with non-abrasive natural scrubbing agents.

- **Lightly fragranced, solvent-free formulation is twice as effective as traditional heavy duty soaps**
- **Efficient foam formula provides over 43% more hand washes compared with traditional hand cleansers**
- **Removes ingrained oil, grease, carbon black & lubricants**

Part No.	Qty	Description	Dimensions (H x W x D)
DEB142	1	3.25 Litre Cartridge	
DEB142B	4	3.25 Litre Cartridges	
DEB3	1	3.25 Litre HD Dispenser Unit	353 x 177 x 173 mm

DEB 'InstantFOAM® Complete' Foaming Hand Sanitiser

Kills 99.999% of many common germs and is fully tested and proven to be bactericidal, virucidal, yeasticidal and mycobactericidal.

- **Quick and easy to apply - No water required**
- **Skin conditioners leave hands feeling soft and smooth**
- **Hypo allergenics minimise the risk of allergic reactions**
- **No gelling agents or polymers that leave a sticky residue on hands**

Part No.	Qty	Size	Dimensions (H x W x D)
DEB201	1	1 Litre Cartridge	
DEB201B	6	1 Litre Cartridges	
DEB200	1	1 Litre Dispenser Unit	235 x 132 x 117 mm

SWARFEGA® 'Orange' Hand Cleanser - Heavy Duty

Advanced formulation, solvent-free heavy duty hand cleanser containing non-abrasive scrubbers for a deep-down cleaning action and moisturiser to help care for the skin. Removes ingrained oil, grease and general grime. Also compatible with DEB Dispenser Unit (Part No. DEB4).

BEST SELLER

- **Added moisturisers**
- **Fresh orange fragrance**
- **Dermatologically tested**
- **Toxicological approval**

Part No.	Qty	Size	Dimensions (H x W x D)
DEB74	1	4 Litre Cartridge	
DEB74B	4	4 Litre Cartridges	
DEB7	1	4 Litre Dispenser Unit	345 x 175 x 150 mm

DEB 'Stokoderm® Protect' General Skin Protection Cream

Extra protection skin cream.

- **Pre-work protective and reconditioning cream**
- **Protects the skin against contact with water and non-water based contaminants**
- **For wet and dry work**

Part No.	Qty	Size	Dimensions (H x W x D)
DEB80A	1	100ml Bottle	
DEB81	1	1 Litre Cartridge	
DEB81B	6	1 Litre Cartridges	
DEB1	1	1 Litre Dispenser Unit	235 x 132 x 117 mm

BEST SELLER

BEST SELLER

SWARFEGA® 'Orange' Hand Cleanser - Heavy Duty

Advanced formulation, solvent-free heavy duty hand cleanser containing non-abrasive scrubbers for a deep-down cleaning action and moisturiser to help care for the skin. Removes ingrained oil, grease and general grime.

Part No.	Qty	Size
DEB74PP	4	4 Litre Pump Pack
DEB75	1	15 Litre Bucket

DEB 'Stokolan® Classic' After-Work Conditioner Cream

Apply at the end of each work period to moisturise skin.

- **A mild, super-hydrating after work conditioning cream**
- **Increases skin moisture by approximately 60%**

Part No.	Qty	Size	Dimensions (H x W x D)
DEB90A	1	100ml Bottle	
DEB91	1	1 Litre Cartridge	
DEB91B	6	1 Litre Cartridges	
DEB5	1	1 Litre Dispenser Unit	235 x 132 x 117 mm

SWARFEGA® 'Heavy' Hand Cleaner - Heavy Duty

Heavy duty gel formula containing non-abrasive natural scrubbing granules and added conditioner to quickly remove deeply ingrained oil and grease soilings and leave the skin feeling smooth after use.

- **Deep cleaning**
- **Added conditioner**
- **Fresh fragrance**

Part No.	Qty	Size
DEB15	1	15 Litre Bucket

SCRUBS-IN-A-BUCKET Alcohol Free Hand Cleaner Towels

Fast one-step process hand cleaning towels.

- **Does not transfer soil back onto hands**
- **Quickly removes: Dirt, Oil, Tar, Adhesives, Lubricants, Grease, Urethanes, Epoxies, Sealants, Paints, Inks and Dyes**
- **Can also be used on: Tools, Plastics, Painted Surfaces, Work Surfaces, Metals, Vinyls and Equipment**
- **Unique alcohol free formula leaves hands feeling moisturised not dry**

Part No.	Qty	Description
VC534	1	Tub of 72

S·A·S Abrasive Hand Wipes

Extra heavy duty textured hand and skin wipes impregnated with an effective cleansing solution.

- **Abrasive & smooth sides allow scrubbing & wiping**
- **Also suitable for cleaning tools**
- **Non-scratching**
- **Pleasant orange fragrance leaves hands smelling fresh and clean**
- **Wipes stay fresh and moist for up to 18 months after opening**
- **Alcohol content 1-10%**

Part No.	Qty	Size
SAS527	1	Bucket of 100 Wipes

GRIME-EEZ® Multi-Wipes

Hand wipes for general applications in industrial environments including engineering, printing, mechanics and plumbing. Supplied in a re-sealable tub.

- **Low alcohol based antibacterial cleaning solution**
- **Leaves skin cleansed and dry**
- **Wipes will last 18 months if tub is kept resealed**
- **No need for water**
- **Alcohol content 1-10%**

Part No.	Qty	Description
VC530	1	Tub of 150 Wipes

S·A·S Non-Abrasive Hand Wipes

Heavy duty hand and skin wipes impregnated with an effective cleansing solution.

- **Also suitable for cleaning tools**
- **Non-scratching**
- **Pleasant orange fragrance leaves hands smelling fresh and clean**
- **Alcohol content 1-10%**

Part No.	Qty	Size
SAS520	1	Bucket of 150 Wipes

BIG WIPES 'Multi-Purpose' Super Tough Absorbent Wipes

Cleans paint (oil, water and hammer finish), adhesives (including adhesive and tape deposits), silicone, epoxy, PU foam, oil grease from hands, tools and surfaces.

- **Alcohol content 0.1-1.0%**

Part No.	Qty	Size
VC2010	1	80 Wipe Tub

BIG WIPES 'The Cage' Wall Bracket

Ideal for storing BIG WIPES on a van or in a workshop. Suits Part No.'s VC2010, VC2020 and VC2440.

Part No.	Qty	Size
VC2421	1	Wall Bracket

BIG WIPES 'Heavy-Duty ' Textured, Scrub & Clean Wipes

Dual sided wipes designed for scrubbing and cleaning. Cleans paint, adhesive, oil and more from hands, tools & surfaces.

- **Alcohol content 0.1-1.0%**

Part No.	Qty	Size
VC2020	1	80 Wipe Tub

BIO DEGRADABLE

BIG WIPES 'Multi-Surface' Super Absorbent Bio Wipes

The biodegradable alternative for water based products and general dirt. Dermatologically tested and assessed to the latest EU regulations 1223/2009 - ZERO levels of skin irritation recorded. Unique formula cleans paint (oil, water and hammer finish), adhesives (including adhesive and tape deposits), silicone, epoxy, PU foam, oil grease from hands, tools and surfaces.

- **All natural plant-based viscose fabric and unique 4X4 formula are 100% biodegradable**
- **Water-based formula offers >99% antibacterial protection**
- **Alcohol content 0.1-1.0%**

Part No.	Qty	Size
VC2440	1	80 Wipe Tub

ULTRAGRIME PRO 'Multiuse' Clothwipes

Super-size performance alcohol-free low foaming wipes for hands, tools walls and all surfaces.

- **Removes oil, grease, ink, paint, silicone and uncured PU foam**
- **100 super-size wipes**
- **Stay wet for over an hour!**
- **Skin safe! - Dermatologically tested**
- **Super-soft, strong and absorbent**
- **Contains Vitamin E and Aloe extract**
- **Contains antibacterial agent**

Part No.	Qty	Pack Size	Wipe Size
VC121	1	Pack of 100	38 cm x 25 cm

ULTRAGRIME PRO 'Multiuse BIO' Biodegradable Clothwipes

Super-size performance alcohol-free low foaming wipes for hands, tools, walls and all surfaces. 100% biodegradable to EN14046.

- **Removes oil, grease, ink, paint, silicone and uncured PU foam**
- **100 super-size wipes**
- **Stay wet for over an hour!**
- **Skin Safe! - Dermatologically tested**
- **Super-soft, strong and absorbent**
- **Contains Vitamin E and Aloe extract**
- **Contains antibacterial agent**

Part No.	Qty	Pack Size	Wipe Size
VC124	1	Pack of 100	38 cm x 25 cm

ULTRAGRIME PRO 'Anti-Bac' Clothwipes

Conforms to EN 1276, EN 13727 and EN 14476 standards. Bactericidal and virucidal wipe with a 60 second kill rate on viruses. Kills enveloped viruses including Coronaviruses and SARS Cov-2 which is the virus which causes Covid-19.

- **100 super-size wipes**
- **Kills 99.999% of germs in 30 seconds**
- **Stay wet for over an hour!**
- **Can be used on any surface**
- **Dermatologically tested – safe on hands**

Part No.	Qty	Pack Size	Wipe Size
VC126	1	Pack of 100	38 cm x 25 cm

ULTRAGRIME PRO 'Power Scrub' Clothwipes

Ultra-strong cloth fabric has a rough abrasive side and a powerful grease-busting cleaning agent.

- **80 super-size wipes**
- **Dermatologically tested - safe on skin**
- **Stays wet and useable for over an hour**
- **Removes grease, paint, silicone, uncured PU foam, and adhesives**
- **Alcohol-free with vitamin E and aloe extract formula**
- **Safe for all surfaces**
- **Large absorbency capacity**
- **3-in-1 action: lifts, cleans and protects**

Part No.	Qty	Pack Size	Wipe Size
VC127	1	Pack of 80	38 cm x 25 cm

GRIMEX Alcohol Free Hand Cleaning Wipes

Individual hand cleaners. No mess, no waste, no water necessary. Cleans hands of: Oil, Grease, Ground in dirt, Inks, Paints and Tars where no water is available. Re-sealable dispenser pack.

Part No.	Qty	Description
VC519	1	Dispenser Pack of 100

UNIWIPE 'Clinical' Sanitiser & Cleaner Wipes

Fragrance & alcohol-free clinical sanitiser and cleaner. Sanitising efficacy EN1276 and EN13727. Highly effective cleaning wipes with outstanding microbiocidal performance. Effective against bacteria, fungi and viruses.

- **Kills Norovirus, MRSA and H1N1**
- **Safe and suitable for all surfaces**
- **Grippy and absorbent**
- **Harmless and hand safe**
- **Trusted in healthcare organisations**
- **Dual action cleaner and sanitiser**
- **Very low foaming**

Part No.	Qty	Pack Size	Wipe Size
VC122	1	Pack of 100	38 cm x 25 cm
VC125	1	Pack of 200	20 cm x 20 cm

NILCO 'H1' Professional Antibacterial Cleaner and Sanitiser

NSF Registration Number 141336.
Complies with BS EN 1276. A neutral solvent based aqueous bactericidal and virucidal anti-static cleaner.

- **Effective against a wide range of bacteria and moulds**
- **Leaves surfaces hygienically clean**
- **Fast drying, ideal for kitchen surfaces**
- **Safe for use on: Food preparation areas, work surfaces, stainless steel, ceramic tiles, walls and other hard non-porous surfaces**

Part No.	Qty	Pack Size
NIL15	1	5 Litre Container

CLINELL Alcohol Free Universal Sanitising Wipes

Tested to European Standard EN1276 and prEN 12054.
Proven to kill 99.999% of germs making them one of the most effective sanitising wipes on the market. Supplied in a durable resealable pack.

- **Clinically proven to kill superbugs - NHS approved**
- **Wipes for cleaning and disinfecting surfaces and equipment**
- **No damage to surfaces**

Part No.	Qty	Size
WS140	1	40 Wipes Pack
WS120	1	200 Wipes Pack

JEYES FLUID Multi-Purpose Disinfectant for Outdoor Use

Strong disinfectant for drains, dustbins, etc.

- **Removes fungi, algae, moss and lichen from paths, fences, walls etc.**

Part No.	Qty	Size
JEY5	1	5 Litres

NILCO Citrus Urinal Blocks

Deodorant urinal blocks with a powerful, persistent perfume.

Part No.	Qty	Size
NIL618	1	3 kg Tub

NILCO Bactericidal Washing Up Liquid

Dilute 1:80 with water to ensure effective cleaning.

- **Contains a broad spectrum biocide**

Part No.	Qty	Size
NIL630	1	5 Litre Container

S·A·S Heavy Duty Surface Degreaser

Suitable for use in power wash and hand pump wash dispensers.
Can also be used for hand application.

- **Suitable for use on engines and chassis.**
- **Water-based and non-flammable - Suitable for petrol station forecourts.**
- **Economical formula - can be diluted**
- **Silicone FREE formula.**

Part No.	Qty	Size
SAS1059	1	5 Litre Container

Antiviral Disinfectant

This powerful formulation kills a range of pathogenic viruses in under 5 minutes and is suitable for use on most non-porous surfaces. When used as directed, leaves treated surfaces safe for human contact.

- **Effective against Coronavirus**
- **Kills 99.99% of germs and viruses**
- **Cleans and disinfects**
- **Ready to use**

Part No.	Qty	Pack Size
VC508	1	750 ml Trigger Spray
VC509	1	5 Litre Container

S·A·S Citrus Fragrance All Purpose Cleaner

Supplied in a stackable UN container.
Soiling dilution ratio: Very heavy use neat, Heavy 10:1, Medium 50:1, Light 100:1.

- **Non Harmful Formulation - Safe to use on virtually any substrate, cleans all hard surfaces including floors, walls, desks & washrooms**
- **Alloy Wheel Safe Formula - Perfect for cleaning vehicles inside and out, including highly polished and anodized aluminium alloy wheels**
- **Alcohol FREE formula**

Part No.	Qty	Size
SAS2010	1	5 Litre Container

Spray Cleaner with Bactericide

A liquid cleaner with a powerful bactericide which provides quick, easy cleaning and sanitising for all food preparation surfaces, microwaves, chopping boards, fridges and freezers.

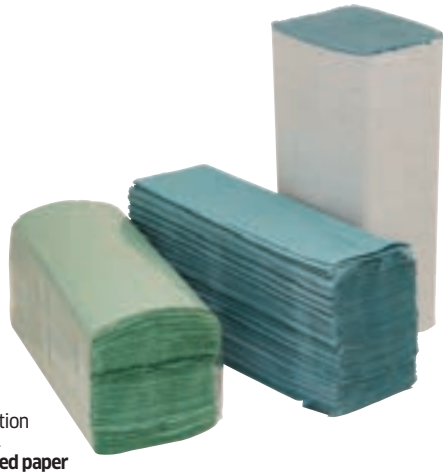
- **An effective hard surface cleaner and sanitiser capable of removing a wide variety of ingrained and greasy soiling**
- **Anti-microbial activity: effective against both gram negative and gram positive bacteria**
- **Tested under BSEN1276 and BSEN13697 and found to kill 99.99% of germs within 30 seconds**

Part No.	Qty	Pack Size
VC511	1	750 ml Trigger Spray
VC512	1	5 Litre Container

Blue Paper Wipes - Small Rolls

190 mm 2-ply sheets. 150 m rolls.
Rolls can be centre fed for use with Dispenser Unit.

Part No.	Pack of	Description
VC529	6 Rolls	Small Blue Rolls
VC559	1	Dispenser Unit



Paper Towels

Paper towels help prevent cross contamination through minimal contact.

- **Made from 100% recycled paper**
- **Wall Dispensers also available**

Part No.	Pack Qty	Size W x L	Colour	Type
WB41	250	240 x 235 mm	Blue	Z-Fold
WB42	240	240 x 235 mm	Blue	V-Fold
WB43	240	230 x 310 mm	Green	C-Fold
WB40	1	Dispenser Unit		

Blue Paper Wipes - Large Rolls

280 mm 2-ply sheets. 400 m roll.

Part No.	Pack of	Description
VC537	2 Rolls	Large Blue Rolls
VC526	1	Floor Stand

Nail Brushes

Part No.	Pack of	Description
WS29	6	Plastic Nail Brushes
WS21	3	Wooden Nail Brushes

White Paper Wipes - Low-Lint Airlaid

240 mm x 130 m rolls.

Part No.	Qty	Description
VC538	2 Rolls	White Paper
VC526	1	Floor Stand

Toilet Rolls

2-ply sheets. Standard size.

Part No.	Pack of	Description
VC524	36 Rolls	Toilet Rolls

Polishing (Mutton) Cloths

100% cotton stockinette.

Part No.	Qty	Size
WC1	1	750g Roll
WC3	1	1 kg Bale of Cut Lengths
WC13	1	2 kg Bale of Precut Lengths

Basic Coloured Industrial Wipes

Durable and re-useable mixture of cotton-rich material, ideal for heavy industrial cleaning where a cost-effective solution is required.
NOT recommended for polishing.

Part No.	Qty	Size
VC667	1	10 kg Bag

General Purpose Industrial Wipes

Absorbent, durable and re-useable 'Rags-in-a-Bag'.

Part No.	Qty	Size
VC669	1	10 kg Bag

Standard White Industrial Wipes

Absorbent, durable and re-useable mixture of cotton-rich material 'Rags-in-a-Bag'.

Part No.	Qty	Size
VC668	1	10 kg Bag

Dustbin & Lid

Galvanised steel.

Part No.	Qty	Capacity
WB73	1	90 Litres

50L Swing Bin

Made from tough easy to clean polyproylene.
Lift off lid for easy cleaning.
Can be used with or without refuse sacks.

Part No.	Qty	Capacity
WB113	1	50 Litres

Bin Bags

White.

Part No.	Pack Qty	Size
WB71	1,000	380 x 600 x 600 mm

Polythene Sacks

For storage or refuse.

Part No.	Pack of	Dimensions	
BAG14	50	89 x 56 cm	(35" x 22")

Refuse Sacks/Liners

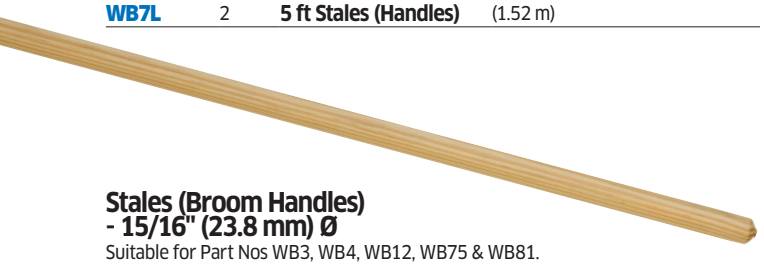
For general refuse.

Part No.	Pack of	Description
BAG17	100	Refuse Sacks/Liners

Stales (Broom Handles) - 1 1/8" (28.7 mm) Ø

Suitable for Part Nos WB5, WB9 & WB11.

Part No.	Pack of	Length	
WB7L	2	**5 ft Stales (Handles)**	(1.52 m)



Stales (Broom Handles) - 15/16" (23.8 mm) Ø

Suitable for Part Nos WB3, WB4, WB12, WB75 & WB81.

Part No.	Pack of	Length	
WB6	2	**4 ft Stales (Handles)**	(1.22 m)
WB6L	2	**5 ft Stales (Handles)**	(1.52 m)

Yard Broom Heads - Stiff Bass

For use with 15/16" Ø handle.

Part No.	Pack of	Width		Suits Stale Part No.
WB4	2	**13"**	(33 cm)	WB6/WB6L

Broom Heads - Soft Natural Coco

Part No.	Pack of	Width		Suits Stale Part No.
WB3	4	**12"**	(30 cm)	WB6/WB6L
WB9	2	**18"**	(46 cm)	WB7L
WB5	2	**24"**	(61 cm)	WB7L

Metal Stays for Brooms

Suitable for Part No.s WB4, WB5 & WB9.

Part No.	Pack of	Description
WB8	2	**Metal Stays**

Broom Head - Soft PVC Bristles

For use with 15/16" Ø handle.

Part No.	Qty	Width	Hole Size	Suits Stale Part No.
WB75	1	**275 mm (11")**	15/16"	WB6/WB6L

Hand Brushes - Medium Bristles

Part No.	Pack of	Description
WB14	2	**Hand Brushes**

Dust Pan - Metal

Part No.	Qty	Description
WB15	1	**Metal Dust Pan**

Dustpan & Brush

Plastic.

- **Soft nylon bristles**

Part No.	Qty	Description
WB72	2 Piece Set	**Dustpan & Brush**

Looking for Mops & Buckets?

Our floor cleaning range continus overleaf

Stales (Broom Handles) - 15/16" (23.8 mm) Ø

Suitable for Part Nos WB3, WB4, WB12, WB75 & WB81.

Part No.	Pack of	Length	
WB6	2	4 ft Stales (Handles)	(1.22 m)
WB6L	2	5 ft Stales (Handles)	(1.52 m)

Kentucky Mop System

Durable mop head suitable for wood, laminate and other floor surfaces.

Part No.	Qty	Description
WB76	1	Aluminium Screw Fit Handle - 1.37m
WB77	1	Plastic Mop Screw Fitting
WB78	1	Kentucky Mop Head - 454g

Light Duty Zinc Fitted Rubber Squeegee

Zinc plated metal frame.
Fitted 100% double mousse blade. For use with 15/16" Ø handle.

Part No.	Qty	Length	Suits Stale Part No.
WB12	1	450 mm	WB6/WB6L

14L Plastic Mop Bucket

Made from durable and robust plastic.
Graduation marked. Complete with large wringer.

Part No.	Qty	Description
WB80	1	Mop Bucket

Mop Head - String 16 oz

For use with 15/16" Ø handle.

Part No.	Qty	Description	Suits Stale Part No.
WB81	1	Mop Head	WB6/WB6L

20L Kentucky Mop Bucket On Wheels

Mop bucket with wringer. On wheels for easy manoeuvrability.

Part No.	Qty	Description
WB79	1	Mop Bucket On Wheels

Mop Bucket - Metal

Galvanised. Complete with wringing cone.

Part No.	Qty	Description
JUG11	1	Mop Bucket

Caution Wet Floor Sign

A-frame style foldable "Caution Wet Floor/Cleaning In Progress" sign.

Part No.	Qty	Description
WB112	1	Wet Floor Sign

Dry Vacuum Kit - 32 mm

Suits Numatic Henry type vacuums.

Part No.	Qty	Diameter
VAC11	1	32 mm

Kit contains:1 x Pedal Floor Tool (VAC9) ,2.5 m Hose Kit (VAC14), Chrome Bend (VAC16). 2 x Chrome Straights (VAC18).

Vacuum Straight

Part No.	Qty	Diameter x Length	Material
VAC18	1	32 mm x 500 mm	Chrome

Vacuum Bend

Part No.	Qty	Diameter	Material
VAC16	1	32 mm	Chrome

Vacuum Bags

Suits Numatic Henry type vacuums.

Part No.	Pack of	Description	Type
VAC71	10	1 Motor Type	1B
VAC70	10	1 Motor - HEPA-FLO	

Vacuum Filters & Seals

Suits Numatic Henry type vacuums.

Part No.	Qty	Size
VAC50	1	12" Filter Dry
VAC51	1	12" Seal

Soft Round Dusting Brush

Brush diameter: 65 mm.

Part No.	Qty	Diameter
VAC2	1	32 mm

Crevice Tool

Tool length: 240 mm.

Part No.	Qty	Diameter
VAC4	1	32 mm

Upholstery Nozzle

Tool width: 150 mm.

Part No.	Qty	Diameter
VAC8	1	32 mm

Pedal Floor Tool

Tool width: 400 mm.

Part No.	Qty	Diameter
VAC9	1	32 mm

Angled Hose Cuff

Part No.	Qty	Diameter
VAC6	3 Piece Set	32 mm

Machine End Cuff

Part No.	Qty	Diameter
VAC20	2 Piece Set	32 mm

Hose Kit

Complete with Angled Hose Cuffs and Machine Cuffs

Part No.	Qty	Diameter x Hose Length
VAC14	1	32 mm x 2.5 m

Extra Long Hose

Part No.	Qty	Diameter x Hose Length
VAC13	1	32 mm x 15 m

Industrial Dry Vacuum Kit - 38 mm

Suits 2 and 3 motor vacuums.

Part No.	Qty	Diameter
VAC12	1 Kit	38 mm

Kit contains: 1 x All Brush Floor Tool (VAC23), 2.5 m Hose Kit (VAC15), Aluminium Bend (VAC17). 2 x Aluminium Straights (VAC19).

Commercial Wet Vacuum Kit

Suits 2 and 3 motor vacuums.

Part No.	Qty	Diameter
VAC32	1 Kit	38 mm

Kit contains: 1 x Wet Squeegee Floor Tool (VAC30), 2.5 m Hose Kit (VAC15), Aluminium Bend (VAC17). 2 x Aluminium Straights (VAC19).

Round Dusting Brush

Part No.	Qty	Diameter
VAC3	1	38 mm

Crevice Tool

Part No.	Qty	Diameter
VAC5	1	38 mm

All Brush Floor Tool

Tool width: 400 mm.

Part No.	Qty	Diameter
VAC23	1	38 mm

Wet & Dry Dual Floor Tool

Tool width: 400 mm.
Brush front with rear squeegee.

Part No.	Qty	Diameter
VAC24	1	38 mm

Wet Squeegee Floor Tool

Tool width: 400 mm.

Part No.	Qty	Diameter
VAC30	1	38 mm

Angled Hose Cuff

Part No.	Qty	Diameter
VAC7	3 Piece Set	38 mm

Machine End Cuff

Part No.	Qty	Diameter
VAC21	2 Piece Set	38 mm

Hose Kit

Complete with Angled Hose Cuffs and Machine Cuffs

Part No.	Qty	Diameter x Hose Length
VAC15	1	38 mm x 2.5 m

Vacuum Straight

Part No.	Qty	Diameter x Length	Material
VAC19	1	38 mm x 500 mm	Aluminium

Vacuum Bend

Part No.	Qty	Diameter	Material
VAC17	1	38 mm	Aluminium

Commercial Wet & Dry Dual Floor Tool Vacuum Kit

Brush front with rear squeegee. Suits 2 and 3 motor vacuums.

Part No.	Qty	Diameter
VAC34	1 Kit	38 mm

Kit contains: 1 x Wet & Dry Multi-Tool (VAC24), 2.5 m Hose Kit (VAC15), Aluminium Bend (VAC17). 2 x Aluminium Straights (VAC19).

Commercial Wet & Dry Vacuum Kit

Suits 2 and 3 motor vacuums.

Part No.	Qty	Diameter
VAC33	1 Kit	38 mm

Kit contains: 1 x Wet Squeegee Floor Tool (VAC30), All Brush Floor Tool (VAC23), 2.5 m Hose Kit (VAC15), Aluminium Bend (VAC17). 2 x Aluminium Straights (VAC19)

Vacuum Bags

For 2 and 3 motor vacuums.

Part No.	Pack of	Description	Type
VAC72	10	2 Motor Type	3B
VAC73	10	3 Motor Type	4B

Vacuum Filters & Seals

Suits 2 and 3 motor vacuums.

Part No.	Qty	Size
VAC52	1	14" Filter Dry
VAC53	1	14" Seal

Heater & Vacuum On/Off Switches

16(4)A, 250VAC. Panel cut out 'A' style: 27.2 x 22.3 mm.

Part No.	Qty	Switch Colour
EC13	1	Black
EC14	1	Illuminated Red

Wet Ball Float Assembly

Suits 2 and 3 motor vacuums.

Part No.	Qty	Description
VAC42	1	Wet Ball Float Assembly

Vacuum Castors

Suits 2 and 3 motor vacuums.

Part No.	Pack of	Description	Fitting
VAC62	1	3" Swivel	Female
VAC64	1	3" Braked	Female
VAC63	4	3" Swivel	Male

Push & Twist Fit Wet & Dry Dual Floor Tool Vacuum Kit

Suits KÄRCHER NT type vacuums.

Part No.	Qty	Size
VAC100	1 Kit	38 mm

38 mm Kit contains: 1 x Wet & Dry Multi Tool, 2.5 m Hose Kit, Crevice Tool, Aluminium Bend, 2 x Aluminium Straights x 500 mm.

Cassette Hose Reel

15 m non-kink hose with fitted tap connector and spray nozzle. Supplied on an easy wind storage cassette.

Part No.	Qty	Description
TUB60	1	Cassette Hose Reel

Pails (Buckets)

Black heavy duty polythene. Graduated with pouring lip and handle.

Part No.	Pack of	Capacity	
JUG8	5	14 Litre	(3 Gallon)

Multi-Purpose Drain Pan

Polyethylene with raised platform for cleaning parts, etc. Diameter x Height: 40 cm (16") x 10.2 cm (4").

Part No.	Qty	Capacity
JUG12	1	6 Litre

Oil/Fluid Drain Pans

Complete with pouring spout and steadying handle.

Part No.	Qty	Capacity
JUG16	1	7.6 Litre
JUG17	1	14 Litre

Watering Can

Polythene.

Part No.	Qty	Capacity
JUG6	1	6.5 Litre

Watering Can

Polythene.

Part No.	Qty	Capacity
JUG10	1	10 Litre

Fuel Cans

Plastic. Conforms to the Petroleum-spirit (plastic Containers) Regulations 1982 SI1982/630.

- **Colour coded for safe identification of fuels.**
- **c/w easy to use flexible pouring spouts.**

Part No.	Qty	Capacity	Colour	Suits
CAN105	1	5 Litre	Green	Petrol
CAN110	1	10 Litre	Black	Diesel

Steel Jerry Can

Conforms with UN Certification and UK HSE regulations. Manufactured from 0.8 mm steel. Safety pin included.

- **Robust construction for strength and long lasting performance**
- **Powder coated internally and external for a tough and durable finish**

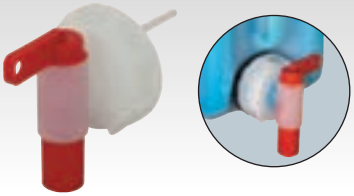
Part No.	Qty	Capacity	Colour	Size (H x D x W)
CAN305	1	5 Litre	Khaki Green	24 x 12 x 31 cm
CAN310	1	10 Litre	Khaki Green	30 x 13 x 41 cm
CAN320	1	20 Litre	Khaki Green	36 x 17 x 47 cm

Steel Jerry Can Spout

Manufactured from 0.8 mm steel. Designed to fit snugly onto the 5, 10 and 20 Litre Jerry Cans.

- **Powder coated internally and external for a tough and durable finish**
- **Makes pouring easier**

Part No.	Qty	Description
CAN24	1	Pouring Spout



S·A·S 5 Litre Dispenser Tap

Suits all S·A·S 5 Litre UN containers.

Part No.	Qty	Thread Size
SAS2000T	1	51 mm

Drum Tap

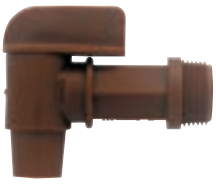
Manufactured from PE, PP and LDPE. Suitable for use with blow moulded containers with DIN 60 neck finish (HDPE/PP).

Part No.	Qty	Thread Size	Suits Part No.
SAS62T	1	61 mm	SAS62

Die Cast Zinc Drum Tap - Lockable

NOT suitable for diesel.

Part No.	Qty	Thread Size
CAN21	1	3/4" BSP



Drum Tap - Polyethylene

Part No.	Pack of	Thread Size
VC99	3	3/4" BSP

Drum Tap - Polypropylene

Lockable. Suitable for diesel and anti-freeze.

Part No.	Qty	Thread Size
CAN22	1	3/4" BSP

Drum Tap - Solid Brass

Lockable.

Part No.	Qty	Description
CAN23	1	3/4" BSP

Drum Tap - Self Closing All Metal

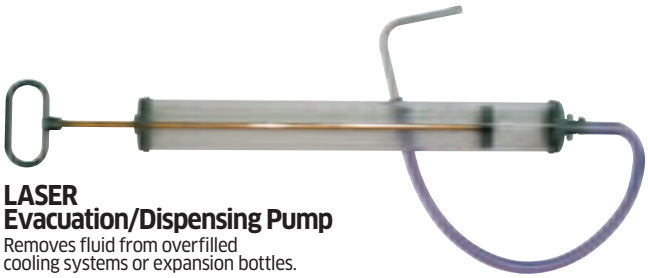
Zinc alloy. Lockable.

Part No.	Qty	Thread Size
CAN20	1	3/4" BSP

Oil Suction Guns

Supplied with 400 mm hose.

Part No.	Qty	Capacity
CAN16	1	500 cc
CAN11	1	800 cc
CAN18	1	1000 cc



LASER Evacuation/Dispensing Pump

Removes fluid from overfilled cooling systems or expansion bottles.

- **Metric and imperial measures.**
- **Polycarbonate tube with aluminium cap and handle.**

Part No.	Qty	Capacity
TL7400	1	1 Litre

Hand Operated Oil Suction Pump

Supplied with 3 extension tubes. NOT suitable for Petrol or Diesel.

- **Ideal for extracting* or changing engine oils or lubricants in plant, vehicles, motorbikes, etc. As well as non lubricants such as water from tanks.**
  *** Extracts fluids ONLY.**

Part No.	Qty	Capacity
CAN30	1	6.5 Litres

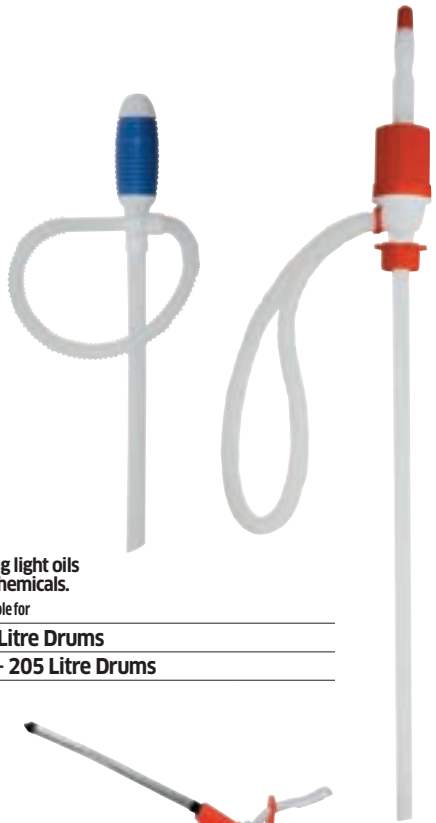
Lever Operated Barrel Pump

Supplied with a 2" BSP and Tri-sure adaptor.
Includes telescopic riser tube and 2 metre hose.
Polypropylene body. Viton seals. 500cc flow rate (per stroke).
Size: 1 m x 260 mm. NOT suitable for products containing Toluene.

Suitable for use with:

- **Water based liquids**
- **Solvents**
- **Screenwash**
- **AdBlue® Solution**
- **Thinners**
- **Antifreeze**
- **Light oils**

Part No.	Qty	Suitable for
CAN50	1	50 - 205 Litre Drums



Syphon Pumps

Flexible hose. 2" BSP.

- **Suitable for dispensing light oils and non-aggressive chemicals.**

Part No.	Qty	Suitable for
CAN25	1	25 Litre Drums
CAN60	1	60 - 205 Litre Drums

Metal Oil Can

Seamless steel body with polythene pump and rigid metal spout.

Part No.	Qty	Capacity
CAN2	1	500ml

Oil Can

Polypropylene body with flexible spout.

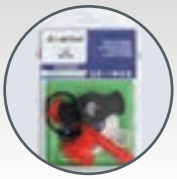
Part No.	Qty	Capacity
CAN1	1	500ml

ALTA Foam Pressure Sprayer

Contains FPM VITON® (FKM) seals. Special lance produces a rich foam to help dissolve/degrease dirt. Suitable for use with S·A·S Snow Foam (Part No. SAS2017).

- **High foaming action spray**

Part No.	Qty	Working Capacity
CAN27	1	1.8 Litre



ALTA Detergent (TFR) Pressure Sprayer

Contains EPDM seals.

- **Suitable for use with Glycol, Detergents (TFR), Mild Acids, Hydraulic Oils and Solvents containing Acetone.**

Part No.	Qty	Capacity
CAN14	1	1.8 Litre
CAN14K	1 Kit	EPDM Seal/Repair Kit

ALTA Foam Pressure Sprayer

Contains FPM VITON® (FKM) seals. Supplied with 3 x interchangeable nozzles to adjust the foam thickness. Suitable for use with S·A·S Snow Foam (Part No. SAS2017.

- **High foaming action spray**
- **Lance with 120 cm long hose**

Part No.	Qty	Working Capacity
CAN28	1	6.0 Litre

ALTA Solvent Pressure Sprayer

Contains FPM VITON® (FKM) seals.

- **Suitable for use with Oils, Lubricants, Petrol, Solvents and Scale-Removers.**
- **Can only be used with Acetone FREE Brake Cleaner.**

Part No.	Qty	Capacity	Suits Part No.s
CAN19	1	1.3 Litre	
CAN13	1	1.8 Litre	
CAN13K	1 Kit	FPM VITON® Seal/Repair Kit	CAN13, CAN19

Solvent Sprayer

FKM seal.

Part No.	Qty	Capacity
CAN7	1	1 Litre

Solvent Pressure Sprayers

Polyamid pump with FKM seals. Polyethylene container.

Part No.	Qty	Capacity	Suits Part No.s
CAN12	1	1 Litre	
CAN15	1	1.5 Litre	
CAN12K	1 Kit	Replacement FKM Seal Kit	CAN12, CAN15

PRESSOL

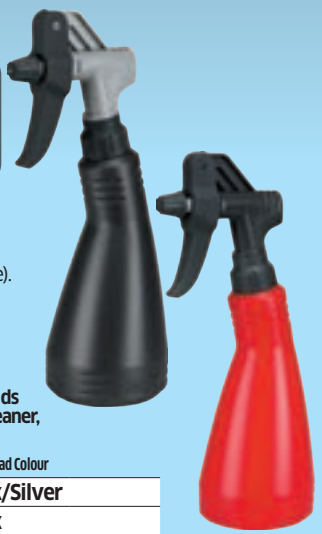
PRESSOL Chemical Sprayers

Heavy duty polyethylene.

- **Suitable for use with cleaning fluids, lubricants and penetrating agents.**
- **Fully adjustable nozzle allows operator to pre-set the spray.**

Part No.	Qty	Capacity
CAN3A	1	750ml
CAN3	12	750ml

PRESSOL



PRESSOL Industrial Trigger Sprayer - 500 ml

Container: HDPE (high density polyethylene).

- **INOX spring and pressure ball on filtered suction hose allows for unique horizontal application.**
- **Continuous spray action, spray volume per cycle: 1.4 ml.**
- **FKM seals - Suitable for use with thin liquids such as lubricants, Acetone FREE brake cleaner, industrial and automotive cleaners.**

Part No.	Qty	Container Colour	Spray head Colour
CAN55	1	Black	Black/Silver
CAN56	1	Red	Black

ALTA '500' Leak-proof Solvent Sprayer

High-density polyethylene (HDPE) body is resistant to most solvents. Stainless steel springs and ball bearings.

- **100% airtight seal prevents leakage**
- **Leak-proof trigger**
- **Suitable for aggressive chemicals**

Part No.	Qty	Capacity
CAN26	1	500ml

Heavy Duty Adjustable Trigger Sprayer

Polypropylene body.
NOT suitable for use with Brake Cleaners.

- **Fully adjustable nozzle**
- **Suitable for use with general chemicals (i.e. De-Icer, De-Greasers, Maintenance Oils)**

Part No.	Qty	Capacity
CAN8	1	750ml

Measuring Jugs

Polythene with removable spout.

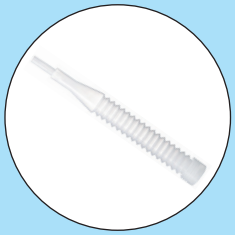
Part No.	Qty	Capacity
JUG21	1	1 Litre
JUG22	1	2 Litre

Measuring Jugs

Complete with lid and removable spout with stopper.

Part No.	Qty	Capacity
JUG31	1	1 Litre
JUG32	1	2 Litre
JUG33	1	5 Litre

PRESSOL



PRESSOL Measuring Jug

High-density polyethylene (HDPE) with protecting cover and discharge spout end-cap.

- **Oil, acid and fuel-resistant**
- **Ergonomic design**
- **Break-proof and stable**

Part No.	Qty	Capacity
JUG24	1	5 Litre
JUG24A	1	Replacement Spout for JUG24

Funnel with Flexible Spout

Polyethylene with removable brass filter.

Part No.	Qty	Diameter	
FUN60	1	160 mm	(6.4")

Funnel with Cranked Spout

Polyethylene with removable brass filter.

Part No.	Qty	Diameter	
FUN50	1	162 mm	(6.4")

Funnel with Flexible Spout

Polythene with removable flexible spout and filter.

Part No.	Qty	Diameter	
FUN1	1	150 mm	(6")
FUN2	1	230 mm	(9")

Measuring Jug

Polythene.

Part No.	Qty	Capacity
JUG3	1	5 Litre

PRESSOL

PRESSOL Funnel with Flexible Spout

Polyethylene with removable brass filter.

Part No.	Qty	Diameter	
FUN6	1	160 mm	(6.4")

PRESSOL

PRESSOL Funnel with Cranked Spout

Polyethylene with removable brass filter.

Part No.	Qty	Diameter	
FUN5	1	162 mm	(6.4")

PRESSOL

PRESSOL Small Funnels Set

Polythene.

Part No.	Qty	Description
FUN7	1 Set	5 Piece Set

5 x Sizes: Ø 60, 80, 100, 120, 140 mm.

Rectangular Funnel

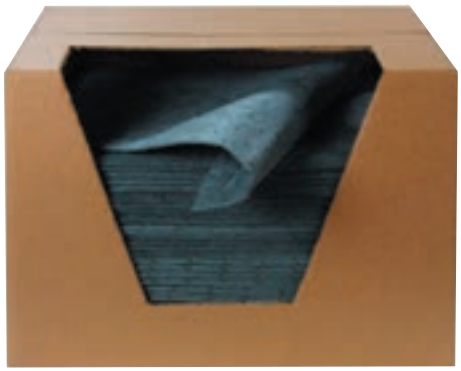
Polyethylene with stainless steel filter.

Part No.	Qty	Length	
FUN3	1	300 mm	(12")

General Purpose Absorbent Pads - Lightweight

Supplied in a dispenser box with carrying handle.

Part No.	Box of	Pad dimensions	Weight
VC670	50 Pads	48 x 43 cm	175 gsm



General Purpose Absorbent Pads - Lightweight

Supplied in a dispenser box with carrying handle.

Part No.	Box of	Pad Dimensions	Weight
VC670B	200 Pads	48 x 43 cm	175 gsm

General Purpose Absorbent Roll - Heavy Duty

Part No.	Qty	Size	Weight
VC672	1 Roll	50 cm x 50 m Roll	350 gsm

Looking for Absorbents?

New range features on Page 376

General Purpose Maintenance Socks

For containment and absorbing spills, and placing around machinery to prevent leaks from spreading causing hazards. Absorbs: 3.5 Litres per sock.

Part No.	Pack of	Size
VC686	2	8 cm x 1.2 m

General Purpose 'Mini' Spill Kit - 9 Litres

Mini spill kit in convenient sealed bag.
Absorbs: 9 Litres.

Part No.	Qty	Description
VC682	1 Kit	7 Piece Kit

Kit contents: 5 x Pads. 1 x Cushion. 1 x Disposal Bag & Tie.

General Purpose Spill Kit - 19 Litres

Quick response kit
designed for smaller spills.
Absorbs: 19 Litres. Weight: 2.5 kg.

Part No.	Qty	Description
VC680	1 Kit	13 Piece Kit

Kit contents:10 x Pads. 2 x Socks: 8 cm x 1.2 m.
1 x Disposal Bag & Tie: (H xW x D) 43 x 52 x 10 cm.

Oil & Fuel Only Absorbent Pads - Lightweight

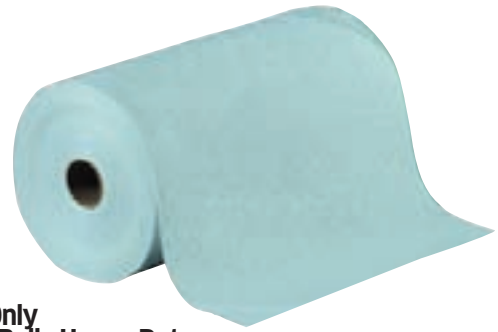
Supplied in a dispenser box with carrying handle.

Part No.	Box of	Pad dimensions	Weight
VC671	50 Pads	50 x 40 cm	175 gsm

Oil & Fuel Only Absorbent Pads - Lightweight

Supplied in a dispenser box with carrying handle.

Part No.	Box of	Pad Dimensions	Weight
VC671B	200 Pads	50 x 40 cm	175 gsm



Oil & Fuel Only Absorbent Roll - Heavy Duty

Part No.	Qty	Size	Weight
VC673	1 Roll	50 cm x 50 m Roll	350 gsm

Looking for more Spillage products?

The range continus overleaf

Oil & Fuel Only Maintenance Socks

Oil only socks, strong tubular knitted outer for extra durability. Absorbs: 3.8 Litres per sock.

Part No.	Pack of	Size
VC687	2	9 cm x 1.2 m

Oil & Fuel Only 'Mini' Spill Kit - 10 Litres

Mini spill kit in convenient sealed bag. Absorbs: 10 Litres.

Part No.	Qty	Description
VC683	1 Kit	7 Piece Kit

Kit contents: 5 x Oil Pads. 1 x Cushion. 1 x Disposal Bag & Tie.

Oil & Fuel Only Spill Kit - 22 Litres

Quick response kit designed for smaller spills.
Suitable for any type of oil and hydrocarbons. Absorbs: 22 Litres.

Part No.	Qty	Description
VC681	1 Kit	13 Piece Kit

Kit contents: 10 x Oil Pads. 2 x Socks: 8 cm x 1.2 m. 1 x Disposal Bag & Tie: (H xW x D) 43 x 52 x 10 cm.

Oil & Fuel Only Spill Response Kit - 20 Litres

Response kit designed for smaller spills.
Suitable for any type of oil and hydrocarbons.
Absorbs: 20 Litres. Supplied in a red PVC holdall c/w carrying/hanging straps.

Part No.	Qty	Description
VC684	1 Kit	**19 Piece Kit**

Kit contents: 12 x Oil Pads. 2 x Oil Socks. 1 x Pair of Gloves 3 x Disposable Bags & Ties. 1 x Red PVC Holdall.

Oil Only Spill Response Kit - 50 Litres

Response kit designed for larger spills. Suitable for any type of oil and hydrocarbons.
Absorbs: 50 Litres. Supplied in a red PVC holdall c/w carrying/hanging straps.

Part No.	Qty	Description
VC685	1 Kit	**44 Piece Kit**

Kit contents: 30 x Oil Pads. 3 x Oil Socks. 3 x Cushions. 1 x Pair of Gloves. 1 x Pair of Goggles. 5 x Disposable Bags & Ties. 1 x Red PVC Holdall.

'Isol8' Organic Absorbent

Multipurpose: cleans up spills, cleans hands and machinery. Absorbs: Lubrication Oil, Hydraulic Oil, All Paints, Petrol, Diesel, Grease, Anti-freeze, Acids, Alkalines, Liquid Fats, Water, Body Fluids.

- **Highly concentrated: Economical, fast acting and space-saving.**
- **Lightweight: safe to carry, easy to pour.**
- **Organic: environmentally friendly, 100% recycled natural material, can be incinerated.**

Part No.	Qty	Size	Weight
VC678	1 Bag	**10 Litre Bag**	1.3 kg
VC678B	5 Bags	**10 Litre Bags**	1.3 kg

'OIL-DRI' Absorbent Floor Granules

Ideal for oil and grease.
Good absorbency. Good resistance to breakdown. White granules.

Part No.	Qty	Size
VC679	1 Bag	**20 Litre Bag**

EVO Recycled

EVO Absorbent Pads

Ideal for companies seeking to reduce their environmental impact.
Can be used in all sectors of industry to absorb hydraulic oil, engine oil, gear oil, lubricating oil, coolant, fuels and mild acids

- **Manufactured from 85% recycled natural fibres**
- **Sustainable**
- **Higher capacity than comparable polypropylene absorbents**
- **Greater fluid retention avoids secondary contamination during clean-up**
- **Cost-effective**
- **Low carbon footprint**
- **Fully recyclable packaging**

Part No.	Qty	Size
VC688	50 Pads	**50 x 40 cm**

EVO Recycled

EVO Wood Fibre Absorbent

Fire retardant recycled wood fibre absorbent. For use on industrial spillages and general clean-up duties. The lightweight loose particulate is easy to handle and absorbs liquids quickly and easily.

- **Leaves surfaces safe, clean and dry**
- **Enviro-friendly (recycled material)**
- **Lightweight product to transport and use**
- **Fireproof**
- **Harmless to humans, animals and plants**

Part No.	Qty	Size
VC689	1 Bag	**30 Litre Bag**

White De-icing Salt

Ideal for clearing snow or ice from areas with high footfall.
Does not contain clay to help reduce the need
for cleaning floors as people enter buildings.

* Ships directly from the supplier

Part No.	Pack Qty	Pack Size	Pallet Weight
RS1	40 Bags	23.5 - 25 kg	1 Tonne

Brown Rock Salt

Ideal for preventing ice and snow on paths or driveways.
Conforms or exceeds BS 3247: 2011 and is the same product
used by councils and highway agencies.

* Ships directly from the supplier

Part No.	Pack Qty	Pack Size	Pallet Weight
RS2	40 Bags	23.5 - 25 kg	1 Tonne

Multi-Purpose Drain Pan

Polyethylene with raised
platform for cleaning parts, etc.
Diameter x Height: 40 cm (16") x 10.2 cm (4").

Part No.	Qty	Capacity
JUG12	1	6 Litre

Oil/Fluid Drain Pans

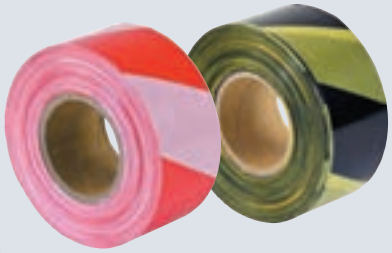
Complete with pouring spout and steadying handle.

Part No.	Qty	Capacity
JUG16	1	7.6 Litre
JUG17	1	14 Litre

Caution Wet Floor Sign

A-frame style foldable
"Caution Wet Floor/Cleaning In Progress" sign.

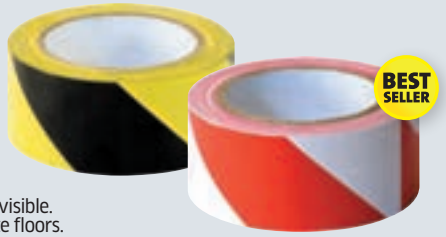
Part No.	Qty	Description
WB112	1	Wet Floor Sign



Hazard Warning Barrier Tape

70 mm x 500 m roll.
NON-adhesive, highly visible.

Part No.	Qty	Colours
TAPE20	1 Roll	Black/Yellow
TAPE21	1 Roll	White/Red



Hazard Warning Adhesive Tapes

50 mm x 33 m roll. Highly visible.
Suitable for use on concrete floors.

Part No.	Qty	Colours
TAPE24	1 Roll	Black/Yellow
TAPE25	1 Roll	White/Red

British Standard Large Workplace First Aid Kit

Fully compliant to BS 8599-1. Supplied in a robust polypropylene storage case.

Part No.	Qty	Description
WS160	1 Kit	91 Piece Kit

Contents: 1 x Guidance Leaflet; 1 x Contents List; 4 x Medium Sterile Dressing; 1 x Large Sterile Dressing; 2 x Triangular Bandage; 6 x Safety Pins; 2 x Sterile Eyepad; 40 x W/Proof Plasters; 20 x Sterile Saline Wipes; 1 x Microporous Tape; 6 x Nitrile Gloves (pairs); 2 x Sterile Finger Dressing; 1 x Resuscitation Face Shield; 1 x Foil Blanket; 1 x Hydrogel Burn Dressing; 1 x Scissor; 1 x Conforming Bandage

British Standard Small Bag First Aid Kit

Fully compliant to BS 8599-1. Supplied in a durable storage bag.

Part No.	Qty	Description
WS165	1 Kit	41 Piece Kit

Contents: 1 x Guidance Leaflet; 1 x Contents List; 1 x Medium Sterile Dressing; 1 x Large Sterile Dressing; 1 x Triangular Bandage; 2 x Safety Pins; 1 x Sterile Eyepad; 10 x W/Proof Plasters; 4 x Sterile Saline Wipes; 1 x Microporous Tape; 1 x Nitrile Gloves (pairs); 1 x Sterile Finger Dressing; 1 x Resuscitation Face Shield; 1 x Foil Blanket; 1 x Sterile Eyewash (500ml); 1 x Hydrogel Burn Dressing; 1 x Scissors; 1 x Conforming Bandage

HSE Small First Aid Kit - Case

Fully HSE compliant.

Part No.	Qty	Description	Suitable for
WS110	1 Kit	47 Piece Kit	1-10 Persons

HSE Small First Aid Kit - Bag

Part No.	Qty	Description	Suitable for
WS105	1 Kit	47 Piece Kit	1-10 Persons

HSE PSV (Public Service Vehicle) First Aid Kit

Part No.	Qty	Description
WS101	1 Kit	32 Piece Kit

Wash-proof Sterostrip Plasters Assortment

Part No.	Qty	Description
WS77	1	Box of 100

Premium Fabric Plasters Assortment

Part No.	Qty	Description
WS76	1	Box of 100

Premier Burn Care Kit

Supplied in a robust polypropylene storage case.

- **The red box makes it highly visible & easy to identify**
- **The kit provides effective and fast treatment for burns, scalds and sunburn**

Part No.	Qty	Description
WS170	1 Kit	**23 Piece Kit**

Contents: 1 x Burnshield burn dressings 20cm x 20cm 2 x Burnshield burn dressings 10cm x 10cm
8 x Burnshield blott sachets 5 x Sterowash 20ml eyewash pods 1 x Crepe bandage - 10cm x 5m
2 x Conforming bandage - 7.5cm x 4m 2 x Vinyl gloves (pair) 1 x Microporous tape 2.5cm x 5m 1 x Scissors (pair)

SLEEPSAFE

SLEEPSAFE Smoke Alarm

Certified to EN 14604:2005.
Photoelectric technology, helps to reduce nuisance alarms.

- **Complete with 9V battery**
- **No mains power required**
- **Easy to install**
- **Reliable, compact and robust**
- **Powerful 85 dB speaker**

Part No.	Qty	Description
DET6	1	**Smoke Alarm**

SLEEPSAFE

SLEEPSAFE 10 Year CO Alarm

Certified to EN50291-1:2010 and EN50291-2:2010.
Features 3 visual LED readouts: Alarm, Fault and Power

- **Complete with 10 Year sealed-for-life battery**
- **No mains power required**
- **Easy to install**
- **Reliable, compact and robust**
- **Powerful 85 dB audible alarm**

Part No.	Qty	Description
DET7	1	**CO Alarm**

RING

RING Fire Extinguishers

Complete with secure mounting bracket.ABC rating for solid, liquid, gas and electrical fires. Weight: 1 kg.

- **Ideal for all automotive, domestic and leisure use.**

Part No.	Qty	Type
FE1	1	**ABC Dry Powder**
FE2	1	**ABC Dry Powder with Gauge**

SLEEPSAFE

SLEEPSAFE CO Detectors

Coloured dot will change colour in the presence of excess Carbon Monoxide.
A small and convenient simple CO detector, ideal for testing heating equipment at work, home or away.
4 month life span once opened. Supplied in a blister pack.

Part No.	Pack of	Description
DET1	2	**CO Detectors**

Eyewash Station

For wall mounting. Complete with mirror.
Contains 2 x 500ml bottles of sterile sodium chloride solution.

Part No.	Qty	Description
WS200	1 Kit	**Eyewash Station**
WS200R	1	**Eyewash Solution 500ml Bottle**

Single Use Eye/ Wound Wash Pods

Part No.	Box of	Size
WS78	25	**25 ml Bottles**

Size: 240 x 360 mm

Part No.	Qty	Type
SSB130	1	Sign
SSA131	1	Sticker

Part No.	Qty	Type
SSB132	1	Sign
SSA133	1	Sticker

Part No.	Qty	Type
SSB134	1	Sign
SSA135	1	Sticker

Part No.	Qty	Type
SSB136	1	Sign
SSA137	1	Sticker

Part No.	Qty	Type
SSB122	1	Sign
SSA123	1	Sticker

Part No.	Qty	Type
SSB124	1	Sign
SSA125	1	Sticker

Part No.	Qty	Type
SSB126	1	Sign
SSA127	1	Sticker

Part No.	Qty	Type
SSB128	1	Sign
SSA129	1	Sticker

Size: 360 x 120 mm

Part No.	Qty	Type
SSB114	1	Sign
SSA115	1	Sticker

Part No.	Qty	Type
SSB106	1	Sign
SSA107	1	Sticker

Part No.	Qty	Type
SSB104	1	Sign
SSA105	1	Sticker

Part No.	Qty	Type
SSB102	1	Sign
SSA103	1	Sticker

Part No.	Qty	Type
SSB112	1	Sign
SSA113	1	Sticker

Part No.	Qty	Type
SSB110	1	Sign
SSA111	1	Sticker

Part No.	Qty	Type
SSB108	1	Sign
SSA109	1	Sticker

Part No.	Qty	Type
SSB116	1	Sign
SSA117	1	Sticker

Part No.	Qty	Type
SSB120	1	Sign
SSA121	1	Sticker

Part No.	Qty	Type
SSB118	1	Sign
SSA119	1	Sticker

Size: 480 x 350 mm

Part No.	Qty	Type
SSB143	1	Sign

Traffic & Prohibitory Signs

These signs are used to warn people of a potential hazard.

Designed to be used in a wide variety of situations, in factories, building sites, farms, estates and warehouses, they can be displayed inside or outside and are fully waterproof.

Traffic signs are ideal for use on private traffic routes, car parks and industrial estates.

Prohibitory signs or "No" signs are generally depicted with a black safety symbol in a red circle with a diagonal cross through.

Signs are manufactured from high quality 3 mm foamex board.

Self adhesive vinyl stickers are fully waterproof conforming to BS ISO EN 7010.

Size: 350 x 480 mm

Part No.	Qty	Type
SSB142	1	Sign

Part No.	Qty	Type
SSB139	1	Sign

Part No.	Qty	Type
SSB141	1	Sign

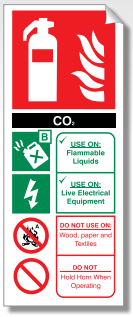
Part No.	Qty	Type
SSB140	1	Sign

Size: 80 x 80 mm

Part No.	Qty	Type
SSA101	10	Stickers

Part No.	Qty	Type
SSB138	1	Sign

Size: 100 x 250 mm



CO^2

Part No.	Qty	Type
SSA258	1	Sticker

Water

Part No.	Qty	Type
SSA261	1	Sticker

Dry Powder

Part No.	Qty	Type
SSA260	1	Sticker

Foam Spray

Part No.	Qty	Type
SSA259	1	Sticker

Size: 120 x 120 mm

Part No.	Qty	Type
SSA254	1	Sticker

Part No.	Qty	Type
SSA255	1	Sticker

Part No.	Qty	Type
SSA256	1	Sticker

Part No.	Qty	Type
SSA257	1	Sticker

Size: 360 x 120 mm

Part No.	Qty	Type
SSB270	1	Sign
SSA271	1	Sticker

Part No.	Qty	Type
SSB272	1	Sign
SSA273	1	Sticker

Fire Safety Signs

Fire Extinguisher Stickers are used to indicate the type of fire extinguisher present, and for what types of fire it can be used.

Mandatory Fire Stickers, such as "Fire door keep closed", are used on fire doors and fire escape doors and must be kept clear on both sides for ease of evacuation.

Signs are manufactured from high quality 3 mm foamex board.

Self adhesive vinyl stickers are fully waterproof conforming to BS ISO EN 7010.

Size: 360 x 120 mm

Part No.	Qty	Type
SSB266	1	Sign
SSA267	1	Sticker

Part No.	Qty	Type
SSA276	1	Sticker

Part No.	Qty	Type
SSB264	1	Sign
SSA265	1	Sticker

Part No.	Qty	Type
SSB268	1	Sign
SSA269	1	Sticker

Part No.	Qty	Type
SSA277	1	Sticker

Part No.	Qty	Type
SSB262	1	Sign
SSA263	1	Sticker

Part No.	Qty	Type
SSA275	1	Sticker

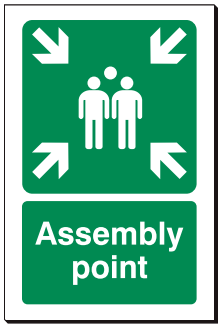
Part No.	Qty	Type
SSA274	1	Sticker

Part No.	Qty	Type
SSA278	1	Sticker

Size: 360 x 240 mm

Part No.	Qty	Type
SSB287	1	Sign
SSA288	1	Sticker

Size: 240 x 360 mm



Part No.	Qty	Type
SSB279	1	Sign
SSA280	1	Sticker

Part No.	Qty	Type
SSB285	1	Sign
SSA286	1	Sticker

Part No.	Qty	Type
SSB281	1	Sign
SSA282	1	Sticker

Part No.	Qty	Type
SSB283	1	Sign
SSA284	1	Sticker

Fire Exit & Emergency Signs

Fire Exit Signs are used to tell people where to go in the event of a fire. An essential sign for use on all commercial premises.

You should always be able to see a “Fire Exit” sign indicating the direction you should take.

Signs are manufactured from high quality 3 mm foamex board.

Self adhesive vinyl stickers are fully waterproof conforming to BS ISO EN 7010.

Size: 100 x 100 mm

Part No.	Qty	Type
SSA239	1	Sticker

Part No.	Qty	Type
SSA240	1	Sticker

Part No.	Qty	Type
SSA241	1	Sticker

Part No.	Qty	Type
SSA242	1	Sticker

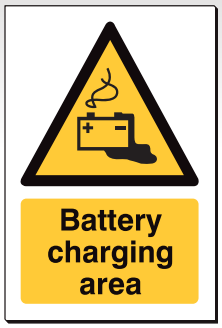
Part No.	Qty	Type
SSA243	1	Sticker

Part No.	Qty	Type
SSA244	1	Sticker

Part No.	Qty	Type
SSA245	1	Sticker

Part No.	Qty	Type
SSA246	1	Sticker

Size: 240 x 360 mm



Part No.	Qty	Type
SSB227	1	Sign
SSA228	1	Sticker

Part No.	Qty	Type
SSB219	1	Sign
SSA220	1	Sticker

Part No.	Qty	Type
SSB203	1	Sign
SSA204	1	Sticker

Part No.	Qty	Type
SSB213	1	Sign
SSA214	1	Sticker

Part No.	Qty	Type
SSB205	1	Sign
SSA206	1	Sticker

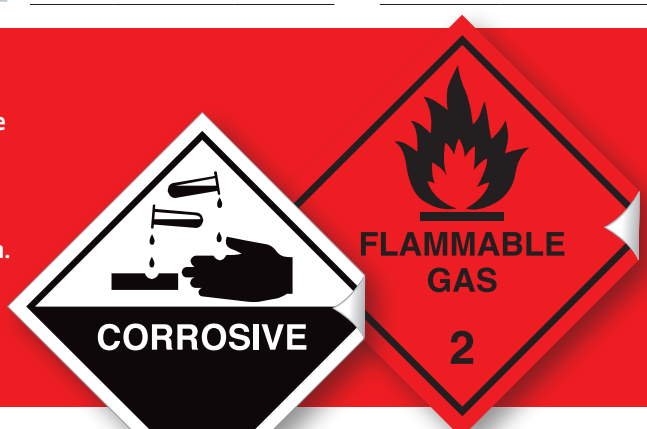
Part No.	Qty	Type
SSB201	1	Sign
SSA202	1	Sticker

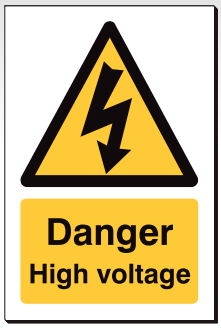
Transport Hazard Warning Labels

The ADR (European agreement concerning the international carriage of dangerous goods by road) regulations, state that all packages containing dangerous goods should have a warning label. The labels shall be in the form of a square at an angle of 45° (diamond shaped).

Used in the transportation of dangerous goods by road, sea and air. Our Hazard Warning Diamonds comply with International legislation.

Self adhesive vinyl stickers are fully waterproof conforming to BS ISO EN 7010.

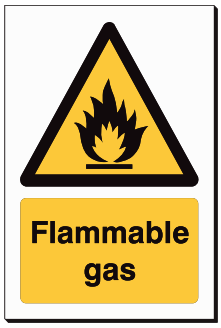




Part No.	Qty	Type
SSB207	1	Sign
SSA208	1	Sticker

Part No.	Qty	Type
SSB209	1	Sign
SSA210	1	Sticker

Part No.	Qty	Type
SSB223	1	Sign
SSA224	1	Sticker



Part No.	Qty	Type
SSB215	1	Sign
SSA216	1	Sticker

Part No.	Qty	Type
SSB229	1	Sign
SSA230	1	Sticker

Part No.	Qty	Type
SSB221	1	Sign
SSA222	1	Sticker

Part No.	Qty	Type
SSB217	1	Sign
SSA218	1	Sticker

Part No.	Qty	Type
SSB225	1	Sign
SSA226	1	Sticker

Part No.	Qty	Type
SSB211	1	Sign
SSA212	1	Sticker

Size: 360 x 120 mm

Part No.	Qty	Type
SSB231	1	Sign
SSA232	1	Sticker

Part No.	Qty	Type
SSB233	1	Sign
SSA234	1	Sticker

Part No.	Qty	Type
SSB235	1	Sign
SSA236	1	Sticker

Size: 360 x 350 mm

Part No.	Qty	Type
SSB237	1	Sign
SSA238	1	Sticker

Hazard Warning Signs

Identify and warn staff and visitors of potential hazards.

Signs should be placed so people have plenty of time to see and fully understand them and to take action, reducing risks before reaching the hazard. Designed to be used in a wide variety of situations, in factories, building sites, farms, estates and warehouses.

Signs are manufactured from high quality 3 mm foamex board.

Self adhesive vinyl stickers are fully waterproof conforming to BS ISO EN 7010.

Size: 360 x 120 mm

Toilet

Part No.	Qty	Type
SSB319	1	Sign
SSA320	1	Sticker

Visitor parking only

Part No.	Qty	Type
SSB325	1	Sign
SSA326	1	Sticker

Disabled toilet

Part No.	Qty	Type
SSB317	1	Sign
SSA318	1	Sticker

Reception

Part No.	Qty	Type
SSB315	1	Sign
SSA316	1	Sticker

Men

Part No.	Qty	Type
SSB323	1	Sign
SSA324	1	Sticker

Private Property Keep out

Part No.	Qty	Type
SSB311	1	Sign
SSA312	1	Sticker

Women

Part No.	Qty	Type
SSB321	1	Sign
SSA322	1	Sticker

Drinking water

Part No.	Qty	Type
SSB313	1	Sign
SSA314	1	Sticker

Size: 360 x 240 mm

Customer car parking

Part No.	Qty	Type
SSB307	1	Sign
SSA308	1	Sticker

NO PARKING
This access to be kept clear at all times

Part No.	Qty	Type
SSB305	1	Sign
SSA306	1	Sticker

All visitors must report to office

Part No.	Qty	Type
SSB301	1	Sign
SSA302	1	Sticker

WARNING
C.C.T.V. system installed on these premises
Video recording in operation

Part No.	Qty	Type
SSB309	1	Sign
SSA310	1	Sticker

WARNING
These premises are alarm protected

Part No.	Qty	Type
SSB303	1	Sign
SSA304	1	Sticker

General Signs

Use to advise staff and visitors of common site and warehouse locations and ensure procedures are followed.

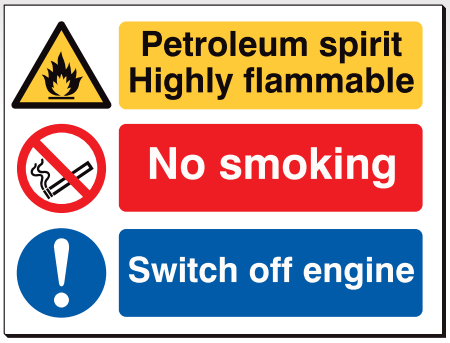
Signs are manufactured from high quality 3 mm foamex board.

Self adhesive vinyl stickers are fully waterproof conforming to BS ISO EN 7010.

Size: 480 x 350 mm

Part No.	Qty	Type	Material
SSB248	1	Sign	3 mm Foamex

Part No.	Qty	Type	Material
SSB253	1	Sign	3 mm Foamex



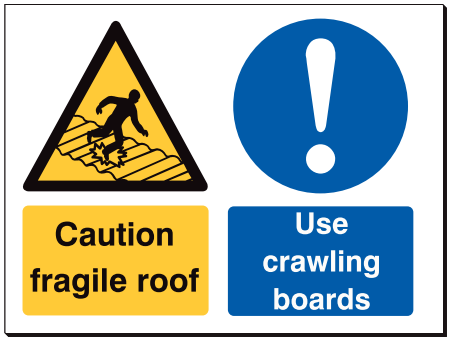
Part No.	Qty	Type	Material
SSB251	1	Sign	3 mm Foamex

Part No.	Qty	Type	Material
SSB249	1	Sign	3 mm Foamex

Part No.	Qty	Type	Material
SSB252	1	Sign	3 mm Foamex

Part No.	Qty	Type	Material
SSB143	1	Sign	3 mm Foamex

Part No.	Qty	Type	Material
SSB247	1	Sign	3 mm Foamex



Part No.	Qty	Type	Material
SSB250	1	Sign	3 mm Foamex

Size: 360 x 350 mm

Part No.	Qty	Type	Material
SSB237	1	Sign	3 mm Foamex
SSA238	1	Sticker	Self Adhesive Vinyl

Multi-Message Signs

Used for areas and situations where more than one safety message is required, ideal for situations where wall space is limited.

Signs are manufactured from high quality 3 mm foamex board.

Self adhesive vinyl stickers are fully waterproof conforming to BS ISO EN 7010.

Size: 240 x 360 mm

Part No.	Qty	Type
SSB405	1	Sign
SSA406	1	Sticker

Part No.	Qty	Type
SSB411	1	Sign
SSA412	1	Sticker

Part No.	Qty	Type
SSB403	1	Sign
SSA404	1	Sticker

Part No.	Qty	Type
SSB407	1	Sign
SSA408	1	Sticker

Part No.	Qty	Type
SSB415	1	Sign
SSA416	1	Sticker

Part No.	Qty	Type
SSB409	1	Sign
SSA410	1	Sticker

Part No.	Qty	Type
SSB417	1	Sign
SSA418	1	Sticker

Part No.	Qty	Type
SSB419	1	Sign
SSA420	1	Sticker

Part No.	Qty	Type
SSB401	1	Sign
SSA402	1	Sticker

Part No.	Qty	Type
SSB421	1	Sign
SSA422	1	Sticker

Part No.	Qty	Type
SSB413	1	Sign
SSA414	1	Sticker

Part No.	Qty	Type
SSB423	1	Sign
SSA424	1	Sticker

Mandatory PPE Signs

Mandatory PPE Signs are used to warn people of potential damage to their health if they do not wear the correct PPE and encourages them to do so. Designed to be used in a wide variety of situations, in factories, building sites, farms, estates and warehouses, displayed inside or outside.

Signs are manufactured from high quality 3 mm foamex board.

Self adhesive vinyl stickers are fully waterproof conforming to BS ISO EN 7010.

Size: 480 x 300 mm

Part No.	Qty	Type	Material
SSB503	1	Sign	3 mm Foamex

Part No.	Qty	Type	Material
SSB502	1	Sign	3 mm Foamex

Size: 350 x 350 mm

Part No.	Qty	Type	Material
SSB501	1	Sign	3 mm Foamex

Size: 480 x 150 mm

Part No.	Qty	Type	Material
SSB506	1	Sign	3 mm Foamex

Part No.	Qty	Type	Material
SSB507	1	Sign	3 mm Foamex

Part No.	Qty	Type	Material
SSB505	1	Sign	3 mm Foamex

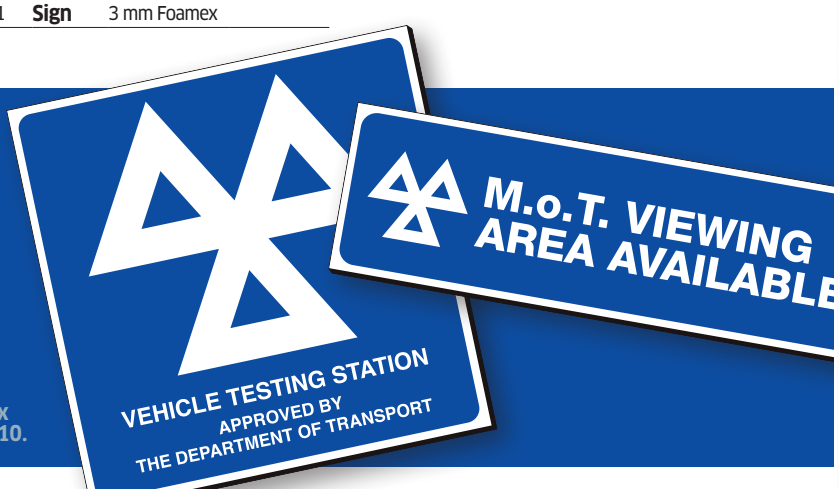
Part No.	Qty	Type	Material
SSB504	1	Sign	3 mm Foamex

M.o.T. Signs

M.o.T. Signs should be used at a vehicle testing station which is approved by the Department of Transport.

Clearly indicate an M.o.T. station, designated area or services available that will inform new and existing customers alike.

Signs are manufactured from high quality 3 mm foamex board are fully waterproof conforming to BS ISO EN 7010.



OnHand

ONHAND
Nitrile Gloves

Class 1 medical grade (EN 455) & food contact approved (EN 1186).

- **Latex and powder free**
- **High tensile strength**

Part No.	Qty	Size	Colour
GL590A	Box of 100	S	Blue
GL590	10 x Boxes of 100	S	Blue
GL591A	Box of 100	M	Blue
GL591	10 x Boxes of 100	M	Blue
GL592A	Box of 100	L	Blue
GL592	10 x Boxes of 100	L	Blue
GL593A	Box of 100	XL	Blue
GL593	10 x Boxes of 100	XL	Blue

OnHand PLUS+

ONHAND 'Plus'
Heavy Duty Nitrile Gloves

Class 1 medical grade (EN 455) & food contact approved (EN 1186). Approved to EN374-2 & EN374-3.

- **Latex and powder free**
- **Micro-textured for improved grip**
- **High tensile strength with a high level of dexterity**

Part No.	Qty	Size	Colour
GL491A	Box of 100	M	Blue
GL491	10 x Boxes of 100	M	Blue
GL492A	Box of 100	L	Blue
GL492	10 x Boxes of 100	L	Blue
GL493A	Box of 100	XL	Blue
GL493	10 x Boxes of 100	XL	Blue

OnHand

ONHAND
Nitrile Gloves

Class 1 medical grade (EN 455) & food contact approved (EN 1186).

- **Latex and powder free**
- **High tensile strength**

Part No.	Qty	Size	Colour
GL594A	Box of 100	M	Black
GL594	10 x Boxes of 100	M	Black
GL595A	Box of 100	L	Black
GL595	10 x Boxes of 100	L	Black
GL596A	Box of 100	XL	Black
GL596	10 x Boxes of 100	XL	Black

OnHand PLUS+

ONHAND 'Plus'
Heavy Duty Nitrile Gloves

Class 1 medical grade (EN 455) & food contact approved (EN 1186). Approved to EN374-2 & EN374-3.

- **Latex and powder free**
- **Micro-textured for improved grip**
- **High tensile strength with a high level of dexterity**

Part No.	Qty	Size	Colour
GL494A	Box of 100	M	Black
GL494	10 x Boxes of 100	M	Black
GL495A	Box of 100	L	Black
GL495	10 x Boxes of 100	L	Black
GL496A	Box of 100	XL	Black
GL496	10 x Boxes of 100	XL	Black

The OnHand range of premium quality disposable gloves offers next generation protection as well as helping to maintain hygiene

ONHAND 'Grip Plus' Nitrile Gloves

Class 1 medical grade (EN 455) & food contact approved (EN 1186). Approved to EN374-2 & EN374-3.

- **Latex and powder free**
- **All-over textured pattern with outstanding grip properties**
- **High tensile strength and puncture resistance**

Part No.	Qty	Size	Colour
GL886A	Box of 90	M	Orange
GL886	10 x Boxes of 90	M	Orange
GL887A	Box of 90	L	Orange
GL887	10 x Boxes of 90	L	Orange
GL889A	Box of 90	XL	Orange
GL889	10 x Boxes of 90	XL	Orange
GL890A	Box of 90	XXL	Orange
GL890	10 x Boxes of 90	XXL	Orange

ONHAND 'Grip Plus' Nitrile Gloves

Class 1 medical grade (EN 455) & food contact approved (EN 1186). Approved to EN374-2 & EN374-3.

- **Latex and powder free**
- **All-over textured pattern with outstanding grip properties**
- **High tensile strength and puncture resistance**

Part No.	Qty	Size	Colour
GL896A	Box of 90	M	Black
GL896	10 x Boxes of 90	M	Black
GL897A	Box of 90	L	Black
GL897	10 x Boxes of 90	L	Black
GL899A	Box of 90	XL	Black
GL899	10 x Boxes of 90	XL	Black
GL900A	Box of 90	XXL	Black
GL900	10 x Boxes of 90	XXL	Black

GRIPPAZ Orange Grip Gloves

This glove is designed to cover a broad spectrum of industrial uses including automotive, assembly, paint spraying, cleaning, electro-plating asbestos removal and janitorial.

- **Patented fish scale grip, tough & durable for the professional user**
- **Silicone free, 100% nitrile**
- **Chemical resistant, lasts up to 5 times longer than standard disposable gloves**
- **Touch screen friendly**

Part No.	Qty	Size	Colour
VC619	Box of 50	M	Orange
VC626	10 x Boxes of 50	M	Orange
VC620	Box of 50	L	Orange
VC627	10 x Boxes of 50	L	Orange
VC621	Box of 50	XL	Orange
VC628	10 x Boxes of 50	XL	Orange
VC622	Box of 50	XXL	Orange
VC629	10 x Boxes of 50	XXL	Orange

Latex Gloves - Powder FREE

Part No.	Qty	Size
VC541	Box of 100	S
VC578	10 x Boxes of 100	S
VC539	Box of 100	M
VC576	10 x Boxes of 100	M
VC540	Box of 100	L
VC577	10 x Boxes of 100	L
VC542	Box of 100	XL
VC579	10 x Boxes of 100	XL

Blue Vinyl Nitrile Hybrid Gloves - Powder FREE

High quality PVC/Nitrile blend.

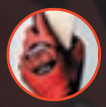
- **Nitrile provides good strength, protection and a snug fit combined with the sensitivity of vinyl**
- **Synthetic materials ensures 100% latex FREE**

Part No.	Qty	Size
VC842	Box of 100	S
VC882	10 x Boxes of 100	S
VC843	Box of 100	M
VC883	10 x Boxes of 100	M
VC844	Box of 100	L
VC884	10 x Boxes of 100	L
VC845	Box of 100	XL
VC885	10 x Boxes of 100	XL

Traffi®
THE HAND PROTECTION SPECIALISTS

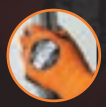
CARBON NEUTRAL HAND PROTECTION

COLOUR CODED SAFETY GLOVES SYSTEM



RED CUT LEVEL

WARNING - LOW CUT PROTECTION
Suitable for lower cut risk tasks only, such as general product handling, warehouse and assembly line work and some low risk construction jobs.



AMBER CUT LEVEL

BE AWARE - MEDIUM CUT PROTECTION
Ideal for second fix construction, mechanical and electrical trades, steel fixing and handling materials with sharp edges.

GREEN CUT LEVEL

SAFE TO GO - HIGH CUT PROTECTION
The best choice for higher cut risk tasks like applying cladding, demolition, steel fabrication and handling glass or sheet metal with cut edges.

Traffi®

ASTM ANSI CUT LEVEL A

EN 16350:2014

ANTISTATIC • ANTISTATIC

TRAFFI TG1290 X-Dura Antistatic Gloves

Antistatic cut level A PU coated glove.

Part No.	Pack Qty	Size	EN388 Rating
GL12908	10 Pairs	M	4121A
GL12909	10 Pairs	L	4121A
GL12910	10 Pairs	XL	4121A
GL12911	10 Pairs	XXL	4121A

Traffi®

SUSTAIN

ASTM ANSI CUT LEVEL A

BIODEGRADABLE • BIODEGRADABLE

rPET

TRAFFI TG1900 Microfoam Gloves

Biodegradable cut level A glove made from recycled water bottles.

Part No.	Pack Qty	Size	EN388 Rating
GL19008	10 Pairs	M	4121A
GL19009	10 Pairs	L	4121A
GL19010	10 Pairs	XL	4121A
GL19011	10 Pairs	XXL	4121A

Traffi®

ASTM ANSI CUT LEVEL A

TRAFFI TG1210 X-Dura Lightweight Gloves

Lightweight cut level A PU coated glove.

Part No.	Pack Qty	Size	EN388 Rating
GL12108	10 Pairs	M	3X21A
GL12109	10 Pairs	L	3X21A
GL12110	10 Pairs	XL	3X21A
GL12111	10 Pairs	XXL	3X21A

Traffi®

ASTM ANSI CUT LEVEL B

TRAFFI TG3210 X-Dura Lightweight Gloves

Lightweight cut level B PU coated glove.

Part No.	Pack Qty	Size	EN388 Rating
GL32108	10 Pairs	M	4X43B
GL32109	10 Pairs	L	4X43B
GL32110	10 Pairs	XL	4X43B
GL32111	10 Pairs	XXL	4X43B

Traffi®

ASTM ANSI CUT LEVEL C

TRAFFI TG5210 X-Dura Lightweight Gloves

Lightweight cut level C PU coated glove.

Part No.	Pack Qty	Size	EN388 Rating
GL52108	10 Pairs	M	4X43C
GL52109	10 Pairs	L	4X43C
GL52110	10 Pairs	XL	4X43C
GL52111	10 Pairs	XXL	4X43C

Traffi®

ASTM ANSI CUT LEVEL A

CERTIFIED CARBON NEUTRAL

TRAFFI TG1240 MicroDex LTX Gloves

Carbon neutral cut level A glove with a palm dipped MicroDex Ultra coating.

Part No.	Pack Qty	Size	EN388 Rating
GL12408	10 Pairs	M	4142A
GL12409	10 Pairs	L	4142A
GL12410	10 Pairs	XL	4142A
GL12411	10 Pairs	XXL	4142A

Traffi®

ASTM ANSI CUT LEVEL B

CERTIFIED CARBON NEUTRAL

TRAFFI TG3240 MicroDex LTX Gloves

Carbon neutral cut level B glove with a palm dipped MicroDex Ultra coating.

Part No.	Pack Qty	Size	EN388 Rating
GL32408	10 Pairs	M	4X43B
GL32409	10 Pairs	L	4X43B
GL32410	10 Pairs	XL	4X43B
GL32411	10 Pairs	XXL	4X43B

Traffi®

ASTM ANSI CUT LEVEL C

CERTIFIED CARBON NEUTRAL

TRAFFI TG5240 MicroDex LTX Gloves

Carbon neutral cut level C glove with a palm dipped MicroDex Ultra coating.

Part No.	Pack Qty	Size	EN388 Rating
GL52408	10 Pairs	M	4X43C
GL52409	10 Pairs	L	4X43C
GL52410	10 Pairs	XL	4X43C
GL52411	10 Pairs	XXL	4X43C

ONHAND PU Coated Gloves

- Seamless knitted shell with a polyurethane coated palm
- Seamless for extra comfort with open back style that allows hand to breathe
- Tight fitting for maximum dexterity

Part No.	Pack Qty	Size	EN388 Rating
WS510	10 Pairs	M	3121
WS511	10 Pairs	L	3121
WS512	10 Pairs	XL	3121
WS513	10 Pairs	XXL	3121

ONHAND Nitrile Coated Gloves

- Seamless knitted shell with a nitrile coated palm
- Seamless for extra comfort with open back style that allows hand to breathe
- Tight fitting for maximum dexterity

Part No.	Pack Qty	Size	EN388 Rating
WS514	10 Pairs	M	4121
WS515	10 Pairs	L	4121
WS516	10 Pairs	XL	4121
WS517	10 Pairs	XXL	4121

KS TOOLS Micro-Fine Woven Gloves - Black

Permeable to air, elasticated wrists.
Conforms to EN388.

Part No.	Box of	Size	EN388 Rating
K310.0470	12 Pairs	L	4131
K310.0475	12 Pairs	XL	4131
K310.0480	12 Pairs	XXL	4131

Electron PU Coated Nylon Gloves

Conforms to EN388 (Glove rating 3121) & EN 1149.
Textured polyurethane palm coated nylon.

- Great sensitivity and dexterity.
- Ideal for precision engineering, assembly operations, electronics assembly/testing/packing.

Part No.	Qty	Size	EN388 Rating
WS304	12 Pairs	M	3121
WS305	12 Pairs	L	3121
WS306	12 Pairs	XL	3121

Nitrotouch Gloves

Conforms to EN388 (Glove rating 4122).
Cut resistant and washable nitrile coated nylon.

- Ideal for maintenance, warehousing, construction, assembly, material handling and general plant use.

Part No.	Qty	Size	EN388 Rating
WS307	12 Pairs	M	4122
WS308	12 Pairs	L	4122
WS309	12 Pairs	XL	4122

Latex Coated Gloves

Conforms to EN388
(Glove rating 1131).
Textured latex palm coating offers a superb grip. 10 gauge poly cotton with fleece lining and ribbed knit wrist for comfort.

- Ideal for general handling, construction and maintenance use.

Part No.	Qty	Size	EN388 Rating
WS302	1 Pair	L	1131
WS303	1 Pair	XL	1131

KS TOOLS Mechanics Anti-Vibration Gel Gloves

Absorbs and dissipates repeated impacts and shocks.

- Designed for handling power tools, industrial tools and any tools with repetitive vibration.

Part No.	Qty	Size	EN388 Rating
K310.0250	1 Pair	L	2121
K310.0255	1 Pair	XL	2121
K310.0260	1 Pair	XXL	2121

Latex Coated Grip Gloves

Conforms to EN388, EN420.
Latex coated palm. 10 gauge poly cotton and seamless liner.

Part No.	Pack of	Size	EN388 Rating
WS48	5 Pairs	L	2121
WS49	5 Pairs	XL	2142X

Yellow Kriss-Kross Gripper Gloves

Heavy weight string knitted base with coarse PVC lattice pattern on both sides providing excellent dexterity and grip.

Part No.	Pack of	Size	EN388 Rating
WS40	5 Pairs	L	1000

DELTAPLUS Heat Tolerant Glove

100% polyester. PURE latex coating on palm and fingertips. Gauge 13.

Part No.	Qty	Size	EN388 Rating
WS320	1 Pair	M	2142
WS321	1 Pair	L	2142
WS322	1 Pair	XL	2142

DELTAPLUS Thermal Protection Winter Glove

Inside: 100% acrylic gauge 10. Outside: 100% polyamide gauge 15. Full latex coating of the hand. Second foam latex coating on palm and fingertips.

Part No.	Qty	Size	EN388 Rating
WS325	1 Pair	L	2231
WS326	1 Pair	XL	2231

Hide Rigger Gloves - Heavy Duty

Conforms to EN388, EN420
Cow split leather glove, double palm with rubberized cuff and half lined. Colours may vary.

Part No.	Pack of	Size	EN388 Rating
WS42	5 Pairs	L	4244

Cotton & Chrome Gloves

EN388 Rating: 1000. Chrome palm and cotton liner. One size fits all.

Part No.	Pack of	Descriptions
WS46	5 Pairs	Cotton/Chrome Gloves

Knit Wrist Stockinette Gloves

EN388 Rating: 1000. One size fits all.

Part No.	Pack of	Descriptions
WS45	10 Pairs	Stockinette Gloves

Rigger Gloves

EN388 Rating: 2111X.
Canadian pattern. Chrome leather palms.

Part No.	Pack of	Description
WS7	5 Pairs	Rigger Gloves

PVC Gloves

With knitted wrist.

Part No.	Qty	Description	EN388 Rating
WS6	5 Pairs	PVC Gloves	3131

14" PVC Gauntlets

Cotton lined.
Conforms to EN388, EN420.

Part No.	Pack of	Description	EN388 Rating
WS41	2 Pairs	14" PVC Gauntlets	2003

Household Rubber Gloves

Medium weight.
Cotton flock lined.
Conforms to EN420.

Part No.	Pack of	Size	EN388 Rating
WS43	12 Pairs	M	1000
WS44	12 Pairs	L	1000

Rubber Gloves

Black. Heavy duty acid resistant for platers.

Part No.	Qty	Description	EN388 Rating
WS24	1 Pair	Rubber Gloves	3121

Gauntlets

With tough cotton fleece lining, 5" cuffs. Colour may vary.

Part No.	Qty	Description	EN388 Rating
WS8	1 Pair	Gauntlets	4133

EV Insulated Gloves

Fully insulated electrical safety glove. Latex material offers excellent electrical resistance.

- Class 0 rated for 1000v
- Standards: EN60903, PPE CAT III 0333
- Overall length 36cm

Part No.	Qty	Description	Size
EVH42	1 Pair	EV Ins Gloves	M
EVH43	1 Pair	EV Ins Gloves	L
EVH44	1 Pair	EV Ins Gloves	XL
EVH53	1 Pair	EV Ins Gloves	XXL

EV Leather Gauntlet Overgloves

Worn over electricians gloves.

- Extends the lifespan of the electricians gloves
- Provides additional mechanical protection and offers a higher level of grip
- Standards: 3111X, PPE CAT II
- Protects the electricians gloves in dirty or oily environments

Part No.	Qty	Description	Size
EVH45	1 Pair	EV Gauntlets	M
EVH46	1 Pair	EV Gauntlets	L
EVH47	1 Pair	EV Gauntlets	XL

Looking for more Face Visors & Googles?

The range continus overleaf...

Bump Cap

Black, adjustable.
EN 812

Part No.	Qty	Description
WS35	1	Bump Cap

DELTAPLUS

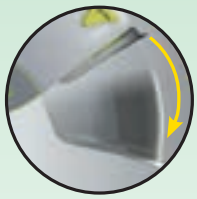
DELTAPLUS Safety Helmets

Approved to EN397:2012 / A1:2012 / EN50365:2002.
Electrical insulation up to 100V.A.C (Class 0)
UV-resistant high density polyethylene or polypropylene.
Low density polyethylene cradle with 8 fixing points.

- Sweat band
- Standard holes for accessories and anchorage for chin straps with 2 or 4 points

Part No.	Qty	Colour
WS417W	1	White
WS417Y	1	Yellow

DELTAPLUS



DELTAPLUS Safety Helmet with EV Arc Flash Face Shield

ABS dual shell safety helmet with polycarbonate retractable visor.
Includes a microfibre protective storage bag.

- Class 1 electric arc protection (GS-ET-29) to 1,500 VDC
- Suits head size 53-63 cm
- Anti-fog and anti-scratch protection

Part No.	Qty	Description
WS420	1	Safety Helmet with Visor

Face Shield

Complete with brow guard/harness and 20 cm (8") polycarbonate visor. BS EN 166/1/B9.

Part No.	Qty	Description
WS18	1	Face Shield with Clear Visor
WS18C	1	Replacement Clear Visor
WS18S	1	Replacement Anti-Glare Visor

EV Arc Flash Face Shield - Lightweight

Lightweight design with a flip front protector.

- 1.5mm visor thickness offers protection against short circuit electric arcs
- Visor comes with anti-fog acetate coating
- Adjustable headband gives a comfortable and secure fit
- Conforms to: EN166:2001 1 AT 8 9

Part No.	Qty	Description
EVH10	1	EV Face Shield L/W
EVH11	1	EV Face Shield Bag

Ski Style Wide Vision Safety Goggles

CE marked. 99.9% UV/B protection. EN166 / EN170 / EN175. Soft rubber body provides exceptional comfort. Withstands high temperatures. Fits over most spectacles. Anti scratch/mist.

Part No.	Qty	Lens Colour	Markings
WS1508	1	Clear	1 BT 9 O

Wide Vision Welding Goggles

CE marked. 99.9% UV/B protection. EN166 / EN171 / EN175. Fits over most spectacles. Anti scratch/mist.

Part No.	Qty	Lens Colour	Markings
WS1511	1	Shade 5	4-5 1 BT 9 O

Grinding Goggles

BS EN 166/1/B.

Part No.	Qty	Description
WS23	1	Grinding Goggles

Safety Goggles - Wide Vision

BS 679/1959.

Part No.	Qty	Description
WS3	1	Safety Goggles

Lightweight Wraparound Safety Spectacles with Safety Cord

CE marked. 99.9% UV/B protection.EN166 / EN170 (*EN172). Outstanding field of vision, exceptional protection. Adjustable arms/lens angle. Anti scratch. Integral nose piece.

Part No.	Qty	Lens Colour	Markings
WS1491	1	Clear	2-1.2 1 FT O

Wraparound Safety Spectacles with Rubber Nose Pads

CE marked. 99.9% UV/B protection. EN166 / EN170 (*EN172) (†EN171). Comfortable lightweight design, rubber nose pads and soft temple tips. Anti scratch.

Part No.	Qty	Lens Colour	Markings
WS1498	1	Clear	2-1.2 1 FT O
WS1500	1	Shade 5†	4-5 1 FT O

DELTAPLUS

DELTAPLUS 'Metal Free' Single Lens Safety Glasses

Polycarbonate. CE marked. 99.9% UV/B protection. Approved to EN166, EN172:2002 Ultraviolet filters.Metal free: dielectric.

- Ideal for spraybooths
- Ultra light: 18g
- Ultra flexible
- Anti scratch

Part No.	Qty	Lens Colour	Markings
WS1516	1 Pair	Clear	1 FT/FT
WS1517	1 Pair	Smoke	1 FT/FT

Safety Spectacles

Polycarbonate over specs.
BS EN 166/1/F.

Part No.	Pack of	Description
WS17	10	Safety Spectacles

DELTAPLUS

DELTAPLUS Twin Lens Safety Glasses

Polycarbonate CE marked.
99.9% UV/B protection.Approved to EN166, EN172:2002 Ultraviolet filters

- Polycarbonate twin lens glasses
- Soft tips.
- Anti scratch
- Twin material anti-slip arms
- Soft TPE nose piece
- Anti mist (WS1514 only)

Part No.	Qty	Lens Colour	Markings
WS1514	1 Pair	Clear	ANSI Z87+
WS1515	1 Pair	Gradient	1 FT/FT

DELTAPLUS

DELTAPLUS LYVIZ Coated Single Lens Easy Clean Safety Glasses

Polycarbonate. CE marked. 99.9% UV/B protection.
Approved to EN166, EN172:2002 Ultraviolet filters

- Removable Foam Frame
- Adjustable nylon arms. Side protection
- LyViz treatment : oleophobic and hydrophobic coating enables user to clean lenses with a quick wipe and eliminates the danger of removing them whilst working

Part No.	Qty	Lens Colour	Markings
WS1522	1 Pair	Clear	1 FT/FT ANSI Z787+

DELTAPLUS

DELTAPLUS Helium Metal Detectable Safety Glasses

Ultra light polycarbonate single lens glasses.
Extra fine frame. Suitable for long duration wear.

- Metallically charged blue frame visually detectable by X-ray and magnetism
- Blue tint with excellent transmission factor (80%)
- Extra fine frame
- Suitable for the food industry
- Comfortable for indoor use
- Compatibility with noise cancelling headphones

Part No.	Qty	Lens Colour	Markings
WS1550	1 Pair	Blue	1FT/FT

DELTAPLUS

DELTAPLUS Monobloc Single Lens Safety Glasses

Polycarbonate. CE marked.
99.9% UV/B protection.Approved to EN166, EN172:2002. Ultraviolet filters.

- Integrated nose piece
- Soft flat spatula type arms
- Side protection
- Anti Scratch
- Easy to use with safety helmet and ear defenders and disposable masks

Part No.	Qty	Lens Colour	Markings
WS1494	1 Pair	Clear	1 FT/FT ANSI Z787+
WS1495	1 Pair	Smoke	1 FT/FT ANSI Z787+
WS1496	1 Pair	Yellow	1 FT/FT ANSI Z787+
WS1497	1 Pair	Mirror	1 FT/FT ANSI Z787+

Eye Protection - Markings

This range of eye protectors are suitable for use in accordance with the marking of the lens and frame.

UV 400

UV 400 protection provides protection against 99 to 100% of UVA and UVB ultraviolet radiation. It is called UV 400 because it blocks all rays of light up to a wavelength of 400 nanometers.

Frame Marking

Standard Number

EN166 = Personal Eye Protection (technical performance standard)
EN175 = Welding Personal Protection (equipment for eye and face protection during welding and allied processes)

Symbol for Mechanical Strength

TF = Low Energy Impact (45m/s)
BT = Medium Energy Impact (10 m/s) - Goggles

Field(s) Of Use

9 = Resistance to Molten (Metal and Hot Solids) - Goggles
3 = Resistance to Liquids (Droplets or Splashes) - Goggles

Ocular Marking

Scale Number (first digit)

2 = EN170 - Ultraviolet Filters (transmittance requirements and recommended utilisation)
4 = EN171 - Infrared Filters (transmittance requirements and recommended use)
5 = EN172 - Solar Radiation Filters (sun glare filters for industrial use)

Shade Number (second and third digit)

1.2 = Clear / Amber
3.1 = Smoke / Green / Blue Mirror
5 = Shade 5

Optical Class

1 = High Optical Quality (suitable for occasional wear)

Symbol for Original Ocular

0 = Original Ocular EN170 - Ultraviolet Filters (transmittance requirements and recommended utilisation)

KN95 Face Masks

Meets the standard GB/T 2626-2006.
5-layer mask with stretchable ear-loops.
Non-woven polypropylene fabric.

- **Adjustable nose piece form-fit design provides high breathability for maximum comfort**
- **Excellent anti-fog and anti-haze properties**
- **Hypoallergenic - Latex and fibreglass-free**

Part No.	Box of	Description
WS95	10	KN95 Face Masks

Surgical Type Face Masks

3-layer pleated mask with stretchable ear-loops.

- **Adjustable nose piece form-fit design provides high breathability for maximum comfort**
- **Hypoallergenic - 100% latex and fibreglass-free**

Part No.	Box of	Description
WS1	50	Surgical Type Face Masks

MOLDEX

MOLDEX Smart Pocket FFP2 Masks + Valve

Approved to EN149:2001.
Supplied in a dispenser box.

- **Individually packaged, fits into your pocket.**
- **Protected from dust and kept hygienic before use.**

Part No.	Box of	Description
MX2475	10	FFP2 + Ventex Valve

DELTAPLUS

DELTAPLUS Moulded Disposable Masks FFP1 + Valve

Approved to EN149:2001 / A1:2009

- **Nose clip for adjustment**
- **Foam edge under nose clip**
- **High performance exhalation valve**

Part No.	Box of	Description
WS412	10	FFP1 + Valve

DELTAPLUS

DELTAPLUS Moulded Disposable FFP2 Masks + Valve

Approved to EN149:2001 / A1:2009

- **Nose clip for adjustment**
- **Foam edge under nose clip**
- **High performance exhalation valve**

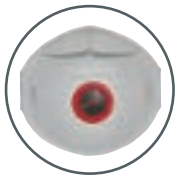
Part No.	Box of	Description
WS28	10	FFP2 + Valve

DELTAPLUS

DELTAPLUS Moulded Disposable FFP3 Masks + Valve

Approved to EN149:2001 / A1:2009

- **Nose clip for adjustment**
- **EVA edge for extra comfort under nose clip**
- **High performance exhalation valve**



Part No.	Box of	Description
WS415	10	FFP3 + Valve

DELTAPLUS

DELTAPLUS Moulded Disposable FFP3 Masks + Valve

Approved to EN149:2001 / A1:2009

- **Non-woven synthetic fibre**
- **Wide adjustable strap**
- **Complete ultra soft face joint ring**
- **High performance exhalation valve**

Part No.	Box of	Description
WS416	5	FFP3 + Valve

MOLDEX

MOLDEX Smart Solo FFP Masks

Approved to EN149:2001.

- **Even with gloves putting the '1-Strap' mask on and taking it off is quick, simple and safe.**

Part No.	Box of	Description
MX2395	20	FFP1 + Ventex Valve
MX2495	20	FFP2 + Ventex Valve

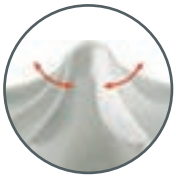
Half Mask

Complete with A1 P2 Dust filter cartridges suitable for automotive refinish workshops.
Cartridges colour coded to European norms: EN14387:2004/A1:200843 and EN143:2000/A1:2006.

- **Durable manufactured from natural rubber and features fully adjustable straps ensuring a comfortable and efficient fit with maximum protection**
- **The A1 P2 cartridges offer protection from organic vapours and gases and are replaceable**

Part No.	Qty	Description
WS50	1 Kit	Half Mask
WS51	4	Replacement Cartridges

MOLDEX



MOLDEX Smart Series FFP Masks + Valve

Approved to EN149:2001.

- **The clip and adjustable strap make putting the mask on and off easier.**
- **During breaks the mask can be worn around the neck.**

Part No.	Box of	Description
MX2385	20	FFP1 + Ventex Valve
MX2485	20	FFP2 + Ventex Valve
MX2505	10	FFP3 + Ventex Valve

MOLDEX

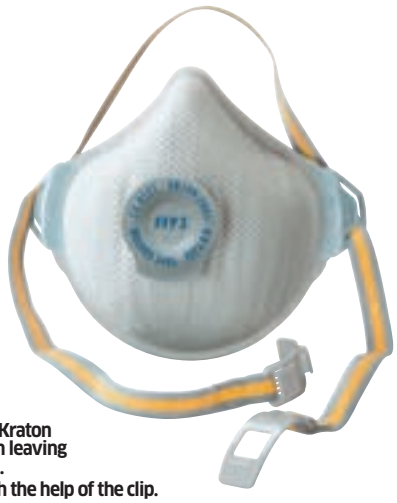
MOLDEX Compact Half Face Mask

Tested and certified to EN 405:200. Maintenance free and ready for use.

- **Wide field of vision**
- **Unrestricted freedom of movement**
- **Lightweight and comfortable**
- **FlexFit: automatically adjusts to different face shapes**
- **Pleated Filter Technology: low breathing resistance, high durability**

Part No.	Pack Qty	Protection Level
MX5120	1	FFA1P2 R D
MX5230	1	FFA2P3 R D
MX5330	1	FFA1B1E1P3 R D
MX5430	1	FFA1B1E1K1P3 R D

MOLDEX



MOLDEX AIR Plus Reusable FFP3 Masks

Approved to EN149:2001.

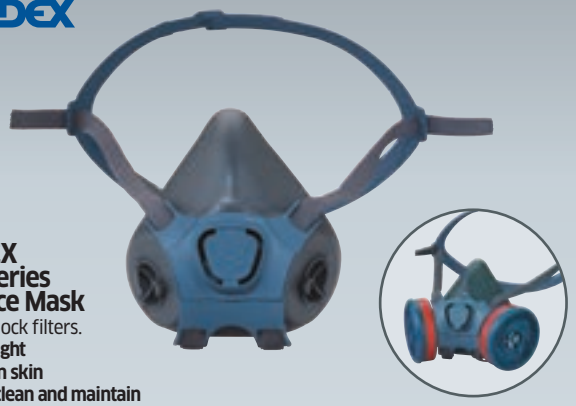
- **Washable full face seal.**
- **The full face seal is made of soft Kraton material, so it can be wiped clean leaving the mask ready to be used again.**
- **Strap length can be adjusted with the help of the clip.**

Part No.	Box of	Description
MX3405	5	FFP3 + Ventex Valve

Looking for Full Face Masks?

Our range of full face masks with replacement filters features overleaf

MOLDEX



MOLDEX 7000 Series Half Face Mask

Uses Easylock filters.

- **Lightweight**
- **Gentle on skin**
- **Easy to clean and maintain**

Part No.	Qty	Description
MX7002	1	Medium Mask
MX7003	1	Large Mask
MX7122	1 Kit	Medium Mask & x 2 A1P2 Filters
MX7232	1 Kit	Medium Mask & x 2 A2P3 Filters
MX7432	1 Kit	Medium Mask & x 2 ABEK1P3 Filters

MOLDEX

MOLDEX 9000 Series Full Face Mask

Extremely lightweight with excellent periphery vision. The lens is made from scratch resistant polycarbonate and is easy to clean thanks to the hydrophobic coating.

Uses Easylock filters (not supplied).

- **Panoramic lens**
- **Easy to clean and maintain**
- **Class 2**

Part No.	Qty	Description
MX9002	1	Medium Mask
MX9003	1	Large Mask

MOLDEX

MOLDEX EasyLock Filters For 7000 + 9000 Series

EasyLock particulate filters can either be connected to the EasyLock gas cartridges or directly with the mask body.

- **Revolutionary filter system**
- **No need for additional clips or holders**
- **Different filters can be combined**

Part No.	Pack Qty	Type
MX9100	1 Pair	A1 Gas Filters
MX9400	1 Pair	ABEK1 Gas Filters
MX9020	1 Pair	P2 R D Particulate Filters
MX9030	1 Pair	P3 R D Particulate Filters
MX9200	1 Pair	A2 Gas Filters
MX9500	1 Pair	A2B2E1 Gas Filters
MX9600	1 Pair	AX Gas Filters (Single Use)

MOLDEX

MOLDEX 'Spark Plugs' Disposable Earplugs Dispenser Stations with Earplugs

The dispensing system is made of recyclable material. As the dispenser mechanism is automatically replaced with every refill plugs remain hygienic. (Mounting bracket shown available separately).

Part No.	Contains	Description
MX7825	250 Pairs	Small Station
MX7850	500 Pairs	Large Station
MX7060	1	Mounting Bracket c/w Fittings

MOLDEX

MOLDEX 'Spark Plugs' Disposable Earplugs

Approved to EN352-2:2002. Contoured shape, comfortable PU foam earplugs. Suited to protect against long-term exposure. Soft material that is easy to insert.

Part No.	Pack of	SNR	High, Medium, Low
MX7800	20 Pairs	35dB	(34, 32, 31dB)

MOLDEX

MOLDEX 'MelLows' Disposable Earplugs

Approved to EN352-2:2002. Contoured shape, comfortable PU foam earplugs. Suited to protect against long-term exposure. Soft material that is easy to insert.

- **Protects against lower noise levels**
- **Designed to keep you in touch with your environment and aid communication**

Part No.	Pack of	SNR	Nigh, Medium, Low
MX7600	20 Pairs	22dB	(26, 18, 12dB)

MOLDEX

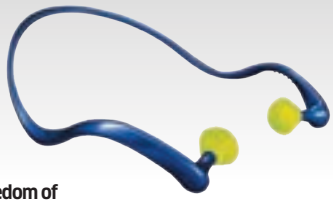
MOLDEX 'Jazz-Band' Reusable Banded Earplugs

Approved to EN35-2:1991. The convenient option against intermittent noise throughout the day. Dual material technology reduces noise transmission.

- **Complete with neck cord with safety release mechanism**

Part No.	Pack of	SNR	High, Medium, Low
MX6700	1 Pair	23dB	(25, 19, 18dB)
MX6750	2 Pairs	Replacement Pods	

MOLDEX



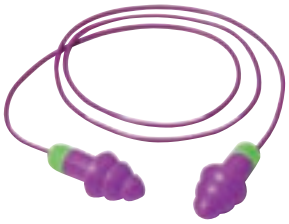
MOLDEX WaveBand Earplugs 27dB

Tested and certified to EN 352-1:2002.
100% PVC free.

- **Anatomical design allows for more freedom of movement and reduced contact noise**
- **Reusable plastic storage pouch for hygienic storage**
- **Replaceable foam plugs for cleanliness and increased product life**

Part No.	Qty	SNR
MX6810	1 Pair	**27dB**

MOLDEX



MOLDEX 'Rockets Cord' Reusable Earplugs

Approved to EN352-2:2002.
For long term exposure to noise.
Supplied in a compact plastic storage case.

- **Washable plugs made of soft and durable Kraton material.**
- **Dual material ensures easy insertion & maximum comfort.**

Part No.	Pack of	SNR	High, Medium, Low
MX6401	1 Pair	**30dB**	(31, 26, 24dB)

DELTAPLUS

DELTAPLUS High Visibility Disposable Corded Ear Plugs

Approved to EN352-2

- **HV disposable PU earplugs with plastic cord.**
- **Ergonomic design for more comfort.**

Part No.	Qty	SNR	High, Medium, Low
WS404	20 Pairs	**34dB**	(33, 31, 30dB)

JSP

JSP Ear Plugs - Reusable Type

Supplied with cord.

Part No.	Pack of	Description
WS20	5 Pairs	**Reusable Ear Plugs**

Ear Defenders

Glass filled nylon ear cups, polystyrene pads with flexible foam protection.
BS 6344 Part 2.
Frequency range: 1000 - 8000 Hz.

Part No.	Qty	Description
WS15	1 Pair	**Ear Defenders**

DELTAPLUS

DELTAPLUS Ear Defenders

Approved to EN352-1.
ABS and synthetic foam cups. ABS headband.

- **Adjustable in height to give an individual fit.**
- **Padded and flexible.**

Part No.	Qty	SNR	High, Medium, Low
WS408	1 Pair	**26dB**	(30, 24, 15dB)

DELTAPLUS

DELTAPLUS Foldable Ear Defenders

Approved to EN352-1.
Supplied with carry bag and belt clip.

- **Adjustable in height to give an individual fit**
- **ABS and synthetic foam cups**
- **Double plastic headband**
- **Can be folded away into a compact size for easier storage and hygiene**

Part No.	Qty	SNR	High, Medium, Low
WS409	1 Pair	**30dB**	(33, 29, 19dB)

MOLDEX

MOLDEX Ear Defenders 30dB

Tested and certified to EN 352-1:2002.
100% PVC free.

- **Light and flexible with low contact pressure**
- **Cushions made from viscoelastic foam**
- **Ribbed air cushions for cool comfort**

Part No.	Qty	SNR
MX6110	1 Pair	**30dB**

Noise At Work Regulations

Noise	Level
Jet Engine	140dB
Riveting Hammer	130dB
Car Horn	120dB
Pop Concert	110dB
Plate Fabrication Shop	100dB
Traffic Noise	85dB
Milling Machine	80dB
Conversational Speech	70dB
Office	60dB

How hearing is damaged
Exposure to high levels of noise greater than 80dB will result in damage to your hearing.

Short Term Exposure - May cause temporary mild deafness.
Long Term Exposure - May result in damage to the hair cells in the ear causing permanent hearing loss.
Short Term Exposure - May rupture the eardrum or damage the small bones in the ear.

What does the law say?
The Control of Noise at Work Regulations 2005 states that if the noise levels in the workplace exceed 80dB(A) (Lower Exposure Action Value), hearing protection must be available on request. If the noise levels exceed 85dB(A) (Upper Exposure Action Value), the provision and wearing of hearing protection is mandatory. An Exposure Limit of 87dB(A) has been introduced, this level of noise must not be exceeded even when wearing ear protection.

What protection do I need?
The SNR (Single Number Rating) indicates how much protection a product will give in a noisy environment. For example if your working environment is about 100dB using hearing protection like the MOLDEX 'Spark Plugs' with an SNR of 35 will reduce the noise for the wearer to about 65dB, well below the legal requirement. Ear defenders are more effective when protecting against high frequency sound and it is easy to over estimate the performance of ear defenders against low frequency noise.

Hi-Vis Vest

Conforms to EN 471 Class 2.
100% polyester fabric hook & loop fastening.

Part No.	Qty	Size	Colour
WS400	1	M	Fluorescent Yellow
WS401	1	L	Fluorescent Yellow
WS402	1	XL	Fluorescent Yellow
WS405	1	XXL	Fluorescent Yellow
WS459L	1	L	Fluorescent Orange
WS459XL	1	XL	Fluorescent Orange

DELTAPLUS

DELTAPLUS '2 in 1' Hi-Vis Bomber Jacket/ Body Warmer

Approved to EN343:2003 A1:2007 / EN ISO 20471:2013 High visibility Class 3.
Silver coloured shoulder-belt and parallel assembly.

- **Bomber jacket with removable sleeves**
- **Collar with polar lining for optimal comfort**
- **Knitted cuffs and at bottom of garment**
- **4 x Pockets**

Part No.	Qty	Size	Colour
WS452L	1	L	Fluorescent Yellow
WS452XL	1	XL	Fluorescent Yellow

DELTAPLUS

DELTAPLUS Hi-Vis Parka

Approved to EN ISO 13688:2013 / EN ISO 20471:2013 / EN343:2003 A1:2007. High visibility Class 3.
Silver colour shoulder-belt and parallel assembly

- **Warm parka waterproof seams**
- **Fixed hood**
- **Fastening with zip under Hook & Loop storm flap**
- **4 x Pockets**

Part No.	Qty	Size	Colour
WS454L	1	L	Fluorescent Yellow/Navy Blue
WS454XL	1	XL	Fluorescent Yellow/Navy Blue

DELTAPLUS

DELTAPLUS Bodywarmer - Black

PVC-coated polyester bodywarmer.

- **Collar with polar lining for optimal comfort**
- **Wadded polyester polar fleece lining**
- **Lower back protection**

Part No.	Qty	Size	Colour
WS458M	1	M	Black
WS458L	1	L	Black
WS458XL	1	XL	Black

DELTAPLUS

DELTAPLUS Softshell Jacket

- **Fastening with zip under storm flap**
- **Bottom of sleeves with bias finishing**
- **5 x Pockets**
- **Adjustable bottom of garment with elastic drawstring**

Part No.	Qty	Size	Colour	Chest
WS453M	1	M	Grey-Black	48/50
WS453L	1	L	Grey-Black	52/54
WS453XL	1	XL	Grey-Black	56/58

EV Arc Flash Hoodie

Arc flash protective fleece with hood. This premium hooded sweatshirt features a warm neck design, ideal for working outside.

- **Constructed from 320gsm VXS+ inherent sweat fabric with a brushed inner fleece lining for warmth**
- **Breathable, soft to wear and fantastic to touch**
- **Round neck higher collar**

Part No.	Qty	Colour	Description	Size
EVH12	1	Navy	EV Hoodie	S
EVH13	1	Navy	EV Hoodie	M
EVH14	1	Navy	EV Hoodie	L
EVH15	1	Navy	EV Hoodie	XL

DELTAPLUS Rain Suit

Approved to EN ISO 13688:2013 / EN343:2003 A1:200. Weatherproof Rating 3 -1*.

JACKET:

- Fastening with zip under storm flap
- Fixed hood
- Raglan sleeves and adjustable cuffs with press-studs
- 2 x Pockets

TROUSERS:

- Elasticated waist
- Adjustable bottom of legs with press-studs
- 2 x Hand slits

Part No.	Qty	Size	Chest
WS455L	1 Set	L	52/54
WS455XL	1 Set	XL	56/58

DELTAPLUS Disposable Type 5/6 Coverall

Approved to EN ISO 13982-1:2004 / A1:2010 / EN13034:2005 / A1:2009

- 100% SMS
- Fastening with zip under flap.
- Elasticated round head, waist, cuffs and ankles.
- Individual pack.
- 0% Silicone/Latex.
- Anti-Static.
- Breathable fabric .
- Non woven 100% SMS 50 g/m².

Part No.	Qty	Size
WS457L	1	L
WS457XL	1	XL

DELTAPLUS Cargo Style Work Trousers

Approved to EN ISO 13688:2013. Navy with royal blue trim

- Elasticated waist on both sides.
- 7 pockets including 1 ruler.
- Twill 65% polyester 35% cotton 245 g/m².

Part No.	Qty	Size	Waist	Leg Length
WS450M	1	M	38/40	32
WS450L	1	L	42/44	32
WS450XL	1	XL	46/48	32

DELTAPLUS Working Overalls

Approved to EN ISO 13688. Navy with black trim.

- Front zip fastening with bias finishing
- Elasticated waist & cuffs
- 7 x Pockets
- Twill 65% polyester 35% cotton 245 g/m²

Part No.	Qty	Size	Chest
WS451M	1	M	48/50
WS451L	1	L	52/54
WS451XL	1	XL	56/58

DELTAPLUS Gel Kneepads

Approved to EN14404:2004 / A1:2010

- Outside anti slip shell.
- Elastic hook & loop band to maintain the knee.
- Adjustable strips in elastic hook & loop.

Part No.	Qty	Description
WS418	1 Pair	Gel Kneepads

DELTAPLUS Kneepads for Trouser Inserts

Approved to EN14404:2004 / A1:2010. Polyethylene foam.

Part No.	Qty	Size
WS419	1 Pair	200 x 150 mm

DELTAPLUS

DELTAPLUS Lightweight Composite Water Resistant Leather Hiker Safety Boots - Black

Approved to EN ISO 20344:2011 / EN ISO 20345:2011.
Outsole: Ladder lateral grips, cleats with grip on all indoor and outdoor surfaces.
Upper: Pigmented split leather, S3 water resistant treatment. Insole: Ultra flexible anti-perforation composite insole.

- **Ultra light weight**
- **Composite toe cap 200 joule, lighter than steel, non-conductive material**
- **Non metallic footwear**
- **Ideal for agriculture, construction, craftsmen, light industry, service logistics & mining**

Part No.	Qty	Size UK (EU)		Class	Performance
WS55008	1 Pair	8	(42)	S3	SRC
WS55009	1 Pair	9	(43)	S3	SRC
WS55010	1 Pair	10	(44.5)	S3	SRC

DELTAPLUS

DELTAPLUS Leather Safety Boots - Black

Approved to EN ISO 20344:2011 / EN ISO 20345:2011.
Upper: Pigmented split leather. Lining: Polyamide mesh.
Insole: Fixed - Polyamide on EVA. Outsole: Injected dual-density PU.

- **Ideal for construction, craftsmen, service logistics, light industry and mining**

Part No.	Qty	Size UK (EU)		Class	Performance
WS55308	1 Pair	8	(42)	S1P	SRC
WS55309	1 Pair	9	(43)	S1P	SRC
WS55310	1 Pair	10	(44.5)	S1P	SRC

DELTAPLUS

DELTAPLUS Water Resistant Leather Hiker Safety Boots - Black

Approved to EN ISO 20344:2011 / EN ISO 20345:2011.
Upper: Pigmented split leather, S3 water resistant treatment.
Outsole: Ladder lateral grips, toe and heel grips.

- **Comfortable wider fit**
- **Anti fatigue sole with integrated flexing zone**
- **Reflective strip**
- **Reinforced toe protection with PU cover (Bumper Cap System)**
- **Ideal for agriculture, construction, craftsmen, light industry, service logistics & mining**

Part No.	Qty	Size UK (EU)		Class	Performance
WS55708	1 Pair	8	(42)	S3	SRC
WS55709	1 Pair	9	(43)	S3	SRC
WS55710	1 Pair	10	(44.5)	S3	SRC

DELTAPLUS

DELTAPLUS Nubuck Leather Hiker Safety Boots

Approved to EN ISO 20344:2011 / EN ISO 20345:2011.
Upper: Cow Nubuck. Midsole: Steel. Outsole: PU/rubber.
Lining: Polyester. Insole: Removable, Polyester 4 mm EVA.

- **Ideal for craftsmen, light industry and service logistics**

Part No.	Qty	Colour	Size UK (EU)		Class	Performance
WS55808	1 Pair	Sand	8	(42)	S1P HRO	SRC
WS55809	1 Pair	Sand	9	(43)	S1P HRO	SRC
WS55810	1 Pair	Sand	10	(44.5)	S1P HRO	SRC
WS55908	1 Pair	Black	8	(42)	S1P HRO	SRC
WS55909	1 Pair	Black	9	(43)	S1P HRO	SRC
WS55910	1 Pair	Black	10	(44.5)	S1P HRO	SRC

DELTAPLUS

DELTAPLUS Lightweight Slip-On Safety Shoes

Approved to EN ISO 20344:2011 /
EN ISO 20345:2011. Upper: Polyester and cotton.
Insole: Removable preformed polyester on EVA. Midsole: Injected single density PU.

- **Ultra lightweight for all day comfort**
- **Ideal for craftsmen, light industry and service logistics**

Part No.	Qty	Colour	Size UK (EU)		Class	Performance
WS55104	1 Pair	Blue	4	(37)	S1P	SRC
WS55105	1 Pair	Blue	5	(38)	S1P	SRC
WS55106	1 Pair	Blue	6	(39)	S1P	SRC
WS55107	1 Pair	Blue	7	(40.5)	S1P	SRC
WS55108	1 Pair	Blue	8	(42)	S1P	SRC
WS55204	1 Pair	Black	4	(37)	S1P	SRC
WS55205	1 Pair	Black	5	(38)	S1P	SRC
WS55206	1 Pair	Black	6	(39)	S1P	SRC
WS55207	1 Pair	Black	7	(40.5)	S1P	SRC
WS55208	1 Pair	Black	8	(42)	S1P	SRC

Safety Boots + Footwear - Selection Guide

To make selection easier, safety boots and footwear normally carries a simple two or three letter code which defines the basic safety standards for that particular product. Typically this begins with an S for 200 Joule toe caps and less commonly P for 100 Joule toe caps; additional properties may be indicated by the use of further codes or pictograms.

As a basic requirement safety footwear must have a 200 joule toe cap. Other properties that may be included are: penetration resistance (midsole protection), conductive, anti-static, insulated against heat or cold, energy absorbing, outsole resistant to hot contact, water resistant.

Summary of Basic Ratings

SB Safety basic, 200 joules Toe Protection, Oil Resistant outer sole. (Minimum Requirement)

SBP As SB plus Mid-Sole for penetration resistance.

S1 As SB plus Anti-Static properties and fully enclosed Energy Absorbing heel area.

S1P As S1 plus Mid-Sole for penetration resistance.

S2 As S1 plus resistance to Water Penetration and absorption.

S3 As S2 plus Mid-Sole for penetration resistance and cleated outsole

Toe Protection (SB)

Your toes are a very vulnerable part of your body, especially in a workplace. Toe protection must withstand a 200 joule impact. Joule is the unit of energy and this standard is purposefully specific. Something heavy falling from a low height could have a lot less energy than something lighter from a much higher height. As well as impacts, the toe area must withstand a resting mass of well over 1000kg.

Most people have heard of steel toe cap boots but the protection doesn't have to be steel. In fact there are advantages to alternatives. Non-metallic protection can be equally as strong but lighter.

Midsole Penetration Protection (P) - SBP, S1P, S3

Sharp objects where we walk and stand are a significant risk not only in the workplace but also outdoors and at home. Midsole protection will guard against nails and other objects. To meet this standard the footwear must be able to resist a penetration force of 1100N. Midsole protection is provided in one of these methods: a stainless steel insert in the sole, aluminium insert in the sole, or by Kevlar insole. The Aluminium and Kevlar solutions are the most flexible and lightest and cover the greatest area of the foot. Kevlar insoles also offer much higher thermal insulation.

E **Energy Absorption**
Energy Absorption in the heel region

WRU **Water Resistant Upper**
Water resistant upper; not used on all rubber or polymeric footwear.

HRO **Heat Resistant**
Heat resistant outsole: to resist 300°C for 60 seconds

CI **Insulation against Cold**
Insulation against cold: tested for 30 minutes at 1-20°C

HI **Insulation against heat**
Insulation against heat: tested for 30 minutes at 150°C

ESD **Electro-Static Discharge**
ESD footwear is designed for the electronics and explosives industry and meet ESD CEI EN 61340-5-1 standard.

Non-metallic footwear

Safety footwear containing no metal parts is ideal for workplaces with metal detectors like airports, eliminating the hassle of removing them.

All safety footwear can have more features than are listed above but these are the minimum requirements to meet each of the safety ratings and the most common.

Options for specific protection are categorised as:

A Antistatic: Comes as standard with level S1, S2 and S3

E Energy absorbing heel: Comes as standard with level S1, S2 and S3

P Puncture Resistant: Comes as standard with level SBP, S1P and S3

HRO Heat Resistant Outsole: Comes as standard with level SB, S1, S2 and S3

Slip Resistance

The safety features of footwear, including slip resistance, are also tested according to a set of European test standards written into EN ISO 20344:2011 Personal protective equipment. Test methods for footwear.

Depending on the test conditions chosen, footwear tested according to the EN standards is now marked with one of the following codes: SRA, SRB, SRC.

The codes indicate that the footwear has met the specified requirements when tested as follows:

SRA Tested on ceramic tile wetted with dilute soap solution

SRB Tested on smooth steel with glycerol

SRC Tested under both the above conditions.

EV Safety Boots

Protective boot with fibreglass toecap and composite anti-penetration flexi-midsole.

- **Complete with scuff cap and shock absorbing dual density EVA nitrile rubber outsole**
- **Upper material water repellent full grain black nubuck with breathable mesh panels**
- **Certified to withstand electrical risks of 18KV in accordance with the ASTM F2412-18 test method**
- **Specification: EN ISO 20345:2011 SB P E WRU FO SRC + ASTM F 2413-18 M/I/C R EH**

Part No.	Qty	Description	Size
EVH48	1 Pair	EV Safety Boots	8
EVH49	1 Pair	EV Safety Boots	9
EVH50	1 Pair	EV Safety Boots	10
EVH51	1 Pair	EV Safety Boots	11
EVH52	1 Pair	EV Safety Boots	12

DELTAPLUS

DELTAPLUS Restraint Work Harness Kit

Approved to EN355:2002 / EN361:2002 / EN363 : 2008 / EN364 : 1992 / EN365 : 2004.
Ready for use kit:
1 fall arrester anchorage point harness (back).

- **2 x Adjustment loops**
- **2 x Adjustable side plates with lanyard**
- **1 x Connector**

Part No.	Qty	Description	Size
WS472	1 Kit	**Work Harness Kit**	L

Lanyard in irremovable stranded rope Ø 12 mm. Length 1.50 m.

DELTAPLUS

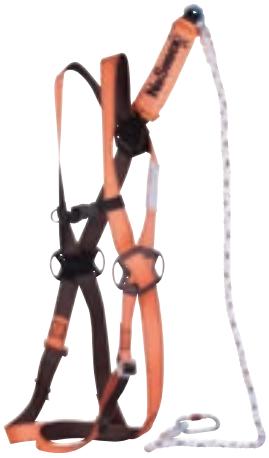
DELTAPLUS 'Classic' Fall Arrester Kit

Approved to EN355:2002 / EN361:2002 / EN363:2008 / EN364:1992 / EN365:2004.
Ready for use fall arrester kit:
2 fall arrester anchorage point harness (back - front).

- **2 x Adjustment loops**
- **2 x Adjustable side plates**
- **1 x Screw Karabiner**

Part No.	Qty	Description	Size
WS471	1 Kit	**Fall Arrester Kit**	L

1 x Fall arrest with non removable energy absorber in stranded rope dia. 12mm, length 2 m.



DELTAPLUS

DELTAPLUS 'Scaffolding' Fall Arrester Kit

Approved to EN355:2002 / EN361:2002 / EN362:2004 / EN363:2008 / EN364:1992 / EN365:2004.
Ready for use fall arrester kit:
2 fall arrester anchorage point harness (back - front).

- **2 x Adjustment loops**
- **2 x Adjustable side plates**

Part No.	Qty	Description	Size
WS470	1 Kit	**Fall Arrester Kit**	L

Fall arrest with energy absorber with lanyard strap, length 2 m, equipped with 1 connector and 1 hook.

DELTAPLUS

DELTAPLUS Fall Arrester Harness

Approved to EN361:2002 / EN363:2008 / EN364:1992 / EN365:2004 / EN355:2002 / EN361:2002

- **2 x Fall arrester anchorage point harness (back - front)**
- **2 x Adjustment loops**
- **2 x Adjustable lateral plates**

Part No.	Qty	Description	Size
WS473	1	**Fall Arrester Harness**	L

DELTAPLUS

DELTAPLUS 'Riplight System II®' Fall Arrester Harness

Approved to EN361:2002 / EN363:2008 / EN364:1992 / EN365:2004 / EN355:2002 / EN361:2002.
Elasticated harness with extensible 'Riplight System II®' patented waves.

- **2 x Fall arrester anchorage points (back - front)**
- **4 x Adjustable buckles**

Part No.	Qty	Description	Size
WS474	1	**Fall Arrester Harness**	L

DELTAPLUS

DELTAPLUS Energy Absorber Lanyard

Approved to EN363:2008 / EN364:1992 / EN365:2004 / EN355:2002.
Fall arrester with energy absorber in woven webbing with integrated crumple on the lanyard.

- **Retracted length: 1.40 m. Stretched length: 2 m**
- **1 x Screw lock karabiner in galvanized steel, opening 17 mm**
- **1 x Automatic hook lock in galvanized steel, large opening 55 mm**

Part No.	Qty	Description
WS475	1	**Energy Absorber Lanyard**

DELTAPLUS

DELTAPLUS Lanyard

Approved to EN363:2008 / EN364:1992 / EN365:2004 / EN358:2002.

- **Adjustable work positioning lanyard via reducer**
- **Protective sheath on the splices**

Part No.	Qty	Rope Ø x Length
WS476	1	**12 mm x 2 m**

DELTAPLUS

DELTAPLUS Screw Karabiner

Galvanized steel. Approved to EN362:2004 / EN363:2008 / EN364:1992 / EN365:2004. R > 23 kN.
Set of 5 screw lock karabiners in galvanized steel.

- **Automatic locking mechanism**
- **Large eye opening**

Part No.	Qty	Opening
WS477	5	**17 mm**

DELTAPLUS

DELTAPLUS Automatic Lock Hook

Approved to EN362:2004 / EN363:2008 / EN364:1992 / EN365:2004
Set of 2 automatic hooks lock in galvanized steel.

- **Large opening 55 mm**
- **Eye hook. R > 20 kN.**

Part No.	Qty	Description
WS478	2	**Lock Hook**

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Welding, Gas + Abrasives

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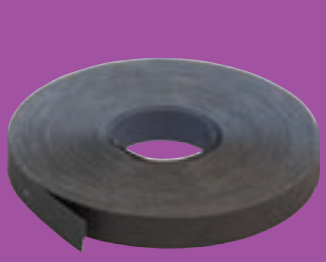
408 Welding Protection
409 Welding Rods
409 Welding Electrodes
410 Welding Accessories
412 Soldering
414 Gas Heating Spares
416 Gas Brazing
417 Grinding Wheels
417 Abrasive Rolls
418 Wire Wheels
419 Wire Brushes
422 Abrasive Rolls
423 Abrasive Paper
424 Abrasive Flap Discs
425 Abrasive Discs
426 Sanding Discs
427 'Quick Lock' Mini Abrasives
428 Poly Discs
429 Flap Discs
430 Finishing Pads
432 Thin Cutting Discs
434 Cutting Discs
435 Grinding Discs
436 Rotary Burrs
438 Hand Files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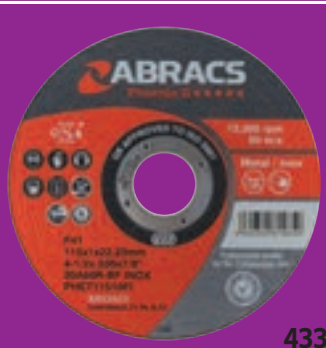

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Welders' Face Shield - Hand Held Type

EN 175. Aperture.

Part No.	Qty	Takes Lens Size
WS22	1	4 1/4" x 3 1/4" (108 x 82.5 mm)

Welders' Face Shields

Complete with headband and fixed lens holder (Lens NOT included).

Part No.	Qty	Takes Lens Size
WS36	1	4 1/4" x 3 1/4" (108 x 82.5 mm)

Welders' Face Shields

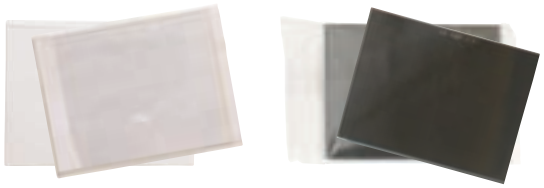
Complete with headband and flip-up lens holder (Lens NOT included).

Part No.	Qty	Takes Lens Size
WS37	1	4 1/4" x 2" (108 x 51.0 mm)

Face Shield Lenses - 4 1/4" x 2"

DIN 0196CE where applicable. (108 x 51 mm).

Part No.	Pack of	Lens Type
WS22C	5	Anti-Spatter
WS22S	5	Shade No. 10



Face Shield Lenses - 4 1/4" x 3 1/4"

DIN 0196CE where applicable. (108 x 82.5 mm).

Part No.	Pack of	Lens Type
WS22CA	5	Anti-Spatter
WS22SA	5	Shade No. 10

Welding Goggles

One-piece. Spatter resistant lenses incorporating a gas welding filter for gas welding only. BS 679/1959.

Part No.	Qty	Lens Colour
WS4	1	Shade 5

Welding Goggles - Flip-Up Type

Flexible body with 50 mm round polycarbonate lenses and indirect vents for gas welding only. KM348551F.

Part No.	Qty	Lens Colour
WS16	1	Shade 5

Wide Vision Welding Goggles

CE marked. 99.9% UV/B protection.
EN166 / EN171 / EN175.
Fits over most spectacles. Anti scratch/mist.

Part No.	Qty	Lens Colour	Markings
WS1511	1	Shade 5	4-5 1 BT 9 O

Wraparound Safety Spectacles with Rubber Nose Pads

CE marked. 99.9% UV/B protection.
EN166 / EN170 (*EN172) (†EN171).
Comfortable lightweight design, rubber nose pads and soft temple tips. Anti scratch.

Part No.	Qty	Lens Colour	Markings
WS1500	1	Shade 5†	4-5 1 FT O

Gauntlets

With tough cotton fleece lining, 5" cuffs. Colour may vary.

Part No.	Qty	Description	EN388 Rating
WS8	1 Pair	Gauntlets	4133

'Super 6' General Purpose Welding Electrodes

AWS: E6013 EN ISO 2560: E420 RC11.
Universal electrode for welding in all positions on AC and DC (AC>70V). Especially suitable for where one single type of electrode is required. General purpose electrode for welding high tensile steels and low alloy steel.
The weld metal shows an excellent low temperature toughness and high crack resistance. Applications: General fabrication, repair & maintenance.

Part No.	Weight	Size
WR51	5 kg	2.0 x 400 mm
WR52	5 kg	2.5 x 400 mm
WR53	5 kg	3.2 x 400 mm
WR54	5 kg	4.0 x 400 mm

HILCO 'Red Extra' Welding Electrodes

Steels, General Rutile.
AWS: E6013 DIN: E 51 32 R(C)3.

- **Suitable for general purpose electrode, including thin sheet work.**
- **Easy striking, even on transformers with a low open circuit voltage.**

Part No.	Qty	Ø	Weight
WR41	1	2.0 mm	4.1kg
WR42	1	2.5 mm	5.0 kg
WR43	1	3.2 mm	5.0 kg
WR44	1	4.0 mm	5.0 kg

Welding Curtain Set

Flame retardant to EN 1598. Dimensions: 6 x 6 ft.
Galvanised steel box section for enhanced strength.
Set contains: 1 x Metal Frame, 1 x PVC Green Curtain: 6 x 6 ft, 20 x Curtain Rings.

- **Suitable for all types of welding: MIG, TIG, stick, oxy/fuel and plasma cutting**
- **Lightweight and portable**
- **Quick and easy to erect**

Part No.	Qty	Description
WS500	1 Set	Welding Curtain Set
WS501	1	Replacement PVC Green Curtain
WS502	1	Replacement Metal Frame
WS503	20	Replacement Curtain Rings

SIF 'Sifsteel No. 11' Welding Rods

Steel. Low carbon copper coated mild steel. BS 1453 A1.
For all classes of mild steel and wrought iron.

Part No.	Weight	Size	Equiv
WR1	2.5 kg	1.6 mm	1/16"
WR2	2.5 kg	2.4 mm	3/32"
WR3	2.5 kg	3.2 mm	1/8"

SIF 'Sifredicote' Brazing Rods - Flux Coated

BS EN ISO 17672:2016 CU 470. A 'Sifbronze' No. 1 with a full flux coating.

- **Provides a faster continuous brazing through not having to flux-dip.**
- **Ideal for general mild steel work, galvanised steel and dissimilar metal applications.**

Part No.	Weight	Size	Equiv
WR83	1 kg	3.2 mm	1/8"

SIF 'Sifbronze No. 1' Brazing Rods

Non-impregnated. BS 1845 CZ6 / BS 1453 C2.

Part No.	Weight	Size	Equiv
WR11	1 kg	1.6 mm	1/16"
WR12	1 kg	2.4 mm	3/32"
WR13	1 kg	3.2 mm	1/8"

SIF Brazing Flux

Part No.	Qty	Size
WRF1	1	500g Tub

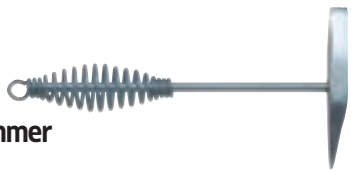
Earthing Clamp

Part No.	Qty	Amperage
WS72	1	400 A

Electrode Holder

Twist type.

Part No.	Qty	Amperage
WS74	1	400 A



Chipping Hammer

Sprung handle.

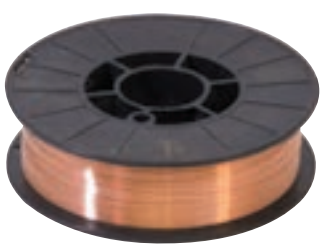
Part No.	Qty	Description
WS70	1	Chipping Hammer

Spanner/ Cylinder Keys

Part No.	Pack of	Description
WS13A	1	Spanner/Cylinder Key
WS13	2	Spanner/Cylinder Keys

Welding Nozzle Cleaners

Part No.	Pack of	Description
WS14A	1	Nozzle Cleaners
WS14	5	Nozzle Cleaners



Mig Wire

Copper coated deoxidised steel for semi-automatic welding (CO_2 wire). BS 2901 A18.

Part No.	Qty	Diameter
WR73	5 kg Spool	0.6 mm
WR75	15 kg Spool	0.6 mm
WR74	5 kg Spool	0.8 mm
WR76	15 kg Spool	0.8 mm

Torch Spares for Mig No. 15 Type Torches

Part No.	Pack of	Size
WS84	10	Tips 0.6 mm
WS85	10	Tips 0.8 mm

Torch Spares for Mig No. 15 Type Torches

Part No.	Pack of	Description
WS86	2	Shrouds

Torch Spares for Mig No. 25 Type Torches

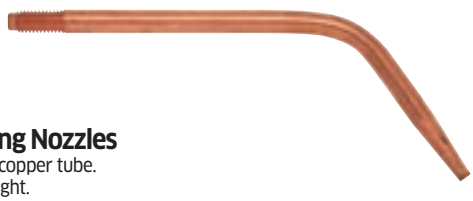
Part No.	Pack of	Size
WS89	10	Tips 0.6 mm
WS90	10	Tips 0.8 mm

Torch Spares for Mig No. 25 Type Torches

Part No.	Pack of	Description
WS91	2	Shrouds

Torch Spares for Mig No. 25 Type Torches

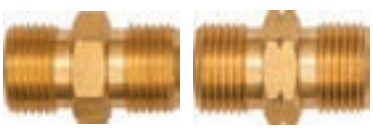
Part No.	Pack of	Description
WS92	2	Tip Adaptor



Welding Nozzles

Swaged copper tube. Lightweight.

Part No.	Pack of	Size No.
WS9	3	No. 2
WS10	3	No. 3
WS11	3	No. 5
WS53	3	No. 10



Male Fitting/Coupler

Suits fuel gases.

Part No.	Qty	Thread
GAS26	1	3/8" Left Hand
GAS25	1	3/8" Right Hand

Gas Cutting Nozzles - Acetylene

A-NMS. Suits 18/90 style torch.

Part No.	Qty	Size
WS60	1	1/32"
WS61	1	3/64"
WS62	1	1/16"

Gas Cutting Nozzles - Propane

P-NMS. Suits 18/90 style torch.

Part No.	Qty	Size	Cutting Capability
WS64	1	1/32"	3 - 6 mm Plate
WS67	1	3/64"	5 - 12 mm Plate
WS63	1	1/16"	10 - 75 mm Plate
WS68	1	5/64"	70 - 100 mm Plate
WS66	1	3/32"	90 - 150 mm Plate
WS65	1	1/8"	140 - 300 mm Plate

Welding Cable Plug

BS EN 60974-12. A standard Dinse type plug.

Part No.	Pack of	Type/Cable Size
WCP25	1	10-25 mm²
WCP50	1	35-50 mm²

Welding Cable Socket

BS EN 60974-12. A standard Dinse type socket.

Part No.	Pack of	Type/Cable Size
WCS50	1	35-50 mm²
WCS25	1	10-25 mm²

Stud Welding Panel Pins

Copper coated pins for use with dent pulling stud welders.

Part No.	Pack of	Dia x Length
DRP1	500	2.0 x 50 mm

Triple Flint Lighter

Part No.	Qty	Description
WS54	1	Triple Flint Lighter

Triple Flints

Suits Part No. WS54.

Part No.	Pack of	Description
WS55	10	Triple Flints

Flint Lighter

Pistol type.

Part No.	Qty	Description
WS12	1	Flint Lighter

SAS

S·A·S Weld Anti-Spatter

Water Based

- Provides a protective oily film for use in welding
- Silicone FREE formula.

Part No.	Pack of	Size
SAS9	6	400ml Aerosols

sif

SIF Brazing Flux

Part No.	Qty	Size
WRF1	1	500g Tub

Solder Wire

Flux cored. 40% Tin / 60% Lead.
BS 441.
• **General purpose.**

Part No.	Qty	Diameter	
SO2	0.5 kg Coil	**1.6 mm Ø**	(16 SWG)
SO1	0.5 kg Coil	**3.2 mm Ø**	(10 SWG)

Solder Wire

Flux cored. 60% Tin / 40% Lead.
BS 441.
• **For circuit boards, etc.**

Part No.	Qty	Diameter	
SO22	0.5 kg Coil	**0.7 mm Ø**	(22 SWG)
SO18	0.5 kg Coil	**1.2 mm Ø**	(18 SWG)

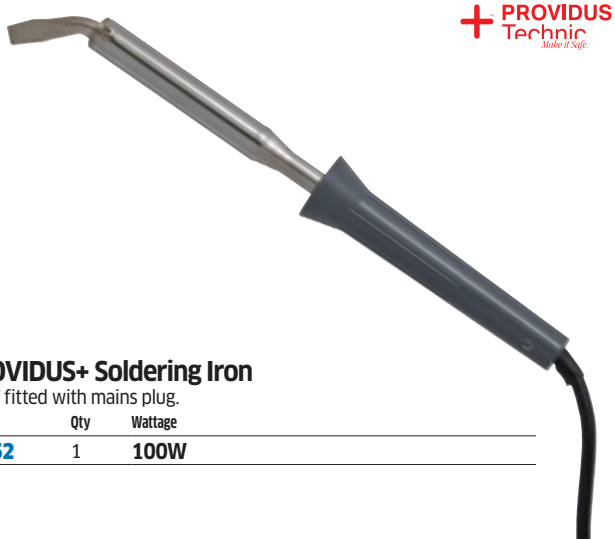
KS TOOLS GERMANY

KS TOOLS
Soldering Wire Holding Pliers

Special pliers for fixing wires during soldering.
Self closing spring and latching mechanism.

Part No.	Qty	Length
K115.1052	1	**245 mm**

PROVIDUS+ Technic Make it Safe.



PROVIDUS+ Soldering Iron

230V fitted with mains plug.

Part No.	Qty	Wattage
TL952	1	**100W**

Solder

Tinmans. 40% Tin / 60% Lead.

Part No.	Pack of	Approx. Weight
SO3	2 Sticks	**0.5 kg**

Solder

Body solder. 28% Tin / 72% Lead.

Part No.	Pack of	Approx. Weight
SO4	2 Sticks	**1 kg**

TEMPLER'S
'Telux' Soldering Flux

Milder formula. General purpose.
For copper pipe work, brass, mild steel and other metals.
Soft and easy to apply in a thin film, e.g. capillary joints on pipe work.
NOT suitable for use on Aluminium or Stainless Steel.

Part No.	Qty	Size
SO9	1	**50g Tin**
SO8	1	**250g Tub**

Soldering Flux

Zinc chloride rosin free.

Part No.	Qty	Size
SO6	1	**500ml Bottle**

KS TOOLS Micro Soldering Kit

Gas powered micro soldering equipment up to 1,300°C.
With Piezo ignition.Adjustable gas flow, refillable with gas lighter refills.
Supplied in robust storage case.

Part No.	Qty	Description
K960.1160	1 Set	10 Piece Set

1 x Gas soldering iron. 1 x Soldering head for screw-in soldering tips. 2 x Tips: 3.5 mm chisel tip, 4.5 mm diagonal tip. 1 x Heat-shrink tubing attachment. 1 x Cap Soldering. 1 x Solder wire spool. 1 x Cap. 1 x Tower housing. 1 x Soldering sponge.

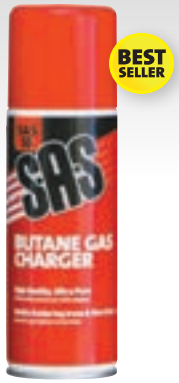
LASER Gas Soldering Kit

Part No.	Qty	Description
TL955	1 Set	5 Piece Set

1 x Torch with blow torch attachment. 2 x Soldering tips. 1 x Torch stand. 1 x Pack of solder.

Looking for Gas Brazing Torches & Gas?

A full range can be found on Page 416



S·A·S Butane Gas Chargers

High quality, ultra pure butane gas.
Fitted with universal refill adaptor.

- **Ideal for gas lighters, torches, gas soldering irons and glue guns.**

Part No.	Pack of	Size
SAS50	6	200ml Aerosols

KS TOOLS Universal Butane Soldering Gun

Temperature up to 1300°C / 2450°F.
Flame soldering burner with small bundled flamer for fine soldering work.
Dimensions: 36 x 143 x 92 mm.
Complete with table stand.

Part No.	Qty	Description
K960.1200	1	Soldering Gun

LASER Butane Gas Solder Torch

Butane gas powered, hand held gas torch.
Suitable for heating and shrinking applications.

- **Piezo electric ignition.**
- **Adjustable heat control.**

Part No.	Qty	Description
TL7600	1	Butane Gas Torch

Windproof Jet Flame Torch

Refills with standard butane gas chargers (suits Part No. SAS50).
Colour/model may vary.

- **Windproof jet flame**

Part No.	Qty	Description
TL130	1	Jet Flame Torch

Adjustable Propane Gas Regulator - 0.35 - 2 Bar

Outlet: 1/4" BSP Female.

Part No.	Qty	Pressure
GAS3	1	Adjustable 0.35 - 2.0 Bar

Adjustable Propane Gas Regulator - 0.5 - 1 Bar

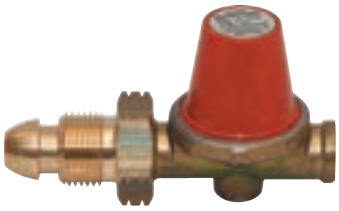
Outlet: 1/4" BSP Female.

Part No.	Qty	Pressure
GAS4	1	Adjustable 0.5 - 1.0 Bar

Fixed Propane Gas Regulator - 37 Mbar

Outlet: For 10 mm Ø bore hose.

Part No.	Qty	Pressure
GAS7	1	Fixed 37 Mbar



Fixed Propane Gas Regulator - 1 Bar

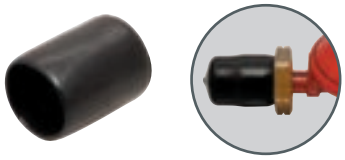
Outlet: 1/4" BSP Female.

Part No.	Qty	Pressure
GAS5	1	Fixed 1 Bar

Fixed Propane Gas Regulator - 2 Bar

Outlet: 1/4" BSP Male

Part No.	Qty	Pressure
GAS6	1	Fixed 2 Bar



Regulator Thread Protection Caps

Black Rubber

Part No.	Pack of	Description
GAS23	50	Protection Caps

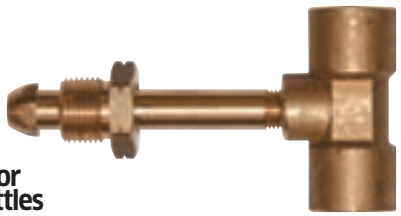
Propane/Butane Gas Bottle Spanner

Lightweight type. Pressed gas regulator spanner fits propane regulators and butane regulators with a 28/30mm nut.

Part No.	Qty	Description
GAS24	1	Gas Bottle Spanner

Pigtail Propane Gas Hose

Part No.	Qty	Length
GAS32	1	18"



T Manifold for Propane Bottles

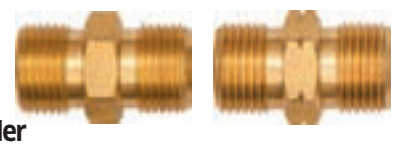
Brass.

Part No.	Qty	Description
GAS30	1	T Manifold

Regulator Gas Tails - 1/4" BSPT Male

Zinc. 60° coned seat.

Part No.	Qty	Hose I.D.	
GAS20	1	4.8mm	(3/16")
GAS21	1	6.3mm	(1/4")
GAS22	1	8.0mm	(5/16")



Male Fitting/Coupler

Suits fuel gases.

Part No.	Qty	Thread
GAS26	1	3/8" Left Hand
GAS25	1	3/8" Right Hand

Butane Fixed Low Pressure 'Quick-On' Regulators - 28 Mbar

Conforms to EN 12864.
Outlet: For 10 mm Ø bore hose.

Part No.	Qty	Cylinder Diameter
GAS8	1	20 mm
GAS9	1	21 mm

Gas Hoses

BS3212: 1991/2/4,8. High pressure LPG.

Part No.	Qty	Dia x Length	
GAS38	1	5 mm x 50 m Roll	(3/16")
GAS39	1	6 mm x 50 m Roll	(1/4")
GAS40	1	8 mm x 50 m Roll	(5/16")

Gas Hose with 1/4" BSP Female Fittings

BS3212: 1991/2/4,8. High pressure LPG.

Part No.	Qty	Dia. x Length	
GAS35	1	6 mm x 1.5 m	(1/4")
GAS37	1	6 mm x 3.0 m	(1/4")

Gas Hose with 1/4" BSP Female Fittings including 90° Fitting

BS3212: 1991/2/4,8. High pressure LPG.

Part No.	Qty	Dia x Length	
GAS36	1	6 mm x 2 m Hose	(1/4")

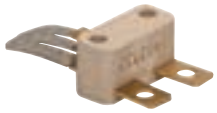
Locknuts For Thermocouples

Brass

Part No.	Pack of	Description
GAS63	20	Thermocouple Locknuts

Piezo Ignitor

Part No.	Qty	Description
GAS73	1	Piezo Ignitor



Thermostat Otterstat

Part No.	Qty	Description
GAS64	1	Thermostat Otterstat

Universal Electrode

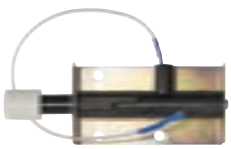
Part No.	Qty	Description
GAS71	1	Electrode

Boxer Heater Flame Supervision Device

Mfr. Ref: SP 1400CN. Complete with locknuts.

Part No.	Qty	Description
GAS72	1	Heater Flame Device

Bullfinch



BULLFINCH Boxer Heater Igniter & Lead

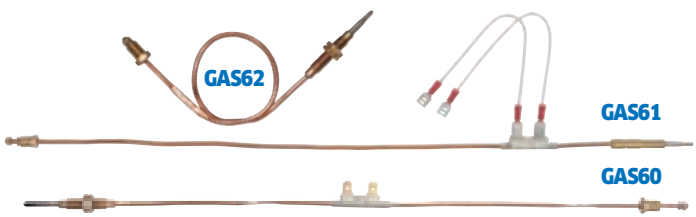
Mfr. Ref: SP 1400BD

Part No.	Qty	Description
GAS75	1	Heater Igniter & Lead

Boxer Heater Spark Plug

Mfr. Ref: SP 1500C.

Part No.	Qty	Description
GAS74	1	Heater Spark Plug



Thermocouples

Part No.	Qty	Description
GAS62	1	Boxer Heater Type
GAS61	1	300/350 (Unthreaded) (A)
GAS60	1	Threaded Type (E)

PROVIDUS Technic Make it Safe.

PROVIDUS+ Professional Turbo Torch

For use with GASEX® (VC51) gas cylinders.
Particularly suited to both heating small parts and for small welding jobs. It can also be used for stripping paint, thawing piping, burning and brazing.

Part No.	Qty	Description
TL956	1	Professional Turbo Torch

PROVIDUS Technic Make it Safe.

PROVIDUS+ GASEX® Gas Cylinder

EN 471. TÜV approved.
- **35% faster than Propane.**

Part No.	Qty	Size
VC51	1	860ml Cylinder

Soldering and Brazing Heat Mat

Made from HDW graphic, woven glass fibre.
Dimensions:
250 mm x 250 mm (10" x 10").
For use with brazing torches, soldering irons, etc.
- **Withstands temperatures up to 600°C.**

Part No.	Qty	Description
WS19	1	Heat Mat

ambersil

BEST SELLER

AMBERSIL Acrylic Paint Marker Pens

Tenacious resin binds paint to the writing surface almost eliminating the problems associated with accidental rub-off and will not wash off with water/rain.

Part No.	Qty	Colour	Nib Ø
AMB130	1	White	3 mm
AMB131	1	Yellow	3 mm
AMB132	1	Red	3 mm
AMB133	1	Black	3 mm

ARCTIC HAYES Tools & Consumables

ARCTIC HAYES 'Vortex' Brazing Torch

Fits 1 inch CGA600 thread gas cylinders (suits Part No.s VG1 & VG2).
- **Lightweight tough magnesium alloy body with soft rubber hand grip**
- **Piezo ignition, flame regulator and safety lock**

Part No.	Qty	Description
VT1	1	Brazing Torch

ARCTIC HAYES Tools & Consumables

BEST SELLER

ARCTIC HAYES 'Vortex' Map-X Gas

Suitable for all soldering and brazing applications.
- **Burns up to +1150°C.**

Part No.	Qty	Size
VG1	1	400g Cylinder

ARCTIC HAYES Tools & Consumables

ARCTIC HAYES 'Vortex' Propane Gas

Ideal for soldering fittings, etc.
- **Burns up to 900°C+.**

Part No.	Qty	Size
VG2	1	400g Cylinder

ABRACS
Bench Grinder Wheel AL/OX

Made from premium quality, high grade aluminium oxide abrasive grit. Designed for use on a bench grinder or pedestal grinder for deburring and sharpening. For use on mild steel and hard steel.

Part No.	Qty	O.D. x Hole Ø x Grit	Max RPM
WCD33	1	150 x 20 mm x P36	5,095
WCD32	1	150 x 20 mm x P80	5,095
WCD31	1	150 x 20 mm x P120	5,095
WCD40	1	200 x 25 mm x P36	3,820
WCD41	1	200 x 25 mm x P80	3,820
WCD42	1	200 x 25 mm x P120	3,820

ABRACS
Bench Grinder Wheel SIL/CR

Made from premium quality, high grade silicon carbide abrasive grit. Designed for use on a bench grinder for deburring and sharpened of parts and tools.

Part No.	Qty	O.D. x Hole Ø x Grit	Max RPM
WCD34	1	150 x 20 mm x P80	5,095
WCD43	1	200 x 25 mm x P80	3,820

ABRACS
Wire Wool

Industrial quality steel wool suitable for a variety of surface preparation and finishing applications. Made from selected high grade steel.

Part No.	Qty	Grade	
WB26	1	Fine	Grade 0
WB28	1	Medium	Grade 2

ABRACS
Non Woven Hand Pads

Ideal for cleaning a wide range of applications and specially designed to resist loading, prolonging pad life. Flexible construction is ideal for grooves, scratch in channels and other hard to reach areas.

Part No.	Pack of	Size	Colour	
WB21	10	150 x 230 mm	Grey	Fine
WB22	10	150 x 230 mm	Maroon	Medium
WB23	10	150 x 230 mm	Green	General Purpose
WB24	10	150 x 230 mm	Brown	Coarse

Non Woven Roll

100 mm wide x 10 m roll.

Part No.	Qty	Grade	Colour
WB210	1	Fine	Grey
WB220	1	Medium	Maroon
WB230	1	General Purpose	Green

ABRACS
Wire Brush Twist Knot Cup

Ideal for the removal of slag, rust, paint and residues of any kind.
For use on mild steel and stainless steel.

Part No.	Qty	O.D. x Hole Ø	Wire Ø	Max RPM
WB55	1	70 mm x M10 1.5	0.5 mm	12,500
WB56	1	70 mm x M14	0.5 mm	12,500
WB59	1	95 mm x M14	0.5 mm	8,500
WB150	1	120 mm x M14	0.5 mm	6,500

ABRACS
Cup Brush Twin Pack

Suitable for a variety of applications.

Part No.	Qty	Size	Max RPM
WB160	1 Set	75 mm	12,500

Contents: 1 x 75 mm Twist Knot Cup Brush and 1 x 75 mm Crimped Wire Cup Brush.

ABRACS
Pipeline Brush

Suitable for heavy duty applications such as preparation and finishing of seam welds, deburring and other applications specifically within the oil and pipeline industry.

Part No.	Qty	O.D. x Hole Ø	Type	Max RPM
WB67	1	115 mm x M14	Twist Knot	12,500

ABRACS
Twist Knot Bevel Brush

Ideal for irregular surfaces with edges or cracks and for removing slag and rust.

Part No.	Qty	O.D. x Hole Ø	Wire Ø	Max RPM
WB69	1	95 mm x M10	0.5 mm	14,000
WB68	1	100 mm x M14	0.5 mm	12,500
WB154	1	115 mm x M14	0.5 mm	12,500

ABRACS
Wire Brushes with Metric Adaptors

0.3 mm crimped steel wire brush suitable for bench grinders. Ideal for metal surface preparation and the removal of rust and scales. Supplied with bore reducing bushes from 32mm to 13mm.

Part No.	Qty	O.D. x Width	Bore Hole	Max RPM
WB49	1	150 x 20 mm	38 mm	6,000
WB50	1	200 x 25 mm	38 mm	4,500

ABRACS
De-Carb Wire Brush Set

Ideal for precision cleaning and deburring in hard to reach areas.
Mounted on a 6 mm spindle.

Part No.	Qty	Description	Max RPM	Wire Ø
WB163	1 Set	2 Piece Set	4,500	0.3 mm

Set contains: 1x pointed tip brush and 1x flat tip brush.

ABRACS
Wire Brush Crimp Cup

Brass dipped crimp steel wire.
Suitable for angle grinders and other special machinery.
The high-density crimped wire makes the brushes ideal for polishing, surface preparation and most other cleaning applications.

Part No.	Qty	O.D. x Hole Ø	Wire Ø	Max RPM
WB151	1	75 mm x M10 x 1.5	0.3 mm	12,500
WB152	1	75 mmx M14	0.3 mm	12,500
WB153	1	100 mm x M14	0.3 mm	8,500
WB54	1	120 mm x M14	0.3 mm	6,500

ABRACS
Spindle Mounted
Wire Brush - Circular

Suitable for a variety of applications.
Fitted with a 6mm spindle.

Part No.	Qty	O.D. x Wire Ø	Max RPM
WB64	1	50 x 0.3 mm	4,500
WB65	1	75 x 0.3 mm	12,500
WB157	1	100 x 0.3 mm	4,500

ABRACS
Spindle Mounted
Wire Brush - Cup

Suitable for a variety of applications.
Fitted with a 6mm spindle.

Part No.	Qty	O.D. x Wire Ø	Max RPM
WB61	1	50 x 0.3 mm	4,500
WB62	1	75 x 0.3 mm	4,500

ABRACS
Spindle Mounted
Wire Brush - Twist Knot

Suitable for a variety of applications.
Fitted with a 6mm spindle.

Part No.	Qty	O.D. x Wire Ø	Max RPM
WB156	1	75 x 0.5 mm	12,500

ABRACS
Spindle Mounted
Wire Brush - Crimped End

Suitable for a variety of applications. Fitted with a 6mm spindle.

Part No.	Qty	O.D. x Wire Ø	Max RPM
WB66	1	19 x 0.3 mm	12,500

ABRACS
Spindle Mounted
Wire Brush - Twist Knot End

Suitable for a variety of applications. Fitted with a 6mm spindle.

Part No.	Qty	O.D. x Wire Ø	Max RPM
WB158	1	22 x 0.5 mm	20,000

ABRACS
Spindle Mounted
Wire Brush Set

All brushes are crimped wire for general purpose applications and fitted with a 6 mm spindle.

Part No.	Qty	Description	Max RPM	Wire Ø
WB161	1 Set	3 Piece Set	4,500	0.3 mm

Set contains: 1 x 50 mm Wire Cup Brush, 1 x 50 mm Wire Wheel & 1 x 25 mm End Brush.

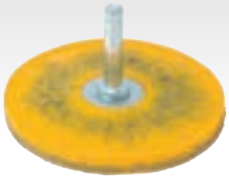
ABRACS
Spindle Mounted
Wire Brush Pack

Crimped wire for general purpose applications, all brushes fitted with a 6mm spindle.

Part No.	Qty	Description
WB162	1 Set	6 Piece Set

Contents: 2x 40mm circular brush, 1x 50mm circular brush, 1x 60mm circular brush, 1x 75mm circular brush and 1x 50mm cup brush.

ABRACS abrasives and accessories



ABRACS Rubber-Bonded Circular Shaft Brush (Mule Skinner)

6 mm Ø Shaft. 0.30 mm Ø brass coated steel wire.

Part No.	Qty	O.D.	Shaft Ø	Max RPM
WB70	1	60 mm	6 mm	18,000

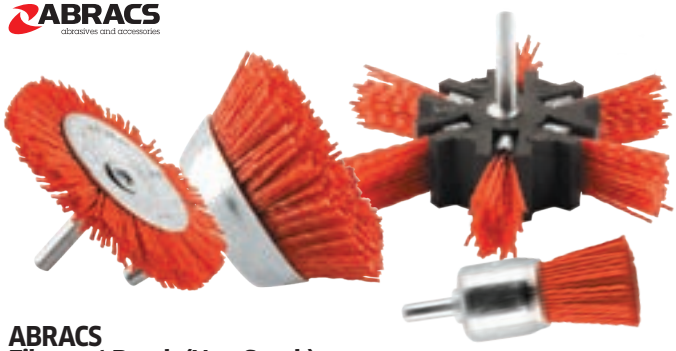
ABRACS abrasives and accessories

ABRACS Eraser Wheel

Enables fast, clean and efficient removal of decals, stickers and other adhesive materials. Fitted with a 6mm spindle.

Part No.	Qty	O.D.	Max RPM
WB124	1	88 mm	4,000

ABRACS abrasives and accessories



ABRACS Filament Brush (Non Spark)

Ideal for de burring, surface treatment, stock removal and other general cleaning applications. Suitable for use on most materials including metal and plastics. Non spark technology for increased user safety.

Part No.	Qty	O.D.	Type
WB170	1	50 mm	Circular
WB171	1	75 mm	Circular
WB172	1	50 mm	Cup
WB173	1	75 mm	Cup
WB174	1	24 mm	End
WB175	1	100 mm	Strip

ABRACS abrasives and accessories

ABRACS Hub Cleaning Kit

Ideal for removing rust from the brakes, rotor and hub. A long lasting heavy duty tool which saves time. Suitable for use on a variety of materials such as alloys and rust.

Part No.	Qty	Description	Max PSI
WB206	1 Set	5 Piece Kit	90
WB207	10	50 mm Disc Replenishment Pack	90

Kit contains: 1x 1/2" drive socket and 4x threaded poly discs.

ABRACS abrasives and accessories

ABRACS General Purpose Scratch Brushes

Part No.	Qty	Wire Type
WB119	3	Brass Plated Steel

ABRACS abrasives and accessories

ABRACS Scratch Brushes (Stainless Steel)

Brass dipped, stainless steel and nylon hand wire brushes. Hard to reach places can be cleaned with high pressure thanks to the curved shape and narrow face.

Part No.	Qty	Wire Type
WB131	3	Stainless Steel

ABRACS abrasives and accessories

ABRACS Scratch Brush Pack

Brass dipped, stainless steel and nylon hand wire brushes. Hard to reach places can be cleaned with high pressure thanks to the curved shape and narrow face.

Part No.	Qty	Description
WB205	1 Set	3 Piece Set

Contents: 1x general purpose scratch brush, 1x nylon scratch brush, 1x stainless steel scratch brush.

ABRACS abrasives and accessories

ABRACS Spindle Mounted & Scratch Brush Pack

Spindle mounted and scratch brush pack for use on metal, rust and paint.

Part No.	Qty	Description
WB180	1 Set	4 Piece Set

Contents: 1x 75mm Circular Brush, 1x 50mm Cup Brush, 1x 20mm End Brush and 1x general purpose scratch brush.

SIT 'SPID' Brushes

Part No.	Qty	Wire Type
WB19A	6	Brass Plated Steel
WB19	24	Brass Plated Steel

SIT 'SPID' Brushes

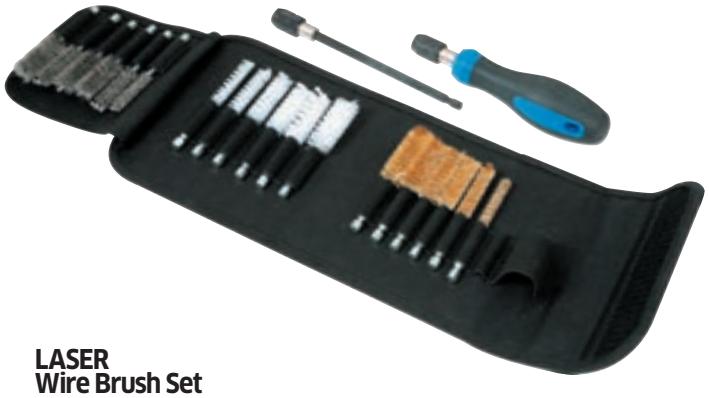
Part No.	Qty	Wire Type
WB31	6	Stainless Steel

ABRACS
Spark Plug Brush Set

Ergonomically designed handle allows high pressure to be carefully applied. Ideal for small, precise applications such as cleaning spark plugs or other small engine components.

Part No.	Qty	Description
WB30	1 Set	3 Piece Set

Contents: 1x brass, 1x nylon and 1x stainless steel brush.



LASER
Wire Brush Set

A comprehensive wire brush set suitable for numerous uses including removing carbon from internal threads or pipes and cleaning drilled holes.

Part No.	Qty	Description
TL7120	1 Set	20 Piece Set

1 x Soft grip handle. 1 x 1/4" Shank quick release chuck: 6". 6 x Stainless steel brushes: 9, 10, 13, 15, 17, 19 mm. 6 x Brass brushes: 9, 10, 13, 15, 17, 19 mm. 6 x Nylon brushes: 9, 10, 13, 15, 17, 19 mm.

ABRACS
Wooden Handled Brushes

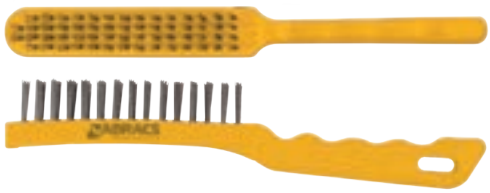
Heavy duty wooden handled scratch brush. Industrial quality suitable for a multitude of cleaning applications.

Part No.	Pack of	Type	
WB10N	4	2 Row	
WBS3N	4	3 Row	
WB1N	4	4 Row	
WB1X	24	4 Row	
WB1SS	4	4 Row	For Stainless Steel

ABRACS
Wooden Handled Brushes with Scraper

Heavy duty 4 row wooden handled scratch brush fixed with a sturdy metal scraper for more aggressive applications. Suitable for all general purpose cleaning applications.

Part No.	Pack of	Type
WBS1N	4	4 Row



ABRACS
Plastic Handled Brushes 4 Row

4 row plastic handled brush suitable for a wide variety of general purpose cleaning applications. Premium quality wire with a sturdy ergonomically designed plastic handle.

Part No.	Pack of	Type
WB132	6	Plastic Handled

Parts Cleaning Brush

Taper cut 64 mm pure bristles.
Can be used in all parts cleaning solvents.

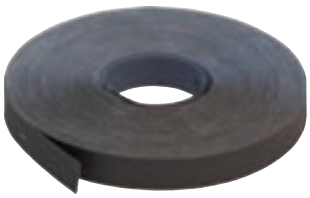
Part No.	Qty	Length	
TNH266C	1	260 mm	(10")

Emery Cloth Roll - Blue

Supplied in handy, easy to use dispenser packaging. Premium quality aluminium oxide grain bonded to strong yet easy to tear J-weight cloth backing.
Designed for general maintenance work, rust removal, sanding and polishing.

Part No.	Qty	Width x Length x Grit
WER40	1	25 mm x 25 m x P40
WER60	1	25 mm x 25 m x P60
WER80	1	25 mm x 25 m x P80
WER120	1	25 mm x 25 m x P120
WER150	1	25 mm x 25 m x P150

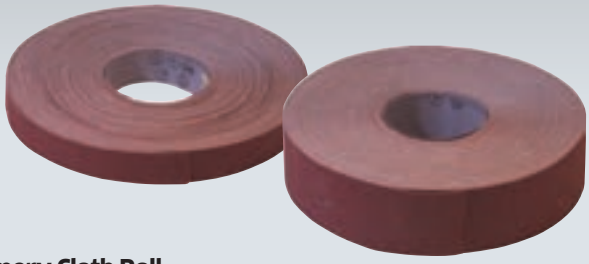
ABRACS
abrasives and accessories



ABRACS
Emery Cloth Roll - Blue

Supplied in handy, easy to use dispenser packaging. Premium quality aluminium oxide grain bonded to strong yet easy to tear J-weight cloth backing.
Designed for general maintenance work, rust removal, sanding and polishing.

Part No.	Qty	Width x Length x Grit
WER3	1	25 x 50 m x P40
WER25	1	25 x 50 m x P60
WER2	1	25 x 50 m x P80
WER10	1	25 x 50 m x P120
WER1	1	25 x 50 m x P150
WER31	1	50 x 50 m x P40
WER8	1	50 x 50 m x P60
WER30	1	50 x 50 m x P80
WER9	1	50 x 50 m x P120
WER11	1	50 x 50 m x P150



Emery Cloth Roll - Brown Engineers Quality

Supplied in handy, easy to use dispenser packaging. Premium quality aluminium oxide grain bonded to strong yet easy to tear J-weight cloth backing.
Designed for general maintenance work, rust removal, sanding and polishing.

Part No.	Qty	Width x Length x Grit
WER13	1	25 mm x 50 m x P40
WER14	1	25 mm x 50 m x P60
WER4	1	25 mm x 50 m x P80
WER6	1	25 mm x 50 m x P120
WER15	1	50 mm x 50 m x P40
WER16	1	50 mm x 50 m x P60
WER5	1	50 mm x 50 m x P80
WER7	1	50 mm x 50 m x P120

ABRACS
abrasives and accessories

ABRACS
General Purpose Sandpaper Roll

Industrial quality aluminium oxide sandpaper rolls are manufactured using premium quality grain and sturdy, durable E Weight paper backing.
Resin coated to resist heat and humidity.
Can be used on a multitude of materials including wood, metal, fibreglass and painted surfaces.

Part No.	Qty	Width x Length x Grit
WSR40	1	115 x 10 m x P40
WSR80	1	115 x 10 m x P80
WSR120	1	115 x 10 m x P120

KS TOOLS
GERMANY

KS TOOLS Sanding Block

Sponge rubber backing, stainless steel clamping clips.

- For use with emery, wet & dry, sand paper, etc.
- Very good for working on surfaces
- Moulded handle ensures a comfortable grip

Part No.	Qty	Description
K515.3095	1	Sanding Block

Sanding Block - Dense Red Rubber

Dense rubber sanding block fitted with slots to attach the abrasive paper.

Part No.	Qty	Size
WSD102	1	70 x 125 mm

ABRACS Emery Sheets

Premium quality aluminium oxide grain bonded to strong yet easy to tear J-Weight cloth backing. Designed for general maintenance work, rust removal, sanding and polishing. Supplied in resealable, easy to use packaging.

Part No.	Pack of	Size x Grit
WES3	25	230 x 280 mm x P40
WES31	25	230 x 280 mm x P60
WES2	25	230 x 280 mm x P80
WES21	25	230 x 280 mm x P120
WES1	25	230 x 280 mm x P150

ABRACS Sandpaper Sheets

Industrial quality aluminium oxide sandpaper/ production sheets. Ideal for bare wood sanding, preparation for painting and other cleaning and sanding applications.

Part No.	Pack of	Size x Grit
WPP3	25	230 x 280 mm x P40
WPP2	25	230 x 280 mm x P60
WPP1	25	230 x 280 mm x P80
WPP4	25	230 x 280 mm x P120

ABRACS Waterproof Paper Sheets

Waterproof paper sheets with flexible anti slip backing paper and resin bonded grit. Can be used wet or dry as a durable abrasive for hand finishing.

Part No.	Pack of	Size x Grit
WAP120	25	230 x 280 mm x P120
WAP4	25	230 x 280 mm x P180
WAP220	25	230 x 280 mm x P220
WAP240	25	230 x 280 mm x P240
WAP3	25	230 x 280 mm x P320
WAP2	25	230 x 280 mm x P400
WAP500	25	230 x 280 mm x P500
WAP1	25	230 x 280 mm x P600
WAP800	25	230 x 280 mm x P800
WAP6	25	230 x 280 mm x P1000
WAP7	25	230 x 280 mm x P1200
WAP2000	25	230 x 280 mm x P2000

ABRACS File Belts Zirconium

Premium quality file belts designed for use on a range of file sanders. Top quality zirconium grain for premium performance and long life.

Part No.	Pack of	Width x Length x Grit
WSB33	10	10 x 330 mm x P40
WSB32	10	10 x 330 mm x P60
WSB31	10	10 x 330 mm x P80
WSB43	10	13 x 457 mm x P40
WSB42	10	13 x 457 mm x P60
WSB41	10	13 x 457 mm x P80
WSB53	10	20 x 520 mm x P40
WSB52	10	20 x 520 mm x P60
WSB51	10	20 x 520 mm x P80

ABRACS Spiraband Kit - Zirconium

Kit containing a range of sizes, grits and arbors. Packed inside a handy plastic carry case.

Part No.	Qty	Description
WSPK1	1 Kit	25 Piece Kit
Contents: Spirabands: 4x 13, 19, 25, 38, 50 mm. Drive Arbours: 1 x 13, 19, 25, 38, 50 mm.		

ABRACS
abrasives and accessories

ABRACS
Spindle Mounted Flap Wheels

Ideal for deburring and general cleaning applications.
Designed for use with electric drills and air tools.
Suitable for use on mild steel, construction steel, alloy steel and iron

Part No.	Pack of	O.D. x Hole Ø x Grit	Max RPM
WAF214N	5	25 x 15 mm x P40	16,500
WAF216N	5	25 x 15 mm x P60	16,500
WAF218N	5	25 x 15 mm x P80	16,500
WAF324N	5	30 x 20 mm x P40	16,500
WAF326N	5	30 x 20 mm x P60	16,500
WAF328N	5	30 x 20 mm x P80	16,500
WAF424N	5	40 x 20 mm x P40	12,500
WAF426N	5	40 x 20 mm x P60	12,500
WAF428N	5	40 x 20 mm x P80	12,500
WAF434N	5	40 x 30 mm x P40	12,500
WAF436N	5	40 x 30 mm x P60	12,500
WAF438N	5	40 x 30 mm x P80	12,500
WAF524N	5	50 x 30 mm x P40	10,000
WAF526N	5	50 x 30 mm x P60	10,000
WAF528N	5	50 x 30 mm x P80	10,000
WAF624N	5	60 x 30 mm x P40	8,300
WAF626N	5	60 x 30 mm x P60	8,300
WAF628N	5	60 x 30 mm x P80	8,300
WAF854N	5	80 x 50 mm x P40	6,200
WAF856N	5	80 x 50 mm x P60	6,200
WAF858N	5	80 x 50 mm x P80	6,200

Sanding Kit - Curved Blocks

Includes both concave and convex adaptors. Takes standard 150 mm diameter hook and loop abrasive discs.
Supplied in a robust storage case.

- **Ideal for body contours and excellent for wheel arches, wings.**
- **Teardrop sander included, great for sanding grooves.**

Part No.	Qty	Description
WSD100	6 Piece Set	**Sanding Kit**

Kit contains: 1 x Sanding wedge. 5 x Sanding blocks: Various shapes.

Sanding Block - Hook & Loop

Soft foam hand sanding block with a hook and loop backing.
Takes standard 150 mm diameter hook and loop abrasive discs.

Part No.	Qty	Takes
WSD101	1	**150 mm Ø Discs**

Sanding Block with Dust Extraction

Hook and loop fitting.
Dust extraction outlet 19 mm (external), supplied with 2 adaptors to allow a wide range of extraction systems to be connected (Adaptors: 25 mm and 28 mm).

- **Dust extraction facility that can be coupled to a central vacuum unit for dust free sanding.**
- **Multiple hole configurations to accept a wide range of manufacturers abrasive sheets.**

Part No.	Qty	Size
WSD103	1	**70 x 420 mm**

ABRACS Hook & Loop Discs

Suitable for use on a full range of materials including wood, metal, plastic and fibreglass. Should be used with a backing pad.

Part No.	Pack of	O.D. x Grit	Style
WSD804	25	125 mm x P40	8 Holes
WSD806	25	125 mm x P60	8 Holes
WSD808	25	125 mm x P80	8 Holes
WSD810	25	125 mm x P100	8 Holes
WSD812	25	125 mm x P120	8 Holes
WSD818	25	125 mm x P180	8 Holes
WSD822	25	125 mm x P220	8 Holes
WSD832	25	125 mm x P320	8 Holes
WSD840	25	125 mm x P400	8 Holes

ABRACS Hook & Loop Backing Pad

For use with DA orbital sanders. 5/16 UNF thread.
Suitable for use with all Abracs hook & loop sanding discs.

Part No.	Qty	O.D. x Thread	Style
WSD80	1	125 mm x 5/16 UNF	8 Holes

ABRACS Hook & Loop Discs

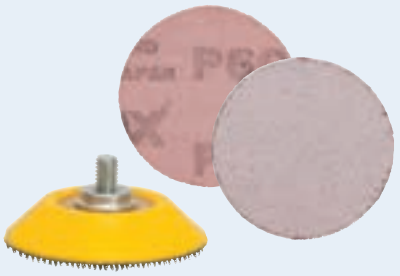
Suitable for use on a full range of materials including wood, metal, plastic and fibreglass.

Part No.	Pack of	O.D. x Grit	Style
WSD44N	25	150 mm x P40	6 Holes
WSD43N	25	150 mm x P60	6 Holes
WSD42N	25	150 mm x P80	6 Holes
WSD40N	25	150 mm x P100	6 Holes
WSD41N	25	150 mm x P120	6 Holes
WSD52N	25	150 mm x P180	6 Holes
WSD51N	25	150 mm x P220	6 Holes
WSD54N	25	150 mm x P320	6 Holes
WSD55N	25	150 mm x P400	6 Holes

ABRACS Hook & Loop Backing Pad

For use with DA orbital sanders. 5/16 UNF thread.
Suitable for use with all Abracs hook & loop sanding discs.

Part No.	Qty	O.D. x Thread	Style
WSD66	1	150 mm x 5/16 UNF	6 Holes



Assorted Pack of 'Mini' Sanding Discs with Velour Backing c/w Backing Pad

Part No.	Description
AP70	51 Piece Set
10 x 50 mm (2") Discs: 60, 120, 240, 320, 400 Grit.	1 x Backing Pad: 50 mm (2").

Backing Pads for 'Mini' Fibre-Backed Discs

Part No.	Qty	Diameter		Shaft Size x Pitch
WSD64	1	50 mm	(2")	6 x 1.00 mm
WSD65	1	75 mm	(3")	6 x 1.00 mm

'Mini' Sanding Discs with Velour Backing

Universal. For paint, metals, wood and lacquers. Spec KE-RR.

Part No.	Pack of	Ø		Grit
WSD70	10	50 mm	(2")	60
WSD71	10	50 mm	(2")	120
WSD72	10	50 mm	(2")	240
WSD73	10	50 mm	(2")	320
WSD74	10	50 mm	(2")	400

ABRACS
abrasives and accessories

ABRACS Fibre Sanding Discs AL/OX

Full resin bond system with heavy duty fibre backing for increased strength, durability and tear resistance. Top quality European manufacturing, long life and high performance.

Part No.	Pack of	O.D. x Grit	Max RPM
WSD3	25	100 mm x P24	15,300
WSD2	25	100 mm x P36	15,300
WSD1	25	100 mm x P60	15,300
WSD33	25	115 mm x P24	13,300
WSD32	25	115 mm x P36	13,300
WSD31	25	115 mm x P60	13,300
WSD37	25	125 mm x P24	12,200
WSD38	25	125 mm x P36	12,200
WSD39	25	125 mm x P60	12,200
WSD36	25	178 mm x P24	8,500
WSD35	25	178 mm x P36	8,500
WSD34	25	178 mm x P60	8,500

ABRACS
abrasives and accessories

ABRACS Fibre Sanding Discs ZIRC

Full resin bond system with heavy duty fibre backing for increased strength, durability and tear resistance. Top quality European manufacturing, long life and high performance.

Part No.	Pack of	O.D. x Grit	Max RPM
WSD20	25	100 mm x P24	15,300
WSD21	25	100 mm x P36	15,300
WSD22	25	100 mm x P60	15,300
WSD23	25	115 mm x P24	13,300
WSD24	25	115 mm x P36	13,300
WSD25	25	115 mm x P60	13,300
WSD26	25	125 mm x P24	12,200
WSD27	25	125 mm x P36	12,200
WSD28	25	125 mm x P60	12,200

ABRACS
abrasives and accessories

ABRACS Backing Pad

Manufactured from premium nylon compound to give maximum flexibility and support along with long life. Suitable for fibre discs and semi flexible grinding discs

Part No.	Qty	O.D. x Hole Ø	Max RPM
WSD62	1	115 mm x M14	13,300
WSD68	1	125 mm x M14	12,200
WSD63	1	178 mm x M14	8,500

ABRACS
abrasives and accessories

ABRACS Sanding Discs - PSA (Pressure Sensitive Adhesive)

Premium quality aluminium oxide grain in 160gm paper backing. With a unique "easy peel" tab for easy removal and fitting.

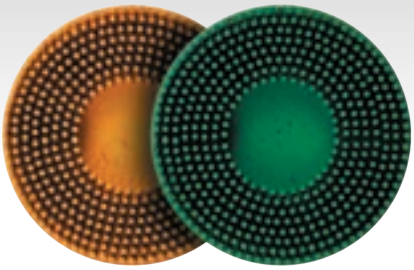
Part No.	Pack of	O.D. x Grit
WSD91	100	150 mm x P40
WSD10	100	150 mm x P60
WSD9	100	150 mm x P80
WSD81	100	150 mm x P120
WSD8	100	150 mm x P180
WSD11	100	150 mm x P220
WSD7	100	150 mm x P320
WSD12	100	150 mm x P400

ABRACS
abrasives and accessories

ABRACS PSA Backing Pad

Backing pad for use with Abracs P.S.A. sanding discs for DA orbital sanders

Part No.	Qty	Dimensions
WSD13	1	150 mm x 5/16 UNF



ABRACS 'Quick Lock' Bristle Brushes

Ideal for efficiently cleaning or stripping many substances from metal surfaces without damaging the workpiece.

Part No.	Pack of	O.D. x Grit	Colour	Max RPM
WQD200	5	50 mm x P50	Green	25,000
WQD201	5	50 mm x P80	Yellow	25,000

ABRACS 'Quick Lock' Backing Pads

Sturdy but flexible rubber backing pad adaptors with a 6mm x 35mm spindle. Suitable for use with all Abracs Quick Lock products.

Part No.	Pack of	O.D.	Max RPM
WQD51N	10	50 mm	25,000
WQD76N	10	75 mm	20,000

ABRACS 'Quick Lock' Flap Discs

Suitable for use on stainless steel, sheet metal, mild steel and high grade steel. Should be used with an Abracs Quick Lock Backing Pad.

Part No.	Pack of	O.D. x Grit	Max RPM
WQD184	25	50 mm x P40	25,000
WQD186	25	50 mm x P60	25,000
WQD188	25	50 mm x P80	25,000
WQD190	25	50 mm x P120	25,000

ABRACS 'Quick Lock' Fibre Discs

Suitable for use on stainless steel, sheet metal, mild steel and high grade steel. Should be used with an Abracs Quick Lock Backing Pad.

Part No.	Pack of	O.D. x Grit	Max RPM
WQD123N	25	50 mm x P40	25,000
WQD126N	25	50 mm x P60	25,000
WQD128N	25	50 mm x P80	25,000
WQD132N	25	50 mm x P120	25,000
WQD133N	25	75 mm x P40	20,000
WQD136N	25	75 mm x P60	20,000
WQD138N	25	75 mm x P80	20,000
WQD142N	25	75 mm x P120	20,000

ABRACS 'Quick Lock' Poly Discs

Ideal for removing rust and paint before preparation. Unique design ensures a minimal risk of scratching the work piece during use.

Part No.	Pack of	Dimensions	Max RPM
WQD170N	25	50 x 13 mm	25,000
WQD171N	25	75 x 13 mm	20,000

ABRACS 'Quick Lock' Non Woven Discs

Ideal for polishing and finishing a range of products including stainless steel, carbon steel, plastics, soft metal alloys and more. Ideal for use in hard to reach places.

Part No.	Pack of	O.D. x Grit	Colour	Max RPM
WQD150N	25	50 mm Coarse	Brown	25,000
WQD151N	25	50 mm Medium	Maroon	25,000
WQD152N	25	50 mm Fine	Green	25,000
WQD160N	25	75 mm Coarse	Brown	20,000
WQD161N	25	75 mm Medium	Maroon	20,000
WQD162N	25	75 mm Fine	Green	20,000

Looking for 'Quick-Lock' Accessory Packs?

Range available overleaf...

ABRACS abrasives and accessories

ABRACS 'Quick Lock' Accessory Pack 50 mm

A selection of 50mm Quick-Lock products.

Part No.	Qty	Description	Max RPM
WQD300	1 Set	**25 Piece Set**	25,000

Contents: 2x 50 mm Backing Pad Adaptor, 7x 50 mm Polirico Discs (2x Coarse, Fine, 3x Medium), 9x 50 mm Sanding Discs (3x Course, Medium, Fine), 3x 50 mm Poly Discs, 4x 50 mm Flap Discs (1x 40, 60, 80, 120g).

ABRACS abrasives and accessories

ABRACS Spindle Mounted Poly Wheel

Enables effective removal of rust, paint, thermal blueing and other contaminants. For use on electric drills or air tools.

Part No.	Qty	O.D. x Thickness x Spindle	Max RPM
WB3050	1	**100 x 13 x 6 mm**	4,500

ABRACS abrasives and accessories

ABRACS Poly Discs

Ultimate performance enableseffective removal of rust, paint, thermal blueing and other contaminants. The lightweight fibreglass backing absorbs vibration and makes this product incredibly strong and durable. Suitable for a wide range of materials. For use on angle grinders.

Part No.	Pack of	Ø	Max RPM	Colour
WB3045	2	**115 mm**	13,300	Black

ABRACS abrasives and accessories

ABRACS Roloc Surface Conditioning Kit - 75 mm

A selection of 75mm Quick-Lock discs and a 75mm Quick-Lock Backing Pad.

Part No.	Qty	Description
WQD301	1 Kit	**7 Piece Kit**

Contents: 3x 75 mm fibre discs with quick lock fitting, 3x 75 mm polirico discs with quick lock fitting and 1x 75 mm quick lock backing pad.

RG TOOLS

RG TOOLS Cordless Angle Grinder

Complete with 1 x Li-ion 20V/4000mAh battery and mains charging adaptor. Supplied in a robust plastic storage case.

- **10,000 RPM idle speed**
- **700W of power, outperforming corded models**
- **Part of the 'one battery fits all' range**

Part No.	Qty	Description
RG10015	1	**Cordless Angle Grinder**

RG TOOLS

RG TOOLS Battery

Spare battery for use with the RG TOOLS Cordless Power Tool Range.

Part No.	Qty	Description
RG10004	1	**Battery 4.0A**

ABRACS
Aluminium Oxide Flap Discs

Engineered for extended performance stock removal, blending and finishing. For use on mild steel, carbon steel and alloys.

Part No.	Pack of	O.D. x Hole Ø	Grit	Max RPM
WAF204	10	115 x 22 mm	P40	13,200
WAF206	10	115 x 22 mm	P60	13,200
WAF208	10	115 x 22 mm	P80	13,200

ABRACS
Non Woven Flap Discs

Manufactured using strengthened synthetic fibre and bonded by a specialist smear resistant adhesive which prevents loading. Specifically designed for cleaning, polishing and finishing a wide range of materials.

Part No.	Pack of	O.D. x Hole Ø	Max RPM	Colour
WPD11	5	115 x 22 mm	13,300	Brown (Coarse)
WPD12	5	115 x 22 mm	13,300	Maroon (Medium)
WPD13	5	115 x 22 mm	13,300	Green (Fine)

ABRACS
Felt Flap Discs

Should be used in conjunction with a polishing compound for maximising efficiency when pre polishing medium to large surface areas.

Part No.	Qty	O.D. x Hole Ø	Max RPM
WPD14	10	115 x 22 mm	13,300

ABRACS
Zirconium Flap Discs

Engineered for maximum performance stock removal, blending and finishing. For use on stainless steel, sheet metal, mild steel and high grade steel. Manufactured to OSA safety standards.

Part No.	Pack of	O.D. x Hole Ø	Grit	Max RPM
WAF104N	5	100 x 16 mm	P40	15,300
WAF106N	5	100 x 16 mm	P60	15,300
WAF108N	5	100 x 16 mm	P80	15,300
WAF114N	5	115 x 22 mm	P40	13,300
WAF114D	25	115 x 22 mm	P40	13,300
WAF116N	5	115 x 22 mm	P60	13,300
WAF116D	25	115 x 22 mm	P60	13,300
WAF118N	5	115 x 22 mm	P80	13,300
WAF118D	25	115 x 22 mm	P80	13,300
WAF1110N	5	115 x 22 mm	P120	15,300
WAF124N	5	125 x 22 mm	P40	12,250
WAF126N	5	125 x 22 mm	P60	12,250
WAF128N	5	125 x 22 mm	P80	12,250
WAF1210N	5	125 x 22 mm	P120	13,300

ABRACS
Buffing/Polishing Kit

Suitable for a wide range of buffing and polishing applications.

Part No.	Qty	Description
WPD15	1 Set	7 Piece Kit

Contents: 1x 100 mm buffing wheel, 1x 100 mm felt wheel, 1x 100 mm non-woven wheel, 1x sponge block, 2x polish blocks and 1x drive arbor.

ABRACS
abrasives and accessories

ABRACS
Flat Hook & Loop Pad

High quality polyester sponge pad with excellent tensile strength and durability for the restoration and maintenance of painted vehicle bodywork. Hook and loop area 150 x 32 x 130 mm.

Part No.	Qty		Colour	Useage	
WBS10	1		White	Step 1	Cutting/Compounding
WBS11	1		Orange	Step 2	Polishing
WBS12	1		Black	Step 3	Finishing

ABRACS
abrasives and accessories

ABRACS
Corrugated Hook & Loop Pad

High quality polyester sponge pad with excellent tensile strength and durability for the restoration and maintenance of painted vehicle bodywork. Hook and loop area 150 x 32 x 130 mm.

Part No.	Qty		Colour	Useage	
WBS13	1		White	Step 1	Cutting/Compounding
WBS14	1		Orange	Step 2	Polishing
WBS15	1		Black	Step 3	Finishing

ABRACS
abrasives and accessories

ABRACS
Bevel Edge Hook & Loop Pad

High quality polyester sponge pad with excellent tensile strength and durability for the restoration and maintenance of painted vehicle bodywork. Hook and loop area 150 x 30 x 130 mm.

Part No.	Qty		Colour	Useage	
WBS19	1		White	Step 1	Cutting/Compounding
WBS20	1		Orange	Step 2	Polishing
WBS21	1		Black	Step 3	Finishing

ABRACS
abrasives and accessories

ABRACS
Traditional Foam Head Pad

High quality polyester sponge pad with excellent tensile s trength and durability for the restoration and maintenance of painted vehicle bodywork. Dimensions 150 x 50 mm. Thread M14.

Part No.	Qty		Colour	Useage	
WBS25	1		White	Step 1	Cutting/Compounding
WBS26	1		Orange	Step 2	Polishing
WBS27	1		Black	Step 3	Finishing

ABRACS
abrasives and accessories

ABRACS
Foam Head Ball Series Pad

High quality polyester sponge pad with excellent tensile strength and durability for the restoration and maintenance of painted vehicle bodywork. Dimensions 150 x 45 mm. Thread M14.

Part No.	Qty		Colour	Useage	
WBS22	1		White	Step 1	Cutting/Compounding
WBS23	1		Orange	Step 2	Polishing
WBS24	1		Black	Step 3	Finishing

ABRACS
abrasives and accessories

ABRACS
Woollen Polishing Pad

Concave 100% wool pad for buffing and polishing surfaces. Hook and loop diameter 125 mm.

Part No.	Qty		Colour	Grade
WBS28	1		White	Thick
WBS29	1		Natural	Fine

ABRACS abrasives and accessories

ABRACS 5" Hook & Loop Backing Pad

Professional backing pad for use with the Abracs range of cutting, polishing and finishing pads.

Part No.	Qty	Size	Thread
WBS31	1	5" (125 mm)	M14 x 2.0 mm

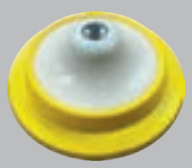
ABRACS abrasives and accessories

ABRACS 3" Corrugated Hook & Loop Pads

High quality polyester sponge pad with excellent tensile strength and durability for the restoration and maintenance of painted vehicle bodywork. Hook and loop area 78 x 30 mm.

Part No.	Pack of	Colour	Useage	
WBS16	3	White	Step 1	Cutting/Compounding
WBS17	3	Orange	Step 2	Polishing
WBS18	3	Black	Step 3	Finishing

ABRACS abrasives and accessories



ABRACS 3" Hook & Loop Backing Pad

Professional backing pad for use with the Abracs range of 3" cutting, polishing and finishing pads.

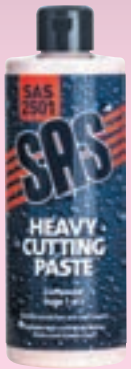
Part No.	Qty	Size	Thread
WBS30	1	3" (75 mm)	M14 x 2.0 mm

3" Buffing Kit with Hook & Loop Backing c/w Backing Pad

Part No.	Qty	Description
WC5	1 Set	4 Piece Set

3 x 75 mm (3") Buffing Pads: Lambs wool, sponge pad (white), sponge pad (yellow). 1 x Backing Pad: 75 mm (3").

SAS



S·A·S Heavy Cutting Paste (Stage 1 of 3)

The first of three stages of cutting compounds. Designed as an aggressive stage of polishing. It will remove scratches of 1200 grit sandpaper and swirl marks with ease, preparing for our Medium Cutting Paste.

- **Formulated with high cutting abrasives and fillers**
- **Contains kaolin clays to help refine, restore and cleanse your vehicle's paintwork**

Part No.	Qty	Description
SAS2501A	1	500ml Flip Top Bottle

SAS

S·A·S Medium Cutting Paste (Stage 2 of 3)

The second of three stages of cutting compounds. Formulated with diminishing abrasive chemistry. This means the particles of abrasive start off large, getting smaller the more you work with them - in effect lowering the cutting power over time.

- **Refines, restores and cleanses vehicle paintwork**
- **Contains the highest grade of fillers and kaolin clays**
- **Helps to even out the deeper cuts of our Heavy Cutting Paste in preparation for our Fine Cutting Paste**

Part No.	Qty	Description
SAS2502A	1	500ml Flip Top Bottle

SAS

S·A·S Fine Cutting Paste (Stage 3 of 3)

The final of three stages of cutting compounds. Formulated with diminishing abrasive chemistry. This means the abrasive particles get smaller the more they are worked into the paintwork. This effectively means the cutting power of the compound reduces whilst you're using it, offering a more even and gradual application.

- **Contains the highest grade of fillers and kaolin clays**
- **Refines and cleanses your vehicle's paintwork**
- **Designed as the final stage of polishing**

Part No.	Qty	Description
SAS2503A	1	500ml Flip Top Bottle

SAS

S·A·S High Gloss Polish

All-in-one wax and polish. Essential for any detailing enthusiast. Contains special abrasives and fillers to help remove paintwork defects.

- **Infused with the finest grade Brazilian carnauba wax**
- **Long term protection**
- **High-gloss finish**
- **Protects against road debris**
- **UV protection**

Part No.	Qty	Description
SAS2508A	1	500ml Pump Dispenser

RGTOOLS

RG TOOLS
Extra Thin Flat Cutting Discs

Compliant with EN 12413. Suitable for use with stainless steel, mild steel and high grade steel. Supplied in a metal storage tin.

Part No.	Qty	O.D.	O.D. x Thickness x Hole	Max RPM
RG20150	Tin of 10	4 1/2"	115 x 1.0 x 22.23 mm	13300

ABRACS ★★★★☆

PHOENIX

Pro Quality

ABRACS 'Phoenix II'
Mini Cut-Off
Extra Thin Flat Cutting Discs INOX

Superior quality European manufactured and produced to OSA safety standards. For use on stainless steel, sheet metal, mild steel and high grade steel. Suitable for use on an angle grinder.

Part No.	Pack of	O.D. x Thickness x Hole Ø	Max RPM
WCD22N	10	50 x 1.0 x 10 mm	30,600 80 m/s
WCD23N	10	75 x 1.0 x 10 mm	20,400 80 m/s
WCD24N	10	75 x 1.6 x 10 mm	20,400 80 m/s

ABRACS ★★★☆☆

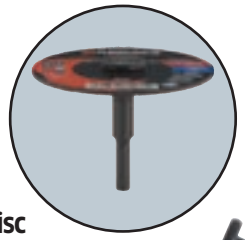
PROFLEX

Trade Quality

ABRACS 'Proflex'
Extra Thin Flat Cutting Discs INOX

Manufactured to European quality standards. For use on stainless steel, sheet metal, mild steel and high grade steel. Suitable for use on an angle grinder.

Part No.	Pack of	O.D. x Thickness	Max RPM
WCP151T	Tin of 10	115 x 1.0 x 22 mm	13,300



Mini Cut-Off Disc
Mandrel Kit

For 1/4" and 3/8" (10 mm) holes.
Fits 1/4" and 3/8" (10 mm) chuck.

Part No.	Qty	Description
WCD26	1 Kit	Mandrel Kit

ABRACS ★★★☆☆

PROFLEX

Trade Quality

ABRACS 'Proflex'
Extra Thin Flat Cutting Discs INOX

Manufactured to European quality standards. For use on stainless steel, sheet metal, mild steel and high grade steel. Suitable for use on an angle grinder.

Part No.	Pack of	O.D. x Thickness	Max RPM
WCP151C	Tub of 100	115 x 1.0 x 22 mm	13,300

ABRACS ★★★★★

BLACK EDITION

Expert Quality

ABRACS 'Black Edition'
Extra Thin Flat Cutting Discs INOX

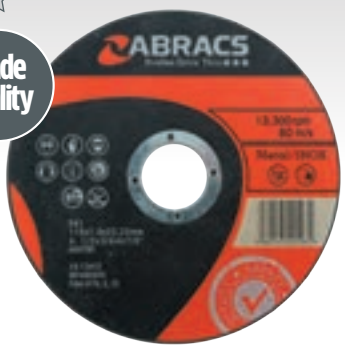
European manufactured and produced to OSA safety standards. 30% Extra Performance. stainless steel, sheet metal, mild steel and high grade steel. Suitable for use on an angle grinder.

Part No.	Pack of	O.D. x Thickness x Hole Ø	Max RPM
WCD351T	Tin of 10	115 x 1.0 x 22 mm	13,300 80 m/s
WCD352T	Tin of 10	125 x 1.0 x 22 mm	12,250 80 m/s
WCD370	10	230 x 1.8 x 22 mm	6,650 80 m/s

ABRACS abrasives and accessories ★★★☆☆

PROFLEX

Trade Quality



ABRACS 'Proflex' Extra Thin Flat Cutting Discs INOX

Manufactured to European quality standards.
For use on stainless steel, sheet metal, mild steel and high grade steel.
Suitable for use on an angle grinder.

Part No.	Pack of	O.D. x Thickness	Max RPM
WCP106	10	100 x 1.0 x 16 mm	15,300
WCP151	10	115 x 1.0 x 22 mm	13,300
WCP151T	Tin of 10	115 x 1.0 x 22 mm	13,300
WCP151C	Tub of 100	115 x 1.0 x 22 mm	13,300
WCP156	10	115 x 1.6 x 22 mm	13,300 80 m/s
WCP162	10	125 x 1.0 x 22 mm	12,250 80 m/s
WCP166	10	125 x 1.6 x 22 mm	12,250 80 m/s
WCP170	10	230 x 1.8 x 22 mm	6,650 80m/s

ABRACS abrasives and accessories ★★★★☆

PHOENIX

ALU

ABRACS 'Phoenix Ali' Flat Cutting Discs - ALUMINIUM

Made to OSA safety standards and marked with EN12413. For use on aluminium, mild steel, copper and non-ferrous metals.

Part No.	Pack of	O.D. x Thickness x Hole Ø	Max RPM
WCU151	5	115 x 1.0 x 22 mm	13,300
WCU153	5	115 x 3 x 22 mm	13,300
WCU256	5	115 x 7 x 22 mm	13,300

ABRACS abrasives and accessories ★★★★☆

PHOENIX

INOX

ABRACS 'Phoenix Silver' Depressed Centre Metal Cutting Discs - INOX

Produced to OSA safety standards and marked with EN12413. For use on stainless steel, sheet metal, mild steel and high grade steel.

Part No.	Pack of	O.D. x Thickness x Hole Ø	Max RPM
WCS253	5	115 x 3 x 22 mm	13,300
WCS256	5	115 x 6 x 22 mm	13,300

ABRACS abrasives and accessories ★★★★☆

PHOENIX

Pro Quality

ABRACS 'Phoenix II' Extra Thin Flat Cutting Disc INOX

Superior quality European manufactured and produced to OSA safety standards.
For use on stainless steel, sheet metal, mild steel and high grade steel. Suitable for use on an angle grinder.

Part No.	Pack of	O.D. x Thickness x Hole Ø	Max RPM
WCD110	10	100 x 1.0 x 16 mm	15,300 80 m/s
WCD116	10	100 x 1.6 x 16 mm	15,300 80 m/s
WCD151	10	115 x 1.0 x 22 mm	13,300 80 m/s
WCD151T	Tin of 10	115 x 1.0 x 22 mm	13,300 80 m/s
WCD151X	25	115 x 1.0 x 22 mm	13,300 80 m/s
WCD156	10	115 x 1.6 x 22 mm	13,300 80 m/s
WCD162	10	125 x 1.0 x 22 mm	12,200 80 m/s
WCD166	10	125 x 1.6 x 22 mm	12,200 80 m/s
WCD170	10	230 x 1.8 x 22 mm	6,600 80m/s

ABRACS abrasives and accessories

CUT AND GRIND

90° CUT

30° GRIND

15° FINISH

ABRACS Hybrid '3 in 1' Multi Purpose Discs Depressed Centre Metal

Used for cutting, grinding and finishing applications simply by altering the angle at which the disc is used. 90 degrees for cutting, 30 degrees for grinding and 15 degrees for finishing. For use on Stainless Steel, sheet metal, mild steel and high grade steel.

Part No.	Pack of	O.D. x Thickness x Hole Ø	Max RPM
WHD31	10	115 x 2.5 x 22 mm	13,300

ABRACS Quality Levels

abrasives and accessories

PROFLEX ★★★☆☆

PROFLEX - TRADE QUALITY Cutting, Grinding and Extra Thin Discs are extended performance, professional quality products manufactured using high quality materials with an attractive price-performance ratio for the price conscious consumer.

PHOENIX ★★★★☆

PHOENIX - PRO QUALITY Cutting, Grinding and Extra Thin Discs are ultimate performance, produced to O.S.A. Safety standards and manufactured using premium quality materials, giving excellent life, offering one of the best cost per cut ratios in the market.

BLACK EDITION ★★★★★

BLACK EDITION - EXPERT QUALITY Extra Thin Discs are 30% Extra Performance, reduced vibration and ultimate performance, produced to O.S.A. safety standards and manufactured using premium quality materials, our highest quality cutting disc produced to date.

ABRACS ★★★☆☆

PROFLEX

ABRACS 'Proflex' Flat Metal Cutting Discs

Manufactured to European quality standards. For use on mild steel, sheet steel, high grade steel and iron. Suitable for use on an angle grinder.

Part No.	Pack of	O.D. x Thickness x Hole Ø	Max RPM
WCP216	5	100 x 3 x 16 mm	15,300 80 m/s
WCP216X	25	100 x 3 x 16 mm	15,300 80 m/s
WCP251	5	115 x 3 x 22 mm	13,300 80 m/s
WCP251X	25	115 x 3 x 22 mm	13,300 80 m/s
WCP262	5	125 x 3 x 22 mm	12,250 80 m/s
WCP262X	25	125 x 3 x 22 mm	12,250 80 m/s
WCP270	5	230 x 3 x 22 mm	6,650 80 m/s
WCP270X	25	230 x 3 x 22 mm	6,650 80 m/s

ABRACS ★★★☆☆

PROFLEX

ABRACS 'Proflex' Depressed Centre Metal Cutting Discs

Manufactured to European quality standards. For use on mild steel, sheet steel, high grade steel and iron. Suitable for use on an angle grinder.

Part No.	Pack of	O.D. x Thickness x Hole Ø	Max RPM
WCP171	5	100 x 3 x 16 mm	15,300 80 m/s
WCP171X	25	100 x 3 x 16 mm	15,300 80 m/s
WCP173	5	115 x 3 x 22 mm	13,300 80 m/s
WCP173X	25	115 x 3 x 22 mm	13,300 80 m/s
WCP175	5	125 x 3 x 22 mm	12,250 80 m/s
WCP175X	25	125 x 3 x 22 mm	12,250 80 m/s
WCP179	5	230 x 3 x 22 mm	6,650 80 m/s
WCP179X	25	230 x 3 x 22 mm	6,650 80 m/s

ABRACS ★★★★☆

PHOENIX

ABRACS 'Phoenix II' Flat Metal Cutting Discs

Manufactured in Europe to OSA safety standards. For use on mild steel, sheet steel, high grade steel and iron. Suitable for use on an angle grinder.

Part No.	Pack of	O.D. x Thickness x Hole Ø	Max RPM
WCD71	5	100 x 3 x 16 mm	15,300 80 m/s
WCD71X	25	100 x 3 x 16 mm	15,300 80 m/s
WCD73	5	115 x 3 x 22 mm	13,300 80 m/s
WCD73X	25	115 x 3 x 22 mm	13,300 80 m/s
WCD75	5	125 x 3 x 22 mm	12,250 80 m/s
WCD75X	25	125 x 3 x 22 mm	12,250 80 m/s
WCD79	5	230 x 3 x 22 mm	6,650 80 m/s
WCD79X	25	230 x 3 x 22 mm	6,650 80 m/s
WCD85	5	300 x 3.5 x 20 mm	5,100 80 m/s
WCD86	5	300 x 3.5 x 22 mm	5,100 80 m/s
WCD88	5	300 x 2.5 x 25 mm	4,400 80 m/s

ABRACS ★★★★☆

PHOENIX

ABRACS 'Phoenix II' Depressed Centre Metal Cutting Discs

Manufactured in Europe to OSA safety standards. For use on mild steel, sheet steel, high grade steel and iron. Suitable for use on an angle grinder.

Part No.	Pack of	O.D. x Thickness x Hole Ø	Max RPM
WCD61	5	100 x 3 x 16 mm	15,300 80 m/s
WCD61X	25	100 x 3 x 16 mm	15,300 80 m/s
WCD63	5	115 x 3 x 22 mm	13,300 80 m/s
WCD63X	25	115 x 3 x 22 mm	13,300 80 m/s
WCD65	5	125 x 3 x 22 mm	12,250 80 m/s
WCD65X	25	125 x 3 x 22 mm	12,250 80 m/s
WCD67	10	178 x 3 x 22mm	8,600 80 m/s
WCD69	5	230 x 3 x 22 mm	6,650 80 m/s
WCD69X	25	230 x 3 x 22 mm	6,650 80 m/s

ABRACS abrasives and accessories ★★★☆☆

PROFLEX

ABRACS 'Proflex' Depressed Centre Metal Grinding Discs

Manufactured to European quality standards. Suitable for use on an angle grinder.

Part No.	Pack of	O.D. x Thickness x Hole Ø	Max RPM
WGP162	10	100 x 6 x 16 mm	15,300 80 m/s
WGP164	10	115 x 6 x 22 mm	13,300 80 m/s
WGP166	10	125 x 6 x 22 mm	12,250 80 m/s
WGP170	10	230 x 6 x 22 mm	6,650 80 m/s

ABRACS abrasives and accessories ★★★★☆

PHOENIX

ABRACS 'Phoenix II' Depressed Centre Metal Grinding Discs

Manufactured in Europe to OSA safety standards for heavy duty abrasive grinding. Suitable for use on an angle grinder.

Part No.	Pack of	O.D. x Thickness x Hole Ø	Max RPM
WGD62	10	100 x 6 x 16 mm	15,300 80 m/s
WGD64	10	115 x 6 x 22 mm	13,300 80 m/s
WGD66	10	125 x 6 x 22 mm	12,250 80 m/s
WGD68	10	178 x 6 x 22 mm	8,600 80 m/s
WGD70	10	230 x 6 x 22 mm	6,650 80 m/s

ABRACS abrasives and accessories

CUT AND GRIND

90° CUT | 30° GRIND | 15° FINISH

ABRACS Hybrid '5 in 1' Multi Material Cutting Discs

The "5 in 1" multi material disc has been designed for cutting applications on virtually all materials including metal, stone, stainless steel, aluminium and plastic/PVC.

Part No.	Pack of	O.D. x Thickness x Hole Ø	Max RPM
WHD51	10	115 x 1.6 x 22 mm	13,300

ABRACS abrasives and accessories

ABRACS Diamond Blade GCM - Trade

For use on concrete, bricks, natural stone and tiles. Suitable for use on an angle grinder.

Part No.	Qty	O.D. x Thickness x Hole Ø	Max RPM
WDB1	1	115 x 10 x 22 mm	13,300
WDB2	1	125 x 10 x 22 mm	12,250
WDB4	1	230 x 10 x 22 mm	6,650
WDB5	1	300 x 10 x 20 mm	5,100
WDB6	1	350 x 10 x 20 mm	5,500
WDB7	1	350 x 10 x 25.4 mm	4,400

ABRACS Tungsten Carbide Burr - Cylindrical No End Cut

Suitable for use on a variety of materials such as steels, alloys and cast iron.

Part No.	Qty	Shape	Head Ø x Head Length	Shaft Ø x Total Length
DAR25	1	A	10 x 20 mm	6 x 60 mm

ABRACS Tungsten Carbide Burr - Cylindrical with End Cut

Suitable for use on a variety of materials such as steels, alloys and cast iron.

Part No.	Qty	Shape	Head Ø x Head Length	Shaft Ø x Total Length
DAR7	1	B	6 x 16 mm	6 x 60 mm
DAR1	1	B	10 x 20 mm	6 x 64 mm
DAR9	1	B	12 x 25 mm	6 x 65 mm

ABRACS Tungsten Carbide Burr - Cylindrical Ball Nose

Suitable for use on a variety of materials such as steels, alloys and cast iron.

Part No.	Qty	Shape	Head Ø x Head Length	Shaft Ø x Total Length
DAR10	1	C	6 x 16 mm	6 x 60 mm
DAR11	1	C	8 x 20 mm	6 x 64 mm
DAR2	1	C	10 x 20 mm	6 x 64 mm
DAR12	1	C	12 x 25 mm	6 x 65 mm

ABRACS Tungsten Carbide Burr - Ball

Suitable for use on a variety of materials such as steels, alloys and cast iron.

Part No.	Qty	Shape	Head Ø x Head Length	Shaft Ø x Total Length
DAR26	1	D	12 x 12 mm	6 x 51 mm

ABRACS Tungsten Carbide Burr - Ball Nose Tree

Suitable for use on a variety of materials such as steels, alloys and cast iron.

Part No.	Qty	Shape	Head Ø x Head Length	Shaft Ø x Total Length
DAR19	1	F	6 x 18 mm	6 x 62 mm
DAR20	1	F	8 x 20 mm	6 x 64 mm
DAR5	1	F	10 x 20 mm	6 x 64 mm
DAR21	1	F	12 x 25 mm	6 x 65 mm

ABRACS Tungsten Carbide Burr - Pointed Tree

Suitable for use on a variety of materials such as steels, alloys and cast iron.

Part No.	Qty	Shape	Head Ø x Head Length	Shaft Ø x Total Length
DAR16	1	G	6 x 18 mm	6 x 62 mm
DAR17	1	G	10 x 20 mm	6 x 64 mm
DAR3	1	G	12 x 25 mm	6 x 69 mm

ABRACS Tungsten Carbide Burr - Flame

Suitable for use on a variety of materials such as steels, alloys and cast iron.

Part No.	Qty	Shape	Head Ø x Head Length	Shaft Ø x Total Length
DAR27	1	H	8 x 19 mm	6 x 63 mm
DAR28	1	H	10 x 25 mm	6 x 69 mm
DAR29	1	H	12 x 32 mm	6 x 76 mm

ABRACS Tungsten Carbide Burr - Ball Nose Cone

Suitable for use on a variety of materials such as steels, alloys and cast iron.

Part No.	Qty	Shape	Head Ø x Head Length	Shaft Ø x Total Length
DAR14	1	L	12 x 28 mm	6 x 76 mm

ABRACS Tungsten Carbide Burr Kit

The kit comes with a range of head shapes, all with 6mm spindle.
Suitable for use on a variety of hard materials such as steels, alloys and cast iron.
Supplied in a robust plastic storage case.

Part No.	Qty	Description
DARK1	1 Set	5 Piece Kit

Contents: DAR12 (Cylindrical Ball Nose), DAR1 (Cylindrical With End Cut), DAR26 (Ball), DAR5 (Ball Nose Tree), DAR14 (Ball Nose Cone).

ALPEN Rotary Burr - Cylindrical, Front End Cut

Tungsten carbide.No. 6 Cut (Universal).
For soft and hard metals (weld seams). Supplied in a plastic storage box.

Part No.	Qty	Shape	Head Ø	Length	Shaft Ø
DB7	1	B	6 mm	65 mm	6 mm
DB8	1	B	8 mm	65 mm	6 mm
DB1	1	B	10 mm	65 mm	6 mm
DB9	1	B	12 mm	65 mm	6 mm

ALPEN Rotary Burr - Ball Nose

Tungsten carbide. No. 6 Cut (Universal).
For soft and hard metals (weld seams). Supplied in a plastic storage box.

Part No.	Qty	Shape	Head Ø	Length	Shaft Ø
DB10	1	C	6 mm	65 mm	6 mm
DB11	1	C	8 mm	65 mm	6 mm
DB2	1	C	10 mm	65 mm	6 mm
DB12	1	C	12 mm	65 mm	6 mm

ALPEN Rotary Burr - Oval

Tungsten carbide. No. 6 Cut (Universal).
For soft and hard metals (weld seams). Supplied in a plastic storage box.

Part No.	Qty	Shape	Head Ø	Length	Shaft Ø
DB22	1	E	6 mm	61 mm	6 mm
DB23	1	E	8 mm	61 mm	6 mm
DB4	1	E	10 mm	61 mm	6 mm
DB24	1	E	12 mm	61 mm	6 mm

ALPEN Rotary Burr - Arc Round Nose

Tungsten carbide. No. 6 Cut (Universal).
For soft and hard metals (weld seams). Supplied in a plastic storage box.

Part No.	Qty	Shape	Head Ø	Length	Shaft Ø
DB19	1	F	6 mm	65 mm	6 mm
DB20	1	F	8 mm	65 mm	6 mm
DB5	1	F	10 mm	65 mm	6 mm
DB21	1	F	12 mm	65 mm	6 mm

ALPEN Rotary Burr - Conical Ball Nose

Tungsten carbide. No. 6 Cut (Universal).
For soft and hard metals (weld seams). Supplied in a plastic storage box.

Part No.	Qty	Shape	Head Ø	Length	Shaft Ø
DB13	1	L	6 mm	65 mm	6 mm
DB14	1	L	8 mm	65 mm	6 mm
DB6	1	L	10 mm	65 mm	6 mm
DB15	1	L	12 mm	65 mm	6 mm

ALPEN Rotary Burr - Arc Pointed Nose (Tree)

Tungsten carbide. No. 6 Cut (Universal).
For soft and hard metals (weld seams). Supplied in a plastic storage box.

Part No.	Qty	Shape	Head Ø	Length	Shaft Ø
DB16	1	G	6 mm	65 mm	6 mm
DB17	1	G	8 mm	65 mm	6 mm
DB3	1	G	10 mm	65 mm	6 mm
DB18	1	G	12 mm	65 mm	6 mm

ALPEN Rotary Burr Set

Tungsten carbide. No. 6 Cut (Universal).
For soft and hard metals (weld seams). Supplied in a plastic storage box.

Part No.	Qty	Description	Head Ø
DBK3	1 Set	3 Piece Set	10 mm

1 x Cylindrical with front cut.
1 x Arc pointed nose.
1 x Ball nose.

BAHCO

BAHCO
Engineers' File Set

Complete with handles.
Black finish heads.
Supplied with roll-up plastic wallet & tie.

Part No.	Qty	Description	Length	
TB47808	1 Set	**5 Piece Set**	**8"**	(200 mm)

4 x Bastard Cut: Hand, Square, Half-round, Round. 1 x Second Cut: Hand.

BAHCO

BAHCO
Engineers' File Set

Complete with handles.
Black finish heads.
Supplied with roll-up plastic wallet & tie.

Part No.	Qty	Description	Length	
TB47810	1 Set	**5 Piece Set**	**10"**	(250 mm)

4 x Bastard Cut: Hand, Square, Half-round, Round. 1 x Bastard Cut: Hand.

LASER
Precision Needle File Set

Supplied in a storage wallet.

- **Precision hardened and tempered files.**
- **Interchangeable soft grip handle.**
- **File lengths: 120 mm.**

Part No.	Qty	Description
TL7112	1 Set	**13 Piece Set**

12 x Needle files: Various types. 1 x Interchangeable handle.

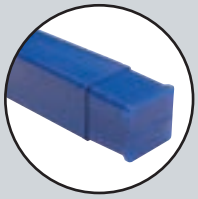
ABRACS
abrasives and accessories

ABRACS
File & Rasp Set

Complete with ABS handles. Supplied in a wallet.

Part No.	Qty	Description	Length	
TL767	1 Set	**5 Piece Set**	**8"**	200 mm

4 x 200 mm Files: Flat Second Cut, Three-Square Second Cut, Half-Round Second Cut, Round Second Cut.
1 x 200 mm Rasp: Half-Round Cabinet Medium Cut.



File Set

WITHOUT handles. BS 498.
Supplied in a telescopic plastic box.

Part No.	Qty	Description
TL751	1 Set	**8 Piece Set**

4 x Bastard Cut: Hand 10", Half-round 10", Round 10", Square 8".
4 x Second Cut: Hand 8", Half-round 8", Round 6", Three-square 8.

File Handles

Wooden.

Part No.	Qty	Pack of
TL784	1 Set	**10 Pieces**

3 x For Files: 6", 10". 4 x For Files: 8".

File Set - Second Cut

Complete with detachable ABS handles.
BS 498.
Supplied in a wallet.

Part No.	Qty	Description
TL766	1 Set	**4 Piece Set**

2 x Hand: 8". 1 x Half-Round: 8". 1 x Round: 8" .

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Cutting + Drilling

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440 Drills
446 Spot Weld Drills
447 Stub Drills
447 Step Drills
448 Drill Chucks
449 Taps + Dies
450 Hole Saws
451 Hacksaws + Blades
452 Saws + Blades
455 Scrapers
456 Knives + Blades
457 Snap-Off Knives
458 Scissors
458 Cutters
459 VDE Cutters + Pliers

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BEST VALUE

ABRACS HSS Roll Forged Drills - Metric

For use on common steel material applications and plastic. 118° tip angle improves heat removal and ensures precise pilot drilling.

Part No.	Pack of	Ø
DAM1	10	1.0 mm
DAM1.5	10	1.5 mm
DAM2	10	2.0 mm
DAM2.5	10	2.5 mm
DAM3	10	3.0 mm
DAM3X	50	3.0 mm
DAM3.3	10	3.3 mm
DAM3.5	10	3.5 mm
DAM4	10	4.0 mm
DAM4X	25	4.0 mm
DAM4.2	10	4.2 mm
DAM4.5	10	4.5 mm
DAM5	10	5.0 mm
DAM5X	25	5.0 mm
DAM5.5	10	5.5 mm
DAM6	10	6.0 mm
DAM6X	20	6.0 mm
DAM6.5	10	6.5 mm
DAM7	10	7.0 mm
DAM7.5	10	7.5 mm
DAM8	10	8.0 mm
DAM8.5	10	8.5 mm
DAM9	10	9.0 mm
DAM9.5	10	9.5 mm
DAM10	10	10.0 mm
DAM10.5	5	10.5 mm
DAM11	5	11.0 mm
DAM12	5	12.0 mm
DAM13	5	13.0 mm

BEST VALUE

ABRACS HSS Roll Forged Drills - Imperial

For use on common steel material applications and plastic. 118° tip angle improves heat removal and ensures precise pilot drilling.

Part No.	Pack of	Ø
DAP14	10	1/4"
DAP14X	20	1/4"
DAP18	10	1/8"
DAP18X	50	1/8"
DAP316	10	3/16"
DAP316X	25	3/16"

BEST VALUE

ABRACS HSS Roll Forged Drill Set - Metric

For use on common steel material applications and plastic. 118° tip angle improves heat removal and ensures precise pilot drilling.

Part No.	Qty	Description
DAMK1	1 Set	25 Piece Set

Contents: 1x 1-13 mm (0.5 mm Increments).

BEST VALUE

ABRACS HSS Roll Forged Drill Set - Metric

For use on common steel material applications and plastic. 118° tip angle improves heat removal and ensures precise pilot drilling.

Part No.	Qty	Description
DAMK2	1 Set	170 Piece Set

Contents: 10x 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0 mm. 5x 8.5, 9.0, 9.5, 10.0 mm.

RG TOOLS Cordless Drill

Complete with 1 x Li-ion 20V/4000mAh battery and mains charging adaptor. Supplied in a robust plastic storage case.

- **Precise speed adjustable trigger up to 1,450 RPM**
- **On-board LED light for better visibility**
- **Part of the 'one battery fits all' range**

Part No.	Qty	Description
RG10010	1	Cordless Drill

RG TOOLS Battery

Spare battery for use with the RG TOOLS Cordless Power Tool Range.

Part No.	Qty	Description
RG10004	1	Battery 4.0A

ABRACS HSS Flute Ground Drills - Metric

Manufactured with a split point allowing the bit to instantly grip the material resulting in higher precision, accuracy and increased drilling speeds.

Part No.	Pack of	Ø
DAG1.5	10	1.5 mm
DAG2	10	2.0 mm
DAG2.5	10	2.5 mm
DAG3	10	3.0 mm
DAG3.5	10	3.5 mm
DAG4	10	4.0 mm
DAG4.5	10	4.5 mm
DAG5	10	5.0 mm
DAG5.5	10	5.5 mm
DAG6	10	6.0 mm
DAG6.5	10	6.5 mm
DAG7	10	7.0 mm
DAG7.5	10	7.5 mm
DAG8	5	8.0 mm
DAG8.5	5	8.5 mm
DAG9	5	9.0 mm
DAG9.5	5	9.5 mm
DAG10	5	10.0 mm
DAG10.5	5	10.5 mm
DAG11	5	11.0 mm
DAG11.5	5	11.5 mm
DAG12	5	12.0 mm
DAG12.5	5	12.5 mm
DAG13	5	13.0 mm

ABRACS HSS Flute Ground Drill Set - Metric

Manufactured with a split point allowing the bit to instantly grip the material resulting in higher precision, accuracy and increased drilling speeds.

Part No.	Qty	Description
DAGK1	1 Set	15 Piece Set

Contents: 1x 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 8.0, 9.0, 10.0 mm.

ABRACS HSS Co-Cobalt (M35) Drills - Metric

5% cobalt for longer life. Manufactured with a split point allowing the bit to instantly grip the material resulting in higher precision, accuracy and increased drilling speeds.

Part No.	Pack of	Ø
DAC1	10	1.0 mm
DAC1.5	10	1.5 mm
DAC2	10	2.0 mm
DAC2.5	10	2.5 mm
DAC3	10	3.0 mm
DAC3.3	10	3.3 mm
DAC3.5	10	3.5 mm
DAC4	10	4.0 mm
DAC4.2	10	4.2 mm
DAC4.5	10	4.5 mm
DAC5	10	5.0 mm
DAC5.5	10	5.5 mm
DAC6	10	6.0 mm
DAC6.5	10	6.5 mm
DAC6.8	10	6.8 mm
DAC7	10	7.0 mm
DAC7.5	10	7.5 mm
DAC8	5	8.0 mm
DAC8.5	5	8.5 mm
DAC9	5	9.0 mm
DAC9.5	5	9.5 mm
DAC10	5	10.0 mm
DAC10.2	5	10.2 mm
DAC10.5	5	10.5 mm
DAC11	5	11 mm
DAC11.5	5	11.5 mm
DAC12	5	12.0 mm
DAC12.5	5	12.5 mm
DAC13	5	13.0 mm

ABRACS HSS Co-Cobalt M35 Drill Kit - Metric

Supplied in a durable metal case.

Part No.	Qty	Description
DACK1	1 Set	19 Piece Kit

Contents: 1x 1-10 mm (0.5 mm Increments).

ABRACS HSS Co-Cobalt M35 Drill Kit - Metric

Supplied in a durable metal case.

Part No.	Qty	Description
DACK2	1 Set	170 Piece Set

Contents: 10x 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0 mm. 5x 8.5, 9.0, 9.5, 10.0 mm.

ABRACS HSS Flute Ground Drill Set - Metric

Manufactured with a split point allowing the bit to instantly grip the material resulting in higher precision, accuracy and increased drilling speeds.

Part No.	Qty	Description
DAGK2	1 Set	170 Piece Set

Contents: 10x 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0 mm. 5x 8.5, 9.0, 9.5, 10.0 mm.

DORMER

DORMER 'A100' HSS Jobber Twist Drills - Metric

Steam tempered. 118° point angle. DIN 338.

Part No.	Pack of	Ø	Length
DHM1	10	1 mm	34 mm
DHM1.5	10	1.5 mm	40 mm
DHM2	10	2 mm	49 mm
DHM2.5	10	2.5 mm	57 mm
DHM3	10	3 mm	61 mm
DHM3.2	10	3.2 mm	65 mm
DHM3.3	10	3.3 mm	65 mm
DHM3.5	10	3.5 mm	70 mm
DHM4	10	4 mm	75 mm
DHM4.2	10	4.2 mm	75 mm
DHM4.5	10	4.5 mm	80 mm
DHM4.8	10	4.8 mm	86 mm
DHM4.9	10	4.9 mm	86 mm
DHM5	10	5 mm	86 mm
DHM5.5	10	5.5 mm	93 mm
DHM6	10	6 mm	93 mm
DHM6.5	10	6.5 mm	101 mm
DHM6.8	10	6.8 mm	109 mm
DHM7	10	7 mm	109 mm
DHM7.5	10	7.5 mm	109 mm
DHM8	10	8 mm	117 mm
DHM8.5	10	8.5 mm	117 mm
DHM9	10	9 mm	125 mm
DHM9.5	10	9.5 mm	125 mm
DHM10	10	10 mm	133 mm
DHM10.2	5	10.2 mm	133 mm
DHM10.5	5	10.5 mm	133 mm
DHM11	5	11 mm	142 mm
DHM11.5	5	11.5 mm	142 mm
DHM12	5	12 mm	151 mm
DHM12.5	5	12.5 mm	151 mm
DHM13	5	13 mm	151 mm

DORMER

DORMER 'A100' HSS Jobber Twist Drills - Imperial

Steam tempered. 118° point angle. DIN 338.

Part No.	Pack of	Ø	Length
DH116	10	1/16"	43 mm
DH1964	10	19/64"	117 mm
DH564	10	5/64"	49 mm
DH516	10	5/16"	117 mm
DH332	10	3/32"	57 mm
DH2164	10	21/64"	117 mm
DH764	10	7/64"	61 mm
DH1132	10	11/32"	125 mm
DH18	10	1/8"	65 mm
DH2364	10	23/64"	125 mm
DH964	10	9/64"	70 mm
DH38	10	3/8"	133 mm
DH532	10	5/32"	75 mm
DH2564	10	25/64	133 mm
DH1164	10	11/64"	80 mm
DH1332	5	13/32"	133 mm
DH316	10	3/16"	86 mm
DH2764	5	27/64"	142 mm
DH1364	10	13/64"	86 mm
DH716	5	7/16"	142 mm
DH732	10	7/32"	93 mm
DH2964	5	29/64"	142 mm
DH1564	10	15/64"	93 mm
DH1532	5	15/32"	151 mm
DH14	10	1/4"	101 mm
DH3164	5	31/64"	151 mm
DH1764	10	17/64"	109 mm
DH12	5	1/2"	151 mm
DH932	10	9/32"	109 mm

DORMER

DORMER 'A100' HSS Jobber Twist Drill Set - Metric Set No. '419'

Steam tempered.
118° point angle.
DIN 338. Supplied in a plastic selector box.

Part No.	Qty	Description
DHK19	1 Set	19 Piece Set

19 x Sizes: 1.0 - 10.0 mm in 0.5 mm steps.

DORMER

DORMER 'A100' HSS Jobber Twist Drill Set - Metric Set No. '204'

Steam tempered. 118° point angle.
DIN 338.
Supplied in a plastic storage box.

Part No.	Qty	Description
DHK25	1 Set	25 Piece Set

25 x Sizes: 1.0 - 13.0 mm in 0.5 mm steps.

SAS

S·A·S Cutting Oil

For all metal types.

- Improves lubrication/cooling.
- Retains viscosity at high cutting temperatures.
- Prevents tarnishing.
- Extends tool life.
- Silicone FREE formula.

Part No.	Pack of	Size
SAS46	6	500ml Aerosols

Assorted Pack of Plastic Wall Plugs

Part No.	Pack of
AP49	400 Pieces

3 x Colours: Yellow, Red, Brown.

DORMER

DORMER 'A002' HSS Jobber Twist Drill Set - Metric Set No. '419'

Bright finish/TiN tipped.
Split point (above 2.0 mm).
118° point angle. DIN 338.
Supplied in a plastic selector box.

Part No.	Qty	Description
DDK19	1 Set	**19 Piece Set**

19 x Sizes: 1.0 - 10.0 mm in 0.5 mm steps.

DORMER

DORMER 'A002' HSS Jobber Twist Drill Set - Metric Set No. '204'

Bright finish/TiN tipped. Split point (above 2.0 mm).
118° point angle. DIN 338.
Supplied in a plastic storage box.

Part No.	Qty	Description
DDK25	1 Set	**25 Piece Set**

25 x Sizes: 1.0 - 13.0 mm in 0.5 mm steps.

DORMER

DORMER 'A002' HSS Jobber Twist Drills - Metric

Bright finish/TiN tipped.
Split point (above 2.0 mm).
118° point angle. DIN 338.

Part No.	Pack of	Ø	Length
DXM1	10	**1 mm**	34 mm
DXM1.5	10	**1.5 mm**	40 mm
DXM2	10	**2 mm**	49 mm
DXM2.5	10	**2.5 mm**	57 mm
DXM3	10	**3 mm**	61 mm
DXM3.2	10	**3.2 mm**	65 mm
DXM3.3	10	**3.3 mm**	65 mm
DXM3.5	10	**3.5 mm**	70 mm
DXM4	10	**4 mm**	75 mm
DXM4.2	10	**4.2 mm**	75 mm
DXM4.5	10	**4.5 mm**	80 mm
DXM4.8	10	**4.8 mm**	86 mm
DXM4.9	10	**4.9 mm**	86 mm
DXM5	10	**5 mm**	86 mm
DXM5.5	10	**5.5 mm**	93 mm
DXM6	10	**6 mm**	93 mm
DXM6.5	10	**6.5 mm**	101 mm
DXM6.8	10	**6.8 mm**	109 mm
DXM7	10	**7 mm**	109 mm
DXM7.5	10	**7.5 mm**	109 mm
DXM8	10	**8 mm**	117 mm
DXM8.5	10	**8.5 mm**	117 mm
DXM9	10	**9 mm**	125 mm
DXM9.5	10	**9.5 mm**	125 mm
DXM10	10	**10 mm**	133 mm
DXM10.2	5	**10.2 mm**	133 mm
DXM10.5	5	**10.5 mm**	133 mm
DXM11	5	**11 mm**	142 mm
DXM11.5	5	**11.5 mm**	142 mm
DXM12	5	**12 mm**	151 mm
DXM12.5	5	**12.5 mm**	151 mm
DXM13	5	**13 mm**	151 mm

DORMER

DORMER 'A002' HSS Jobber Twist Drills - Imperial

Bright finish/TiN tipped.
Split point (above 2.0 mm).
118° point angle. DIN 338.

Part No.	Pack of	Ø	Length
DX116	10	**1/16"**	43 mm
DX1964	10	**19/64"**	117 mm
DX564	10	**5/64"**	49 mm
DX516	10	**5/16"**	117 mm
DX332	10	**3/32"**	57 mm
DX2164	10	**21/64"**	117 mm
DX764	10	**7/64"**	61 mm
DX1132	10	**11/32"**	125 mm
DX18	10	**1/8"**	65 mm
DX2364	10	**23/64"**	125 mm
DX964	10	**9/64"**	70 mm
DX38	10	**3/8"**	133 mm
DX532	10	**5/32"**	75 mm
DX2564	10	**25/64"**	133 mm
DX1164	10	**11/64"**	80 mm
DX1332	5	**13/32"**	133 mm
DX316	10	**3/16"**	86 mm
DX2764	5	**27/64"**	142 mm
DX1364	10	**13/64"**	86 mm
DX716	5	**7/16"**	142 mm
DX732	10	**7/32"**	93 mm
DX2964	5	**29/64"**	142 mm
DX1564	10	**15/64"**	93 mm
DX1532	5	**15/32"**	151 mm
DX14	10	**1/4"**	101 mm
DX3164	5	**31/64"**	151 mm
DX1764	10	**17/64"**	109 mm
DX12	5	**1/2"**	151 mm
DX932	10	**9/32"**	109 mm

DORMER

DORMER 'A002' HSS Jobber Twist Drill Set - 1-10mm

Bright finish/TiN tipped. Split point (above 2.0 mm).
118° point angle. DIN 338. Supplied in a plastic storage case.

Part No.	Qty	Description
DDK170	1 Set	**170 Piece Set**

19 x Sizes: 1.0 - 10.0 mm in 0.5 mm steps.
1.0 mm (x 10) 1.5 mm (x 10) 2.0 mm (x 10) 2.5 mm (x 10) 3.0 mm (x 10) 3.5 mm (x 10) 4.0 mm (x 10) 4.5 mm (x 10)
5.0 mm (x 10) 5.5 mm (x 10) 6.0 mm (x 10) 6.5 mm (x 10) 7.0 mm (x 10) 7.5 mm (x 10) 8.0 mm (x 10) 8.5 mm (x 5)
9.0 mm (x 5) 9.5 mm (x 5) 10.0 mm (x 5)

ALPEN 'Sprint Master' HSS Jobber Twist Drills - Imperial

DIN 338.

Part No.	Qty	Ø
DR116	10	1/16"
DR564	10	5/64"
DR332	10	3/32"
DR764	10	7/64"
DR18	10	1/8"
DR18L	50	1/8"
DR964	10	9/64"
DR532	10	5/32"
DR1164	10	11/64"
DR316	10	3/16"
DR316L	50	3/16"
DR1364	10	13/64"
DR732	10	7/32"
DR1564	10	15/64"
DR14	10	1/4"
DR14L	50	1/4"
DR1764	10	17/64"
DR932	10	9/32"
DR1964	10	19/64"
DR516	10	5/16"
DR2164	10	21/64"
DR1132	10	11/32"
DR2364	10	23/64"
DR38	10	3/8"
DR2564	10	25/64"
DR1332	5	13/32"
DR2764	5	27/64"
DR716	5	7/16"
DR2964	5	29/64"
DR1532	5	15/32"
DR3164	5	31/64"
DR12	5	1/2"

ALPEN 'Sprint Master' HSS Jobber Twist Drills - Metric

DIN 338.

Part No.	Qty	Ø
DRM1	10	1 mm
DRM1.5	10	1.5 mm
DRM2	10	2 mm
DRM2.5	10	2.5 mm
DRM3	10	3 mm
DRM3.2	10	3.2 mm
DRM3.3	10	3.3 mm
DRM3.5	10	3.5 mm
DRM4	10	4 mm
DRM4.5	10	4.5 mm
DRM4.8	10	4.8 mm
DRM5	10	5 mm
DRM5.5	10	5.5 mm
DRM6	10	6 mm
DRM6.5	10	6.5 mm
DRM7	10	7 mm
DRM7.5	10	7.5 mm
DRM8	10	8 mm
DRM8.5	10	8.5 mm
DRM9	10	9 mm
DRM9.5	10	9.5 mm
DRM10	10	10 mm
DRM10.5	5	10.5 mm
DRM11	5	11 mm
DRM11.5	5	11.5 mm
DRM12	5	12 mm
DRM12.5	5	12.5 mm
DRM13	5	13 mm

ALPEN 'Sprint Master' HSS Jobber Drill Set - Metric Sizes

DIN 338. Supplied in a metal dispenser.

Part No.	Qty	Description
DRK25	1 Set	25 Piece Set

25 x Metric Sizes: 1.0 - 13.0 mm in 0.5 mm steps.

ALPEN 'Sprint Master' HSS Jobber Drill Set - Metric Sizes

DIN 933.
Supplied in a plastic selector.

Part No.	Qty	Description
DRK19	1 Set	19 Piece Set

19 x Metric Sizes: 1.0 - 10.0 mm in 0.5 mm steps.

ALPEN 'Sprint Master' HSS Jobber Drill Set - Metric Sizes

DIN 338. Supplied in a plastic storage case.
Sizes 2-3 mm are gold in colour.

Part No.	Qty	Description
TM13	1 Set	13 Piece Set

13 x Metric Sizes: 2-8 mm in 0.5 mm steps.

PCL 10 mm (3/8") Pneumatic Reversible Drill

Ideal for drilling, reaming and honing.
Side mounted forward/reverse shift,
fitted with 10 mm (3/8") keyless chuck.
Free speed 1,800 RPM, Air Consumption 130 l/min,
Sound 87 db (A), Vibration 1.5 m/s^2 Weight 1.1 kg.

Part No.	Qty	Description
ALT3	1	10 mm Reversible Drill

ALPEN 'Super' HSS (Ground Flute) Jobber Twist Drills - Metric

DIN 338.

Part No.	Qty	Ø
DGM1	10	1 mm
DGM1.5	10	1.5 mm
DGM2	10	2 mm
DGM2.5	10	2.5 mm
DGM3	10	3 mm
DGM3.5	10	3.5 mm
DGM4	10	4 mm
DGM4.5	10	4.5 mm
DGM5	10	5 mm
DGM5.5	10	5.5 mm
DGM6	10	6 mm
DGM6.5	10	6.5 mm
DGM7	10	7 mm
DGM7.5	10	7.5 mm
DGM8	10	8 mm
DGM8.5	10	8.5 mm
DGM9	10	9 mm
DGM9.5	10	9.5 mm
DGM10	10	10 mm
DGM10.5	5	10.5 mm
DGM11	5	11 mm
DGM11.5	5	11.5 mm
DGM12	5	12 mm
DGM12.5	5	12.5 mm
DGM13	5	13 mm

ALPEN Metal Drill Dispenser - Metric

Holds 25 Drills from 1 - 13 mm in 0.5 mm steps. Supplied empty.

Part No.	Qty	Description
DRD25	1	Drill Dispenser

ALPEN HSS-Co Cobalt Split Point Jobber Twist Drills

DIN 338. 5% Cobalt alloy content.

Part No.	Qty	Ø
DCB1	1	1 mm
DCB1.5	1	1.5 mm
DCB2	1	2 mm
DCB2.5	1	2.5 mm
DCB3	1	3 mm
DCB3.2	1	3.2 mm
DCB3.3	1	3.3 mm
DCB3.5	1	3.5 mm
DCB4	1	4 mm
DCB4.5	1	4.5 mm
DCB4.8	1	4.8 mm
DCB5	1	5 mm
DCB5.5	1	5.5 mm
DCB6	1	6 mm
DCB6.5	1	6.5 mm
DCB7	1	7 mm
DCB7.5	1	7.5 mm
DCB8	1	8 mm
DCB8.5	1	8.5 mm
DCB9	1	9 mm
DCB9.5	1	9.5 mm
DCB10	1	10 mm
DCB10.5	1	10.5 mm
DCB11	1	11 mm
DCB11.5	1	11.5 mm
DCB12	1	12 mm
DCB12.5	1	12.5 mm
DCB13	1	13 mm

ALPEN HSS-Co Cobalt Jobber Drill Sets - Metric Sizes

Cross cut point. DIN 338. Supplied in a metal dispenser.

Part No.	Qty	Description
DCK19	1 Set	19 Piece Set
19 x Metric Sizes: 1.0 - 10.0 mm in 0.5 mm steps.		

ALPEN HSS-Co Cobalt Jobber Drill Sets - Metric Sizes

Cross cut point. DIN 338. Supplied in a metal dispenser.

Part No.	Qty	Description
DCK25	1 Set	25 Piece Set
25 x Metric Sizes: 1.0 - 13.0 mm in 0.5 mm steps.		

DORMER 'A777' HSS-Co Cobalt Jobber Twist Drills - Metric

Bronze Finish, 135° 4 Facet Point. DIN 338.

Part No.	Qty	Ø
DXC2.5	10	2.5 mm
DXC3.0	10	3 mm
DXC3.2	10	3.2 mm
DXC3.3	10	3.3 mm
DXC3.5	10	3.5 mm
DXC4.0	10	4 mm
DXC4.5	10	4.5 mm
DXC5.0	10	5 mm
DXC5.5	10	5.5 mm
DXC6.0	10	6 mm
DXC6.5	10	6.5 mm
DXC8.0	10	8 mm

DORMER

DORMER 'A723' Spot Weld Drills

HSCo. Bronze finish.

Part No.	Qty	Ø	Length
DDW1	1	6.0 mm	66 mm
DDW2	1	6.0 mm	93 mm
DDW3	1	8.0 mm	79 mm
DDW4	1	8.0 mm	117 mm

alpen drill better.

ALPEN HSS-Co Cobalt Spot Weld Drills

Part No.	Qty	Ø x Length
TL535	1	6 mm x 80 mm
TL538	1	8 mm x 80 mm

alpen drill better.

ALPEN HSS-Co Cobalt Spot Weld Drills

Titanium coated.

Part No.	Qty	Ø x Length
TL526	1	8 mm x 80 mm

Looking for Carbide Mill Cutters?
Our full range is on Page 252

ABRACS abrasives and accessories

ABRACS Blacksmith Drills

Suitable for steel, cast iron, non ferrous materials.

Part No.	Qty	Size x Shaft Ø
DAB14	1	14.0 x 10 mm
DAB14.5	1	14.5 x 10 mm
DAB15	1	15.0 x 10 mm
DAB16	1	16.0 x 10 mm
DAB17	1	17.0 x 13 mm
DAB18	1	18.0 x 13 mm
DAB19	1	19.0 x 13 mm
DAB20	1	20.0 x 13 mm
DAB22	1	22.0 x 13 mm
DAB25	1	25.0 x 13 mm

alpen drill better.

ALPEN HSS Blacksmiths' Drills

1/2" Parallel Shank. DIN WN 734.

Part No.	Qty	Ø
DR916	1	9/16"
DR34	1	3/4"
DR58	1	5/8"
DR1316	1	13/16"
DR1116	1	11/16"
DR78	1	7/8"

alpen drill better.

ALPEN 'Sprint Master' HSS Reduced Shank Jobber Drills

Part No.	Qty	Ø	Shank Ø
DRS14	1	14 mm	9.5 mm
DRS15	1	15 mm	9.5 mm
DRS16	1	16 mm	9.5 mm
DRS18	1	18 mm	12.5 mm
DRS19	1	19 mm	12.5 mm
DRS20	1	20 mm	12.5 mm

alpen drill better.

ALPEN 'Super' HSS Stub Drills

DIN WN 301.

Part No.	Pack of	Ø
DRST18	10	3.2 mm

alpen drill better.

ALPEN HSS Stub Drills

Double-Ended. DIN WN 321.

Part No.	Pack of	Ø
DRST32	10	3.2 mm

alpen drill better.

ALPEN HSS-Co Cobalt Stub Drill Set

Cross Cut Point. DIN 1897 PZ. Supplied in a plastic storage case.

Part No.	Qty	Description
DCK6	1 Set	6 Piece Set

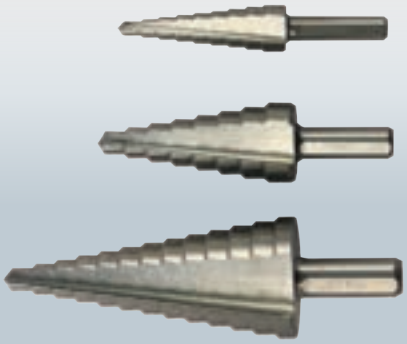
6 x Metric Sizes: 2, 3, 4, 5, 6, 8 mm.

ALPEN Masonry Drill Set

Supplied in a plastic storage case.

Part No.	Qty	Description
DRK8	1 Set	8 Piece Set

8 x Sizes: 3, 4, 5, 6, 7, 8, 9, 10 mm.



ABRACS HSS Step Drills

Precision ground with split point for higher precision, accuracy and significantly faster drilling speeds.

Part No.	Qty	Range/Steps
TL577	1	4 - 20 mm (2 mm steps)
TL578	1	6 - 30 mm (2 mm steps)
TL573	1	4 - 12 mm (1 mm steps)

ABRACS HSS Step Drill Kit

Three edged shank eliminates slipping and a dual cutting edge for fast and effective drilling. Supplied in a robust plastic case.

Part No.	Qty	Description
TL579	1 Kit	3 Piece Kit

Contents: 1x 4-12 mm, 1x 4-20 mm and 1x 6-30 mm.

ALPEN Profi Multicut Universal Drill Set

Tungsten carbide. Supplied in a plastic storage case.

- High working speed
- No bit changes
- Extremely versatile
- All diamond-ground cutting edges, so also ideal for metals
- Precise drilling - even with changing drills in various materials
- Patented 4-stage profile for fast bore-dust removal

Part No.	Qty	Descriptions
DPMK5	1 Set	5 Piece Set

5 x Sizes: 4, 5, 6, 8, 10 mm.

HSS Step Drills

Part No.	Qty	Range/Steps
TL571	1	12 - 20 mm (1 mm steps)
TL572	1	20 - 30 mm (1 mm steps)

HSS Taper Drills (Cone Cutter)

Part No.	Qty	Range
TL581	1	8 - 20 mm
TL582	1	16 - 30 mm

HSS Step Drill & Milling Cutter

Part No.	Qty	Range/Steps
TL569	1	4 - 12 mm (2 mm steps)

HSS Countersinks

Part No.	Qty	Ø
TL586	1	12.4 mm
TL587	1	20.5 mm

ABRACS Counter Sink Set

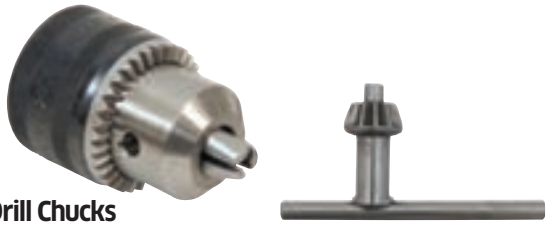
Manufactured from high speed steel with a 90° cutting edge for ultimate performance. Supplied in a robust plastic case.

Part No.	Qty	Description
TL588	1 Set	6 Piece Set

Contents: 1x 6.3, 8.3, 10.4, 12.4, 16.5 and 20.5 mm.

Drill Chucks
Complete with chuck keys.

Part No.	Qty	Mount	Capacity	Key Type
DRC1	1	3/8" x 24 F	1 - 10 mm	S2A

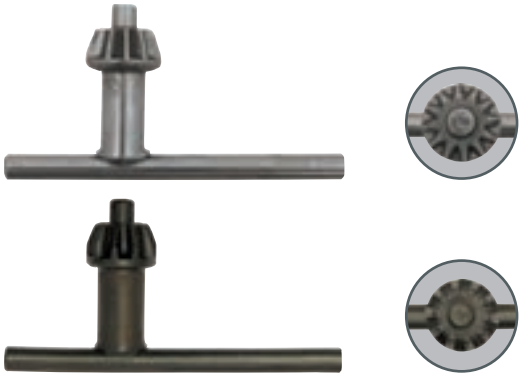


Drill Chucks
Complete with chuck keys.

Part No.	Qty	Mount	Capacity	Key Type
DRC2	1	1/2" x 20 F	1.5 -13 mm	S2A

Keyless Drill Chucks
Suitable for rotary percussion drilling but should be used with SDS type impact action.
- **Keyless convenience - Fast bit changeover, and no lost keys.**

Part No.	Qty	Mount	Capacity
DRC5	1	3/8" x 24	1.5 - 10 mm
DRC6	1	1/2" x 20	2 - 13 mm



Replacement Chuck Keys

Part No.	Pack of	Key Type	Suits Part No.s
DKEY3	5	S2A	DRC1, DRC2
DKEY2	5	For JACOBS K30 or RÖHM S8 Types	

Rethreading Tap Set
DIN 352 (HSS Hand Taps), DIN 1814 (Adjustable Tap Wrench). Supplied in a metal dispenser.

Part No.	Qty	Description
TL541	1 Set	22 Piece Set

21 x Hand Taps: M3, M4, M5, M6, M8, M10, M12. 1 x Adjustable Tap Wrench No. 1, 1/2" for taps: M1 - M12.

TENG TOOLS Rethreading Tap & Die Set
Supplied in a tool tray.

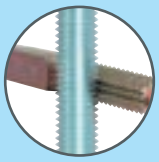
Part No.	Qty	Description
TTTD17	1 Set	17 Piece Set

7 x Metric Dies: 3 x 0.5, 4 x 0.7, 5 x 0.8, 6 x 1.0, 8 x 1.25, 10 x 1.5, 12 mm x 1.75.
7 x Metric Taps: 3, 4, 5, 6, 8, 10, 12 mm. 1 x Tap Handle, capacity 3 to 12 mm.
1 x Die Handle with adjustment screw, capacity 3 to 12 mm. 1 x Screw pitch gauge.

Rethreading Tap & Die Set
HSS-G Hand Taps. For metric ISO-thread DIN 13, tolerance 6H. DIN 352 (Hand Taps), DIN 1814 (Adjustable Tap Wrench), DIN 223 (Round Dies), DIN 225 (Die Stock). Supplied in a metal dispenser.

Part No.	Qty	Description
TL540	1 Set	32 Piece Set

21 x Hand Taps: M3, M4, M5, M6, M8, M10, M12. 7 x Round Dies: M3, M4, M5, M6, M8, M10, M12.
1 x Dies Stock, 25 x 9 mm: M7 - M9. 1 x Adjustable Tap Wrench No. 1, 1/2" for taps: M1 - M12.
1 x Screwdriver. 1 x Thread Gauge: Metric.



Thread Repair Files
For defect inner and outer threads. Suitable for the repair of both right as well as left hand threads with different diameters. Length: 230 mm.

Part No.	Qty	Thread Type
TL7635	1	Metric Sizes

8 x Pitches: 0.80, 1.00, 1.25, 1.50, 1.75, 2.00, 2.50, 3.00 mm.

Part No.	Qty	Thread Type
TL7636	1	Imperial Sizes

8 x Pitches: 24, 20, 18, 16, 14, 12, 11, 10 Pitch Per Inch.

Tap Wrench Adjustable Type

DIN 1814.

Part No.	Qty	Size	for Taps
TL547	1	No. 2	M3.5 - M12

Tap Wrench with Ratchet

Part No.	Qty	Length	for Taps
TL546	1	100 mm	M5 - M12

Dies

DIN 223.

Part No.	Qty	Thread x Pitch
TL521	1	M5 x 0.80 mm
TL522	1	M6 x 1.00 mm
TL523	1	M8 x 1.25 mm
TL524	1	M10 x 1.50 mm
TL525	1	M12 x 1.75 mm

Hand Taps

HSS-G ground thread.
DIN 352, DIN 13.
Kit contains Taper, Second and Plug.

Part No.	Set of	Thread x Pitch
TL549	3	M5 x 0.80 mm
TL542	3	M6 x 1.00 mm
TL543	3	M8 x 1.25 mm
TL544	3	M10 x 1.50 mm
TL545	3	M12 x 1.75 mm

Thread Insert System Kits

Supplied in a robust plastic storage case.

Part No.	Qty	Size	Pitch
HRK105	1 Kit	M5	0.80 mm
HRK106	1 Kit	M6	1.00 mm
HRK108	1 Kit	M8	1.25 mm
HRK110	1 Kit	M10	1.50 mm
HRK112	1 Kit	M12	1.75 mm

Kit contains: 1 x Pre-wind Installation Tool. 1 x HSS-G Tap.
1 x HSS Drill: 5.2 mm 1 x Tang Break-off Tool: No. 8. 20 x Inserts.

Insert Replacement Packs - Metric

Part No.	Pack of	Size	Pitch
HRP105	10	M5	0.80 mm
HRP106	10	M6	1.00 mm
HRP108	10	M8	1.25 mm
HRP110	10	M10	1.50 mm
HRP112	10	M12	1.75 mm

Thread Repair Kit - Spark Plug Inserts

Supplied in a robust plastic storage case.

Part No.	Qty	Size	Pitch
HRK214	1 Kit	M14	1.25 mm

Kit contains: 1 x Pre-wind Installation Tool. 1 x HSS-G Tap:
5 x Inserts M14 x 1.25 mm: 8.4 mm, 12.4 mm, 16.4 mm Reach.

Insert Replacement Packs - Spark Plug M14 x 1.25 mm

Part No.	Pack of	Size x Pitch	Reach
HRP208	10	M14 x 1.25 mm	1/2"
HRP212	10	M14 x 1.25 mm	3/4"

Lambda Sensor Thread Repair Kit

Chrome Molybdenum.
Supplied in robust storage case.

- **Quick and easy repair without component disassembly. Repairs damaged Lambda Probe Threads.**

Part No.	Qty	Description
TL1200	1 Set	9 Piece Set

1 x Reamer and insert tool. 5 x Insert nuts with collar.
2 x Taps: M18 x 1.5 mm x 50 mm, M20 x 1.5 mm x 50 mm.

ABRACS Cobalt Hole Saw (M42)

Bi metal construction with 8% Cobalt for extreme strength, durability and performance.

Part No.	Qty	Ø
THS16	1	16 mm
THS19	1	19 mm
THS20	1	20 mm
THS22	1	22 mm
THS25	1	25 mm
THS29	1	29 mm
THS30	1	30 mm
THS32	1	32 mm
THS35	1	35 mm
THS38	1	38 mm
THS40	1	40 mm
THS44	1	44 mm
THS48	1	48 mm
THS51	1	51 mm
THS57	1	57 mm
THS60	1	60 mm
THS64	1	64 mm
THS70	1	70 mm
THS76	1	76 mm
THS83	1	83 mm
THS102	1	102 mm
THS114	1	114 mm

ABRACS Hole Saw Arbor

Premium quality arbor to work in conjunction with Abracs hole saws.

Part No.	Qty	Type	Fits Hole Saw	Thread Size
THSA1	1	A1	14 - 30 mm	1/2" - 20 UNF
THSA2	1	A2	32 - 152 mm	5/8" - 18 UNF

ABRACS Quick-Release Universal Hole Saw Arbor

Premium quality arbor to work in conjunction with Abracs hole saws.

Part No.	Qty	Type	Thread Size
THSA3	1	A1/A2	1/2" - 20 UNF / 5/8" - 18 UNF

ABRACS Hole Saw Pilot Drill Bits

Premium quality pilot drill bit to work in conjunction with Abracs arbors.

Part No.	Pack of	Size
THSP1	10	1/4" x 3" HSS

ABRACS Cobalt Hole Saw Kit

4 of the most popular size holesaws plus a compatible A1 arbor. Supplied in a sturdy plastic case.

Part No.	Qty	Description
THSK1	1 Kit	5 Piece Kit

Contents: **1x** 20, 22, 25, 29 mm Cobalt Holesaws + A1 Arbor.

ABRACS Electricians Cobalt Hole Saw Kit

Bi metal construction with 8% Cobalt for extreme strength, durability and performance.

Part No.	Qty	Description
THSK2	1 Kit	11 Piece Kit

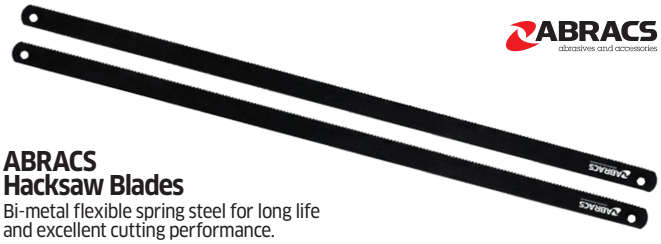
Contents: **1x** 16, 20, 22, 25, 32, 64 mm. **2x** Arbors 1x A1 1x A2. **2x** HSS Pilot Drill Bits. **1x** Arbor Adaptor.

ABRACS Plumbers Cobalt Hole Saw Kit

Bi metal construction with 8% Cobalt for extreme strength, durability and performance.

Part No.	Qty	Description
THSK3	1 Kit	17 Piece Kit

Contents: **1x** 16, 20, 22, 25, 32, 38, 44, 51, 57, 64, 76 mm. **2x** Arbors 1x A1 1x A2. **2x** HSS Pilot Drill Bits. **1x** Ejection Spring. **1x** Extension Bar.



ABRACS Hacksaw Blades

Bi-metal flexible spring steel for long life and excellent cutting performance.

Part No.	Pack of	Pitch	Length
TL651	10	18 TPI	300 mm
TL652	10	24 TPI	300 mm

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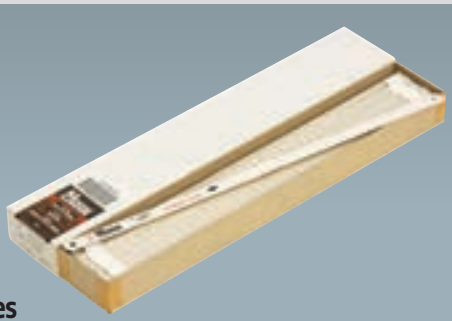


MORSE Hacksaw Blades

Bi-metal flexible blade with 8% cobalt HSS variable tooth pitch cutting edge.

- **Teeth are brought into action at varying angles for faster, smoother cutting.**

Part No.	Qty	Pitch
TL6220	Box of 100	18 TPI
TL6220A	Pack of 10	18 TPI
TL6230	Box of 100	24 TPI
TL6230A	Pack of 10	24 TPI
TL6240	Box of 100	32 TPI
TL6240A	Pack of 10	32 TPI
TL624	Box of 100	26/32 TPI

ECLIPSE PROFESSIONAL TOOLS

ECLIPSE 'Predator' Hacksaw Blades

Flexible bi-metal high speed steel. Blade size: 300 x 12.5 x 0.63 mm (12 x 1/2 x 0.025"). Virtually unbreakable for durability and safety. Cuts through all materials including alloy and stainless steel.

Part No.	Qty	Pitch
TL607A	Pack of 10	18 TPI
TL607	Box of 100	18 TPI
TL608A	Pack of 10	24 TPI
TL608	Box of 100	24 TPI
TL609A	Pack of 10	32 TPI
TL609	Box of 100	32 TPI

NEW

Hacksaw Frame

Complete with 3x 300ml blades - 24 TPI.

Part No.	Qty	Description
TL631N	1	Hacksaw Frame

ECLIPSE PROFESSIONAL TOOLS

ECLIPSE Soft Feel Hacksaw Frame

Strong, lightweight frame for greater comfort and control when sawing with soft-feel handle for comfort. Complete with ECLIPSE 24 TPI bi-metal blade.

Part No.	Qty	Description
TL605	1	Soft Feel Hacksaw Frame

BAHCO

BAHCO '317' Hacksaw

Alternative 90° blade mounting makes flush cutting possible. Complete with BAHCO 'Sandflex®' Bi-Metal 24 TPI Blade.

Part No.	Qty	Description
TB317	1	'317' Hacksaw

BAHCO

BAHCO '319' Hacksaw

Steel tube core and comfortable plastic covering. Alternative 55° blade mounting for flush cutting. Complete with BAHCO 'Sandflex®' Bi-Metal 24 TPI Blade.

Part No.	Qty	Description
TB319	1	'319' Hacksaw

BAHCO

BAHCO 'Sandflex®' Hacksaw Blades

Bi-metal flexible high speed steel. BAHCO Ref: 3906.

Part No.	Qty	Pitch
TB1018C	Pack of 30	18 TPI
TB1018	Box of 100	18 TPI
TB1024C	Pack of 30	24 TPI
TB1024	Box of 100	24 TPI
TB1032C	Pack of 30	32 TPI
TB1032	Box of 100	32 TPI

ECLIPSE PROFESSIONAL TOOLS

ECLIPSE Powersaw Blades

All Hard HSS. 350 x 25 x 1.60 mm (14" x 1" x .050").

Part No.	Qty	Length x Width x Thickness	Pitch
TL633	10	350 x 25 x 1.60 mm	10 TPI
TL634	10	350 x 25 x 1.60 mm	14 TPI

BAHCO

BAHCO 'High Speed' Power Hacksaw Blades

All hard HSS. BAHCO Ref: 3802.

Part No.	Qty	Length x Width x Thickness	Pitch
TB2221	10	300 x 25 x 1.25 mm	14 TPI
TB2320	10	350 x 25 x 1.25 mm	10 TPI
TB2321	10	350 x 25 x 1.25 mm	14 TPI
TB2330	10	350 x 32 x 1.60 mm	10 TPI
TB2331	10	350 x 32 x 1.60 mm	14 TPI
TB2430	10	400 x 32 x 1.60 mm	10 TPI

Flexback Bandsaw Blades

High performance hard tooth, flexible back carbon steel bandsaw for cutting most materials including wood, plastic and non-ferrous metals.

Part No.	Qty	Width x Thickness x Pitch	Length	Type
TL590	1	1/2" x 0.25" x 14 TPI	7' 10 1/4"	Reg Raker
TL591	1	1/2" x 0.25" x 14 TPI	7' 3 1/2"	Reg Raker
TL592	1	1/2" x 0.25" x 24 TPI	7' 10 1/4"	Reg Wavy
TL594	1	1/2" x 0.25" x 24 TPI	7' 3 1/2"	Reg Wavy
TL593	1	1/2" x 0.25" x 6 TPI	7' 3 1/2"	Skip Raker

M42 Bi-Metal Bandsaw Blades

Ideal for general purpose cutting and contour cutting of tubing, structurals and solids, especially in fabrication applications or where the material is proven to vibration.

Part No.	Qty	Width x Thickness x Pitch	Length
TL595	1	1/2" x 0.25" x 14 TPI	7' 10 1/4"
TL596	1	1/2" x 0.25" x 10 TPI	7' 10 1/4"

TENGTOOLS

TENG TOOLS Mini Hacksaw

Complete with 3 x 150 mm 24 TPI mini hacksaw blades.

- **Six position blade setting.**

Part No.	Qty	Description
T705	1	Mini Hacksaw Frame

BAHCO

BAHCO '268' Junior Hacksaw

Chrome finish with glass fibre handle.
Complete with 150 mm 32 TPI blade.

Part No.	Qty	Description
TB268	1	'268' Junior Hacksaw

BAHCO

BAHCO '268' Junior Hacksaw Blades

Part No.	Pack of	Pitch
TB2032	10	32 TPI

ABRACS abrasives and accessories

ABRACS Junior Hacksaw Blades

Bi-metal flexible spring steel for long life and excellent cutting performance.

Part No.	Pack of	Pitch	Length
TL638A	10	24 TPI	150 mm

BAHCO

BAHCO '244' Handsaw

Hard point with screwed plastic handle. For medium thick wood materials. For cutting along, as well as across, the grain.

Part No.	Qty	Description
TB244	1	22" Handsaw

BAHCO

BAHCO Jigsaw Blades - Metal

High Speed Steel. Euro Shank (Type 3802).
Fits: AEG, ATALS COPCO, BOSCH, DeWALT, HITACHI, MAKITA, METABO, MILWAUKEE and Similar Machines.
Supplied on a blister card.

Part No.	Pack of	Length x TPI	Thickness Range
TB4512	5	75 mm x 24 TPI	1 - 3 mm
TB4522	5	75 mm x 14 TPI	2.5 - 6 mm

ABRACS abrasives and accessories

ABRACS Jigsaw Blades - Metal

High performance jigsaw blades. Wavy set teeth for fine, straight cutting.

Part No.	Pack of	Length	Pitch	Type
TL645	5	77 mm	11/14 TPI	T118A
TL644	5	77 mm	11/14 TPI	T118B
TL643	5	77 mm	36 TPI	T118G
TL642	5	132 mm	21 TPI	T318A
TL640	5	132 mm	13 TPI	T318B

ABRACS abrasives and accessories

ABRACS Jigsaw Blades - Aluminium

High performance jigsaw blades. Wavy set teeth for fine, straight cutting.

Part No.	Pack of	Length	Pitch	Type
TL641	5	100 mm	8 TPI	T127D

ABRACS abrasives and accessories

ABRACS Jigsaw Blades - Wood

Side set teeth for fast, coarse cutting. Cut depth 4-50mm.

Part No.	Pack of	Length	Pitch	Type
TL647	5	100 mm	8 TPI	T111C

ABRACS abrasives and accessories

ABRACS Jigsaw Blades - Mixed Set

Contains a range of the most popular types available for cutting both wood and metal. Presented in a handy dispenser pack.

Part No.	Qty	Description
TL650	1 Set	10 Piece Set

Contents: 2x T101D for wood, 2x T111C for wood, 2x T101B for wood, 2x T118A for metal, 2x T118B for metal.

ABRACS abrasives and accessories

ABRACS Air Saw Blades

SIG, flexi soft metals up to 2 mm.

Part No.	Pack of	Pitch
TL635	5	14 TPI
TL636	5	24 TPI
TL637	5	32 TPI

Air Saw Blades

SIG, flexi soft metals up to 2 mm.

Part No.	Pack of	Pitch
TL654	5	14 TPI
TL649	5	24 TPI
TL655	5	32 TPI

ABRACS
abrasives and accessories

ABRACS
Reciprocating Saw Blades - Metal

Bi metal construction with universal fitting for use on all popular machine types.

Part No.	Pack of	Length x Depth	Pitch
TL1619	5	150 x 19 mm	28 TPI
TL1620	5	150 x 19 mm	28 TPI
TL1621	5	225 x 19 mm	28 TPI
TL1622	5	225 x 19 mm	28 TPI
TL1623	5	225 x 19 mm	28 TPI

ABRACS
abrasives and accessories

ABRACS
Reciprocating Saw Blades - Wood/Metal

Used for both fast cutting and coarse cutting a wide range of applications including sheet metal, nail embedded wood, wooden pallets, pipes, metal profiles and chipboard.

Part No.	Pack of	Length x Depth	Pitch
TL1624	5	225 x 19 mm	20 TPI
TL1625	5	225 x 19 mm	28 TPI
TL1626	5	150 x 19 mm	28 TPI

ABRACS
abrasives and accessories

ABRACS
Demolition Reciprocating Saw Blades

Designed for heavy duty fast cutting on a construction site for a wide range of materials including nail embedded wood, metal studs, roofing, walls, plaster and wall board, metal sheets, pipes and construction timber.

Part No.	Pack of	Length x Depth	Pitch
TL1627	3	150 x 22 mm	16 TPI
TL1628	3	225 x 22 mm	16 TPI

ABRACS
abrasives and accessories

ABRACS
Reciprocating Saw Blade Pack

Bi-metal construction reciprocating saw blades for fast precision or fine cutting in a selection of ultra flexible or heavy duty blade types.

Part No.	Qty	Description
TL621	1 Kit	8 Piece Kit

Contents: 2 x for wood & metal, 2 x for metal, 4 x for wood.

MORSE
THE M. K. MORSE COMPANY

MORSE Jab Saw

Heavy duty. Supplied complete with 6" x 6 TPI bi-metal reciprocating saw blade.

- **Easily change blades - Suitable for use with reciprocating saws and standard hacksaw blades**
- **Ideal for use in tight and confined places**

Part No.	Qty	Description
TL625	1 Set	2 Piece Set

MORSE
THE M. K. MORSE COMPANY

MORSE Reciprocating Saw Blades

Suitable for use with Jab Saw (Part No. TL625). Universal fitting, fits all popular reciprocating saw machines 8% Cobalt edge offers more wear resistance. Matrix II cutting edge has shock resistance teeth that resist strippage.

- **Applications Include: Machinable metal, wood, nail-embedded wood, composites, rubber, plastic, plaster and other common building materials.**

Part No.	Qty	Length x Pitch	Applications
TL629	5	6" x 6 TPI	Wood, Wood/Nails
TL626	5	6" x 14 TPI	Metal
TL628	5	6" x 18 TPI	Metal

MORSE
THE M. K. MORSE COMPANY

MORSE
Heavy Duty Reciprocating Saw Blade Kit

NOT suitable for use with Jab Saw (Part No. TL625).
Universal fitting, fits all popular reciprocating saw machines.
8% Cobalt edge offers more wear resistance.
Matrix II cutting edge has shock resistance teeth that resist strippage.

- **Applications: Machinable metal, wood, nail-embedded wood, composites, rubber, plastic, plaster and other common building materials.**

Part No.	Qty	Description
TL630	1 Kit	11 Piece Kit

1 x Blade Storage Tube. 2 x 9" x 8/11 TPI Renovator Blades. 3 x 6" x 8/11 TPI Renovator Blades. 2 x 6" x 6 TPI Havoc Blades. 2 x 6" x 10 TPI Havoc Blades. 2 x 9" x 6 TPI Havoc Blades.

ABRACS
abrasives and accessories

ABRACS
Pro Multi-Tool Blades
Wood & Metal

Designed for high performance and maximum versatility in professional use.

Part No.	Qty	Length
TLM1	1	34 mm
TLM4	1	45 mm
TLM6	1	68 mm
TLM7	1	87 mm

ABRACS
abrasives and accessories

ABRACS
Multi-Tool Wood & Metal Set

Wood blades are manufactured from chrome-vanadium steel with milled teeth. Wood and Metal blades are bi-metal. Designed for high performance and maximum versatility in professional use.

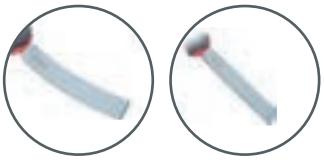
Part No.	Qty	Description
TLMK1	1 Set	4 Piece Set

Contents: 1x 34mm wood, 1x 87mm radial Wood. 1x 34mm wood & metal, 1x 68mm wood & metal.

Part No.	Qty	Description
TLMK2	1 Set	8 Piece Set

Contents: 2x 34mm wood, 1x 68mm wood, 1x 34mm wood (precision cut), 1x 68mmwood (precision cut). 1x 34mm wood & metal, 1x 45mm wood & metal, 1x 87mm radial wood & metal.

KS TOOLS
GERMANY



KS TOOLS
Chisel Scraper Set

INOX stainless steel.
Hammer through design.

Part No.	Qty	Description
K907.2210	1 Set	4 Piece Set

2 x 1.2 mm Scrapers: 25, 32 mm wide.
2 x 2.5 mm Chisel scrapers: 25, 32 mm wide.

HYDE
For a better finish, start with HYDE.

HYDE 'MAXXGRIP PRO®' Stiff Scraper - Chisel-Ended

High carbon steel blade, mirror finish.

- **Full tang blade construction.**
- **Ergo-engineered soft-grip handle to reduce fatigue, absorb shock and increase comfort during extended use.**

Part No.	Qty	Blade Width	
TNY3	1	3"	(76 mm)

HYDE
For a better finish, start with HYDE.

HYDE 'MAXXGRIP PRO®' Stiff Scraper

High carbon steel blade, mirror finish.

- **Full tang blade construction.**
- **Ergo-engineered soft-grip handle to reduce fatigue, absorb shock and increase comfort during extended use.**

Part No.	Qty	Blade Width	
TNY1	1	1 1/2"	(38 mm)
TNY2	1	2"	(51 mm)

HYDE
For a better finish, start with HYDE.

HYDE 'Black & Silver' Scraper - 5-in-1 Painter Tool

High carbon steel blade, mirror finish. Full tang blade construction.
Nylon handle resists most paint thinners and solvents.

Part No.	Qty	Blade Width	
TNY119	1	2 1/2"	(63 mm)

HYDE
For a better finish, start with HYDE.

HYDE 'Black & Silver' Scraper - Chisel-Ended/Putty Knife

High carbon steel blade, mirror finish. Full tang blade construction.
Nylon handle resists most paint thinners and solvents.

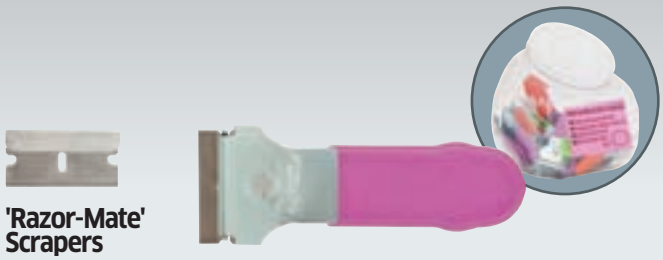
Part No.	Qty	Blade Width	
TNYP114	1	1 1/4"	(32 mm)

Looking for Razor Scrapers & Blades?

Our range of Knives + Blades continues overleaf on Page 456

Looking for Knives & Blades?

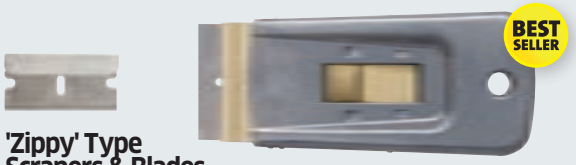
Our range of Knives + Blades continues overleaf on Page 456



'Razor-Mate' Scrapers

Various colour vinyl grips.
Supplied in a screw-top plastic jar.

Part No.	Qty	Descriptions
TNH52230	Jar of 30	'Razor-Mate' Scrapers



'Zippy' Type Scrapers & Blades

Supplied with 5 x single edge steel razor blades.

Part No.	Qty	Description
TL671	5 Sets	Scrapers with 5 Blades

Single Edge Steel Razor Blades for 'Zippy' Type Scrapers

Suitable for use with Part No.s TL671 and TNH52230.

Part No.	Box of	Description
TL672	100	Razor Blades

KS TOOLS GERMANY

KS TOOLS Jack Knife

Supplied complete with nylon belt bag.

- Teflon® coated blade with lock function
- Anti-slip handle with finger recesses

Part No.	Qty	Description	Overall Length
K907.2105	1	Jack Knife	193 mm

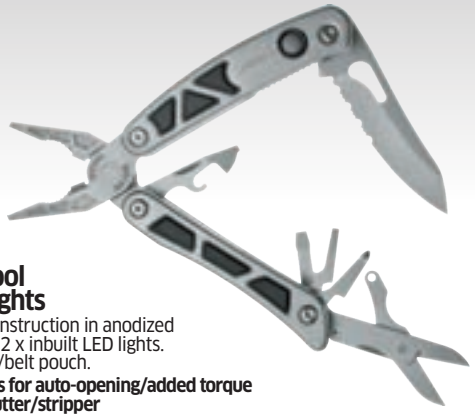
BAHCO

BAHCO Pocket Knife

Stainless steel folding blade.
Flat design to fit in pocket easily.

Part No.	Qty	Description	Overall Length
TB1	1	Stainless Steel Knife	175 mm

COAST



COAST Multi-Tool with 2 x LED Lights

Stainless steel tool construction in anodized silver finish. Includes 2 x inbuilt LED lights.
Supplied with pocket/belt pouch.

- Spring-loaded pliers for auto-opening/added torque using pliers, wire cutter/stripper
- Individual tools can be opened with handles in closed position - quick/easy access
- Ergonomic design, handle ideal compliments each of the working tools in use
- LED light in closed position, shine ahead of knife blade & pliers when in working use

Part No.	Qty	Description
TL683	1	Multi-Tool

1 x Professional quality knife, pliers, wire cutter, wire stripper, cap lifter, can opener and scissors. 4 x screwdrivers.

Trimming Knife Blades - Standard Trapezoid Type

Supplied with 100 x All metal blades. Heavy duty.

Part No.	Box of	Description
TL658	100	Trim Knife Blades in Dispenser

Trimming Knife Blades - Standard Trapezoid Type

All metal. Heavy duty.

Part No.	Pack of	Description
TL662	10 x 10	Trim Knife Blades

KS TOOLS GERMANY

KS TOOLS Folding Knife

Metal construction with belt hook. Quick-locking blade mechanism.
Supplied with 5 x standard 'Trapezoid' blades.

Part No.	Qty	Description	Overall Length
K907.2174	1 Set	Knife with 5 Blades	155 mm

COAST

COAST 'Pro Razor' Folding Knife

Stainless steel frame with nylon handle with belt clip.
Supplied with 4 standard 'Trapezoid' blades,
1 fitted and 3 in handle storage.

- Folding knife with 'Double Lock' system for added safety
- 'E-Z change' blade replacement feature

Part No.	Qty	Description	Overall Length
TL682	1	Folding Knife	188 mm

TENG TOOLS
Utility Knife - Retractable Blade

Complete with 2 x standard 'Trapezoid' blades.

Part No.	Qty	Description
T710	1	Heavy Duty Utility Knife

Trimming Knife All Metal with Top Lever Retractor

Uses standard 'Trapezoid' blades.

Part No.	Qty	Description
TL659	1	Trim Knife

Trimming Knife Spring-loaded Automatic Retractor

Uses standard 'Trapezoid' blades.

Part No.	Qty	Description
TL660	1	Auto Retract Knife

Contractors' Trimming Knife Automatic Reloading

Complete with 10 x heavy duty Sheffield made standard 'Trapezoid' blades.

- Internal storage for 10 blades (included)
- No tools required to change blade
- Soft hand grip
- Quick push button blade removal
- Blade retraction button

Part No.	Qty	Description
TL670	1	Contractors' Knife

TENG TOOLS
Utility Knife - Heavy Duty with Retractable Blade.

Complete with 2 x standard 'Trapezoid' blades.

- Ergonomic handle with non-slip section
- Quick opening and closing
- 3-step blade adjustment
- Spare blade storage inside handle

Part No.	Qty	Description
T710N	1	Utility Knife

KS TOOLS
Long Knife For Scraping

Stable aluminium knife with non-slip grip with trapezoid blade.
For use with standard trapezoid and hook blades. Blade magazine in knife.

Part No.	Qty	Length
K140.2290	1	470 mm

OLFA Trimming Knives with 'Snap-off' Blades

Heavy duty metal body.

Part No.	Pack of	Blade Width
TL673	6	9 mm Blade
TL675	1	18 mm Blade
TL677	1	25 mm Blade

OLFA Trimming Knife Blades 'Snap-off' Type

Supplied in a plastic storage box.

Part No.	Pack of	Blade Width
TL678	20	25 mm

Trimming Knives with 'Snap-off' Blades

Part No.	Pack of	Blade Width
TL663	10	9 mm
TL665	10	18 mm

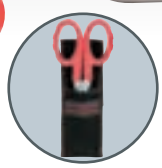
Trimming Knife Blades 'Snap-off' Type

Part No.	Pack of	Blade Width
TL664	10 x 10	9 mm
TL666	10 x 10	18 mm

KS TOOLS GERMANY

KS TOOLS Workshop Utility Scissors with Wire Cutters

Stainless steel blades. Ergonomic plastic handles.
Supplied with belt storage pouch.



Part No.	Qty	Length	
K118.0060	1	140 mm	(4 1/2")

Lever Bolt Cutters

Chrome-vanadium steel forged jaws.
Precision steel tube handles with PVC grips. DIN ISO 9242.

Part No.	Qty	Length		Capacity
TL230	1	610 mm	(24")	8 mm Ø

NWS

NWS Scissors/Shears

Stainless steel, polished cutting edges.
Black varnished handles. Heavy duty. Re-adjustable screw-joint.

Part No.	Qty	Length	
TL676	1	200 mm	(8")

ECLIPSE PROFESSIONAL TOOLS

ECLIPSE Tin Snips - Straight

Standard type.

Part No.	Qty	Length	
TL232	1	300 mm	(12")

BAHCO

BAHCO Cutting Pliers

Ergonomic handles. Black finish heads.

Part No.	Qty	Length	
TB2101G4	1	140 mm	(5 1/2")
TB2101G6	1	160 mm	**(6 1/4")**

NWS

NWS Side Cutters

Plastic coated handles. Black finish heads. DIN ISO 5749.

Part No.	Qty	Length	
TNP4/160	1	160 mm	(6 1/4")
TNP4/180	1	180 mm	(7")

TENGTOOLS

TENG TOOLS 'Mega Bite' Side Cutter

High carbon steel. 72° cutting edge angle. Vinyl coated handles.

Part No.	Qty	Length	
TMB441-6	1	150 mm	(6")

NWS

NWS Heavy Duty Side Cutters

Plastic coated handles. Black finish heads. DIN ISO 5749.

Part No.	Qty	Length	
TNP5/150	1	150 mm	(6")
TNP5/180	1	180 mm	(7")
TNP5/200	1	200 mm	(8")
TNP5/240	1	240 mm	(9 1/2")

TENGTOOLS

TENG TOOLS 'Mega Bite' Side Cutter - Heavy Duty

High carbon steel. 72° cutting edge angle. Vinyl coated handles.

Part No.	Qty	Length	
TMB442-8	1	200 mm	(8")

NWS

NWS Electricians' Miniature Side Cutters

Box jointed with double leaf spring. Soft wire capacity: 1.2 mm Ø.

Part No.	Qty	Length	
TNE3	1	115 mm	(4 1/2")

NWS

NWS 'Fantastico' Heavy Duty Side Cutters

Special tool steel, drop-forged, oil hardened.
Black 'Titan' finish. Red vinyl coated handles. DIN ISO 5749.

- **Heavy duty lever action provides a higher torque.**

Part No.	Qty	Length	
TL255	1	200 mm	(8")

NWS Side Cutter

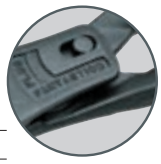
Special tool steel, drop-forged, oil hardened. Black 'Titan' finish.

Part No.	Qty	Length	
TNR4/160	1	160 mm	(4 1/4")

NWS 'Fantastico' Heavy Duty Side Cutters

Special tool steel, drop-forged, oil hardened.
Black 'Titan' finish.

- **Heavy duty lever action provides a higher torque.**



Part No.	Qty	Length	
TNR255	1	200 mm	(8")

NWS Cable Cutter

Special tool steel, drop-forged, oil-hardened. Titanium finish head, soft grip 2-component handles. Spring opening.

- **Adjustable screw-joint.**
- **For stripping and cutting copper and aluminium cable up to 25 mm Ø (70 mm²).**

Part No.	Qty	Length	
TNR7/210	1	210 mm	(8 1/4")

NWS 'PowerBolt' Heavy Duty End Cutting Nippers

Cutting edges, induction hardened, for stud bolts, nails, rives and similar materials. Cutting edges additionally induction hardened.

- **Precision cutting edges, induction hardened.**
- **V-shaped cutting edges for stripping of wires.**
- **Cable stripper function: Ø 8 - 13 mm.**

Part No.	Qty	Length	
TNP6/200	1	200 mm	(8")

NWS 'MultiCutter' 3-in-1 Wire Stripping Pliers

Special tool steel, drop-forged, oil-hardened.
Precision cutting edges, induction hardened for hard and soft wires.

- **V-shaped cutting edges for stripping of wires and stranded conductors.**
- **Cable stripper function for all common cables from 8 - 13 mm Ø**

Part No.	Qty	Length	
TNR6/180	1	180 mm	(7")

RG TOOLS VDE Diag Side Cutters 6"

Manufactured according to IEC 60900.
Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10360	1	VDE Side Cutters

RG TOOLS VDE Combi Pliers 6"

Manufactured according to IEC 60900.
Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10350	1	VDE Combi Pliers

RG TOOLS VDE Long Nose Pliers 8"

Manufactured according to IEC 60900.
Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10355	1	VDE Long Pliers

RG TOOLS VDE Bent Nose Pliers 8"

Manufactured according to IEC 60900.
Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

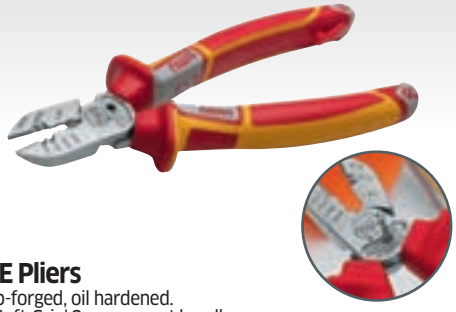
Part No.	Qty	Description
RG10365	1	VDE Bent Nose Pliers

RG TOOLS VDE Wire Strippers 6"

Manufactured according to IEC 60900.
Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10370	1	VDE Wire Strippers



NWS 4-in-1 Electricians' VDE Pliers

Special tool steel, drop-forged, oil hardened.
Matt chrome plated. 'Soft-Grip' 2 component handles
with soft inlay. Optimised slip guards according to IEC 60900. 1,000V

- **Cuts bolts up to M3.5, strips cable 1.5/2.5 mm², crimp and bend facility.**

Part No.	Qty	Length	
TNV5/190	1	190 mm	(7 1/2")

NWS VDE Side Cutter

'Soft-Grip' 2-component handles. Matt chromium plated heads.
Optimised slip guards according to IEC 60900. 1,000V.

Part No.	Qty	Length	
TNV4/160	1	160 mm	(6 1/4")

NWS VDE Combination Pliers

'Soft-Grip' 2-component handles. Matt chromium plated heads.
Optimised slip guards according to IEC 60900. 1,000V.

Part No.	Qty	Length	
TNV1/180	1	180 mm	(7")
TNV1/205	1	205 mm	(8")

NWS VDE Long (Chain) Nose Pliers

'Soft-Grip' 2-component handles. Matt chromium plated heads.
Optimised slip guards according to IEC 60900. 1,000V.

Part No.	Qty	Length	
TNV2/205	1	205 mm	(8")

NWS VDE Pliers Set

Optimised slip guards according to IEC 60900.
1,000V. Induction hardened precision edges.
2-component safety grip. For hard and soft wire.

Part No.	Qty	Description
KN782	1 Set	3 Piece Set

1 x VDE Combination:180 mm. 1 x VDE Chain Nose: 205 mm. 1 x VDE Side Cutter: 160 mm

NWS 'MultiCutter' 3-in-1 VDE Wire Stripping Pliers

Insulation to IEC 60900
1,000V. Matt chromium plated heads.
'Soft-Grip' 2-component handles with soft inlay.

- **Precision cutting edges, induction hardened.**
- **V-shaped cutting edges for stripping of wires.**
- **Cable stripper function: Ø 8 - 13 mm.**

Part No.	Qty	Length	
TNV6/180	1	180 mm	(7")

NWS 'ErgoCombi' High Leverage VDE Combination Pliers

Insulation to IEC 60900 1,000V. Tool steel, drop-forged,
oil-hardened Matt chromium plated heads.
'Soft-Grip' 2-component handles with soft inlay.

- **Ergonomically angled head for strain-free working.**
- **Optimum power transmission from improved leverage.**
- **Can also be used as a spanner.**

Part No.	Qty	Length	
TNV8/200	1	200 mm	(8")

Looking for more Pliers?

Our range of Pliers continue
in the next section on Page 462

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General Hand Tools

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462 Locking Pliers
463 Pliers
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469 Chisels + Punches
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487 Ratchet + Socket Sets
490 Socket Rail Sets
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493 Deep Sockets
494 Impact Sockets
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498 Impact Drivers + Bit Sets

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IRWIN VISE-GRIP

IRWIN VISE-GRIP Locking Pliers

Straight jaws.

Part No.	Qty	Length		Ref.
TNA7R	1	7"	(175 mm)	7R
TNA10R	1	10"	(250 mm)	10R

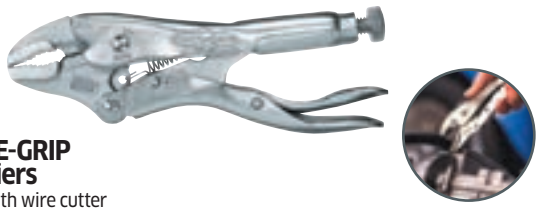
IRWIN VISE-GRIP

IRWIN VISE-GRIP Locking Pliers

Long nose with wire cutter.

Part No.	Qty	Length		Ref.
TNA4LN	1	4"	(100 mm)	4LN
TNA6LN	1	6"	(150 mm)	6LN
TNA9LN	1	9"	(225 mm)	9LN

IRWIN VISE-GRIP



IRWIN VISE-GRIP Locking Pliers

Curved jaws with wire cutter

Part No.	Qty	Length		Ref.
TNA4WR	1	4"	(100 mm)	4WR
TNA5WR	1	5"	(125 mm)	5WR
TNA7WR	1	7"	(175 mm)	7WR
TNA10WR	1	10"	(250 mm)	10WR

IRWIN VISE-GRIP

IRWIN VISE-GRIP Locking Welding Clamp

Part No.	Qty	Length		Ref.
TNA9R	1	9"	(225 mm)	9R

IRWIN VISE-GRIP

IRWIN VISE-GRIP Locking C-Clamps

Part No.	Qty	Length		Ref.
TNA6R	1	6"	(150 mm)	6R
TNA11R	1	11"	(275 mm)	11R

TENGTOOLS

TENG TOOLS 'Power Grip' Locking Pliers - Round & Flat Grip

Wire cutter/crimper action.

Part No.	Qty	Length	
T401-7	1	7"	(180 mm)
T401-10	1	10"	(250 mm)

TENGTOOLS

TENG TOOLS 'Power Grip' Pliers Set

Supplied in a tool tray.

Part No.	Qty	Description
TTTVG05	1 Set	5 Piece Set

3 x Combination Pliers: 4", 7", 10". 2 x Long Nose Pliers: 4", 6"

PYTHON G-Clamps

Part No.	Qty	Jaw Capacity
TL355	1	150 mm
TL356	1	200 mm

BAHCO

BAHCO Pliers Set

Ergonomic handles. Black finish heads.

Part No.	Qty	Description
TB9897	1 Set	4 Piece Set

1 x Combination Pliers: 180 mm. 1 x Snipe Nose Pliers: 160 mm.
1 x Cutting Pliers: 160 mm. 1 x Slip Joint Pliers: 250 mm.

TENG TOOLS 'Mega Bite' Combination Pliers

High leverage with pipe grip and serrated grip surfaces. High carbon steel. 72° cutting angle and titanium coated joints. Vinyl coated handles

Part No.	Qty	Length	
TMB452-8	1	200 mm	(8")

TENG TOOLS 'Mega Bite' Long Nose Pliers

With serrated grip surfaces. High carbon steel. 72° cutting angle and titanium coated joints. Vinyl coated handles.

Part No.	Qty	Length	
TMB461-8	1	200 mm	(8")

TENG TOOLS 'Mega-Bite' Pliers Set

Vinyl grips. Supplied in a tool tray.

Part No.	Qty	Description
TTT440	1 Set	4 Piece Set

1 x Side Cutter: 6". 1 x Combination: 7". 1 x Long Nose: 8". 1 x Water Pump: 10".

NWS 'ErgoCombi' High Leverage Combination Pliers

Insulation to IEC 60900 1,000V. Tool steel, drop-forged, oil-hardened Matt chromium plated heads. 'Soft-Grip' 2-component handles with soft inlay.

- **Ergonomically angled head for strain-free working.**
- **Optimum power transmission from improved leverage.**
- **Can also be used as a spanner.**

Part No.	Qty	Length	
TNR8/200	1	200 mm	(8")

Looking for VDE Pliers & Cutters?

Our VDE range of pliers and cutters appear on pages 459-460

NWS Combination Pliers

Plastic coated handles. Black finish heads. DIN ISO 5746.

Part No.	Qty	Length
TNP1/180	1	180 mm
TNP1/205	1	205 mm

NWS 'CombiMax' Combination Pliers

Insulation to IEC 60900 1,000 V. Matt chromium plated heads. 'Soft-Grip' 2-component handles with soft inlay.

Part No.	Qty	Length	
TNR1/180	1	180 mm	(7")
TNR1/205	1	205 mm	(8")

NWS Long (Chain) Nose Pliers - Straight

Plastic coated handles. Black finish heads. DIN ISO 5745.

Part No.	Qty	Length
TNP2/170	1	170 mm
TNP2/205	1	205 mm

NWS Long (Chain) Nose Pliers- Straight

'Soft-Grip' 2-component handles. Titanium finish head.DIN ISO 5745.

Part No.	Qty	Length
TNR2/205	1	205 mm

NWS 'MaxiMX' Water Pump Pliers

Chrome vanadium steel, drop forged and oil-hardened with red vinyl coated handles.

- **Fine 'Drag & Drop' precise adjustment.**
- **Safety protection of fingers in every position.**

Part No.	Qty	Length		Jaw Capacity
TQ1/250	1	**250 mm**	(10")	50 mm
TQ1/300	1	**300 mm**	(12")	75 mm

TENG TOOLS 'Mega Bite' Groove Joint Pliers

Heavy duty model. Non-slip groove joints and polished head. Vinyl coated handles.

Part No.	Qty	Length		Jaw Capacity
TMB416	1	**400 mm**	(16")	90 mm

TENG TOOLS 'Mega Bite' Water Pump Pliers

Serrated jaws with pipe grip and titanium coated joints. Vinyl coated handles.

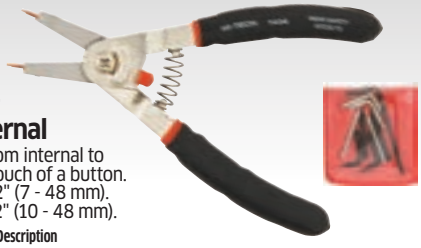
Part No.	Qty	Length		Jaw Capacity
TMB481-10	1	**250 mm**	(10")	3-38 mm

NWS 'ClassicPlus' Water Pump Pliers

DIN ISO 8976. Special tool steel, forged, oil-hardened with plastic handles.

- **Jaws with nail/wire holder**
- **Double-toothed jaws**
- **Finger trap protection for safe work**
- **Self-locking serration**

Part No.	Qty	Length		Jaw Capacity
TNP9/300	1	**300 mm**	(12")	2-55 mm
TNP9/400	1	**400 mm**	(16")	3-80 mm



2-in-1 Circlip Pliers Set - Internal & External

2-in-1 tool converts from internal to external pliers at the touch of a button.
External range: 1/4" - 2" (7 - 48 mm).
Internal Range: 3/8" - 2" (10 - 48 mm).

Part No.	Qty	Description
TNH521C	1 Set	**12 Piece Set**

1 x Pliers: 7 3/4" (197 mm). 3 x Straight Tips: .036" (0.9 mm), .047" (1.2 mm), .070" (1.8 mm).
2 x Bent 90° Tips: .036" (0.9 mm), .047" (1.2 mm).

NWS Circlip Pliers - External Bent 90°

DIN 5254 B.

Part No.	Qty	Length	Circlip Ø mm	Tip Ø mm
TNC2/165	1	**165 mm**	19 - 60	**1,8**
TNC2/200	1	**200 mm**	40 - 100	**2,3**

NWS Circlip Pliers - External Straight

DIN 5254 A.

Part No.	Qty	Length	Circlip Ø mm	Tip Ø mm
TNC1/135	1	**135 mm**	12 - 25	**1,3**
TNC1/175	1	**175 mm**	19 - 60	**1,8**
TNC1/220	1	**220 mm**	40 - 100	**2,3**
TNC1/310	1	**310 mm**	85 - 140	**3,2**

NWS Circlip Pliers - Internal Bent 90°

DIN 5256 B.

Part No.	Qty	Length	Circlip Ø mm	Tip Ø mm
TNC4/165	1	**165 mm**	19 - 60	**1,8**
TNC4/200	1	**200 mm**	40 - 100	**2,3**

NWS Circlip Pliers - Internal Straight

DIN 5256 A.

Part No.	Qty	Length	Circlip Ø mm	Tip Ø mm
TNC3/135	1	**135 mm**	12 - 25	**1,3**
TNC3/175	1	**175 mm**	19 - 60	**1,8**
TNC3/220	1	**220 mm**	40 - 100	**2,3**
TNC3/310	1	**310 mm**	85 - 140	**3,2**

NWS Circlip Pliers Set

Part No.	Qty	Description
KN792	1 Set	**4 Piece Set**

1 x External Straight: 175 mm. 1 x External Bent: 165 mm. 1 x Internal Straight 175 mm. 1 x Internal Bent: 165 mm

TENG TOOLS 'Mega-Bite' Circlip Pliers Set

7" long with return spring.
Supplied in a tool tray.

Part No.	Qty	Description
TTT474-7	1 Set	**4 Piece Set**

1 x Inner/straight: 12 to 65 mm capacity. 1 x Inner/bent: 12 to 65 mm capacity.
1 x Outer/straight: 10 to 40 mm capacity. 1 x Outer/bent: 10 to 40 mm capacity

ABRACS Tape Measures

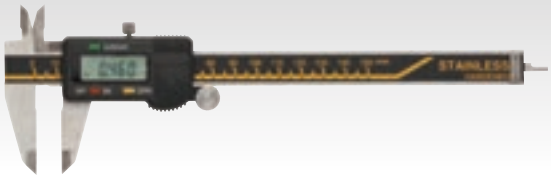
Impact resistant casing with belt clip. Push-pull blade with temporary and permanent locking buttons and "Power Return". Metric and imperial graduations.

Part No.	Qty	Length	
TL695	1	**5 m**	(16 ft)
TL697	1	**8 m**	(26 ft)

Steel Rulers

Flexible stainless steel.

Part No.	Qty	Length	
TL451	1	**15 cm**	6"
TL452	1	**30 cm**	12"
TL453	1	**60 cm**	24"



Digital Slide Vernier Caliper

Complete with LR44 1.55v battery.
Supplied in a robust storage case.

Part No.	Qty	Description
TL689	1	**Digital Vernier Caliper**

TENG TOOLS Digital Vernier Caliper

Stainless steel. Supplied in a plastic storage box.
Max length of measurement: 150 mm. Jaw length 40 mm.

- **Adjustable between mm and inch**
- **Reading 0.01 mm**
- **Repeated reading ±0.01 mm**
- **Zero set in any position**

Part No.	Qty	Description
TL455	1	**Digital Vernier Caliper**

BRENNENSTUHL 'Signograph 25' Electric Engraver Kit

25W, 230V.
A powerful engraver with interchangeable hardened stylus complete with hard metal stylus and stylus coupling.
Cable length: 1.8 m.

- **For engraving soft metal, copper, tin and aluminium.**
- **Includes interchangeable sintered carbide stylus for glass engraving.**
- **Engraving is as easy as writing.**

Part No.	Qty	Description
TL995	1 Kit	**25W Engraver**
TL996	1	**Replacement Pointed Engraver Tip**

Feeler Gauges

Combination set. 3" x 1/2" Blades.

Part No.	Qty	Description
TNFG135	1 Set	**32 Piece Set**

30 x Steel: .002 - .035". .051 - .889 mm. 6 x Brass: .006 - .016". .152 - .406 mm.

Cross Pein Hammer

'Toffee Hammer'.

Part No.	Qty	Weight
TL713	1	1/4 lb

Ball Pein Hammers

Part No.	Qty	Weight	
TL707	1	1/4 lb	4 oz
TL701	1	1/2 lb	8 oz
TL702	1	1 lb	16 oz
TL703	1	1 1/2 lb	24 oz
TL704	1	2 lb	32 oz
TL708	1	2 1/2 lb	40 oz

Ball Pein Hammer Shafts

Engineers' Hickory/Ash (material subject to change).

Part No.	Qty	Length
TL723	1	14"
TL724	1	16"

Lump Hammers

Part No.	Qty	Weight
TL705	1	2 1/2 lb
TL712	1	4 lb

Lump Hammer Shaft

Part No.	Qty	Type	Length
TL725	1	Lump	10"

Hammer Shaft Wedges

Part No.	Pack of	Description
TL729	20	No. 3 Wedges

Assorted Pack of Hammer Shafts

Complete with No. 3 hammer shaft wedges.

Part No.	Pack of
TL721	5 Pieces

2 x Engineers: 14" (x 2), 16" (x 2). 1 x Lump: 10" 1 x Hammer Shaft Wedges (x 5).

Sledge Hammers

Part No.	Qty	Weight
TL706	1	7 lb
TL711	1	14 lb

Sledge Hammer Shaft

Hickory. Tapered end.

Part No.	Qty	Type	Length
TL727	1	Sledge, Parallel Eye	36"

Claw Hammer

Steel shafted with grip.

Part No.	Qty	Weight
TL700	1	1 lb

Hammer Ball Pein Fibreglass

Part No.	Qty	Weight
TL7108	1	1/2 lb
TL7116	1	1 lb
TL7124	1	1 1/2 lb
TL7132	1	2 lb
TL7140	1	2 1/2 lb

KS TOOLS GERMANY

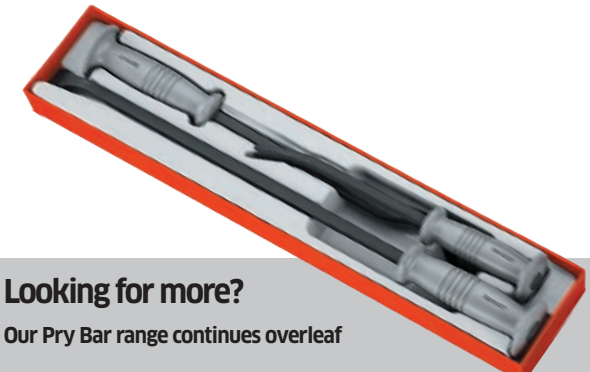
KS TOOLS Dead Blow Hammers

Recoil free rubber mallet. Solid PU glass fibre composite. Substantially higher impact effect than withconventional mallets. Particularly suitable for careful driving of bearings, cases, sleeves, sealing rings, etc.

Part No.	Qty	Head Diameter	Weight
K140.5255	1	45 mm	940g
K140.5257	1	55 mm	1400g

Dead Blow Hammer

Part No.	Qty	Weight
TL7170	1	2 lb



Looking for more?

Our Pry Bar range continues overleaf

THOR Soft Face Hammer - Copper & Hide Faces

Weight: 2 1/2 lb.

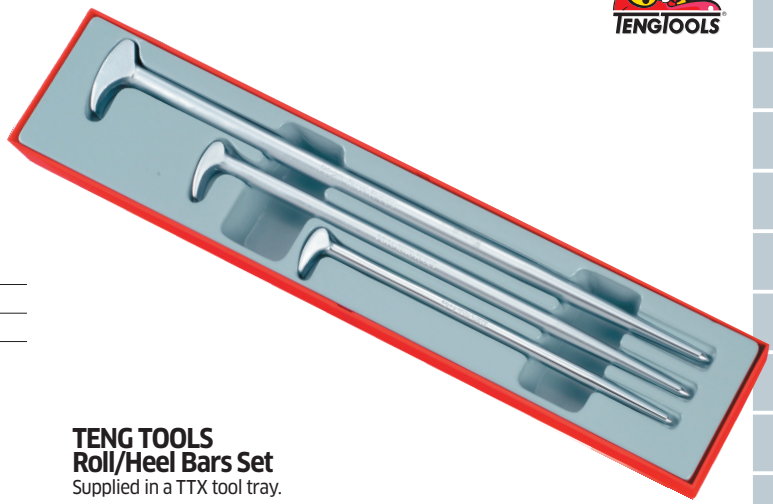
Part No.	Qty	Description
TL714	1	Size 2 Soft Face Hammer
TL715	1	Replacement Copper Face
TL716	1	Replacement Hide Face

TENGTOOLS

TENG TOOLS Roll/Heel Bar

Part No.	Qty	Length
TPB16	1	16"

TENGTOOLS



TENG TOOLS Roll/Heel Bars Set

Supplied in a TTX tool tray.

Part No.	Qty	Description
TTTXPB3	1 Set	3 Piece Set

Lengths: 12", 16", 20"

MAYHEW The Pros Know

MAYHEW Ladyfoot Pry Bars

Supplied in a plastic tray.

Part No.	Qty	Description
TN60150	1 Set	3 Piece Set

Sizes: 12", 16", 21".

MAYHEW

MAYHEW 'The Dominator' Screwdriver Pry Bars - Curved Blades

Supplied in plastic tray.

- **Hardened and tempered the entire length for maximum durability**
- **Two composite handle for a more comfortable and secure grip**
- **All-new capped end allows user to strike pry bar with a hammer without damaging the head**

Part No.	Qty	Description
TN61355	1 Set	**3 Piece Set**

3 x Sizes: 7", 12" & 18"

KS TOOLS GERMANY

KS TOOLS Flat Chisel Set

Chrome molybdenum steel.
Flat shaft. For work on metal.

Part No.	Qty	Description
K156.0690	1 Set	**4 Piece Set**

Sizes: 14.5 x 125 mm, 20.5 x 150 mm. 23 x 200 mm, 28.5 x 250 mm.

MAYHEW

MAYHEW Screwdriver Pry Bars

Curved blades. Supplied in a plastic tray.

Part No.	Qty	Description
TN61350	1 Set	**3 Piece Set**

Sizes: 7", 12", 18".

KS TOOLS GERMANY

KS TOOLS Premium Pin & Punch Set

Finest chrome vanadium steel, mirror polished. DIN 6450/DIN 6458. Supplied in a robust wall mountable metal stand/holder.

Part No.	Qty	Description
K156.0180	1 Set	**18 Piece Set**

5 x Punches: 2, 3, 4, 5, 6 mm.
6 x Pin Punches: 2, 3, 4, 5, 6, 8 mm.
6 x Pin Punches, extra long: 3, 4, 5, 6, 8, 10 mm.
1 x Metal stand.

TENGTOOLS

TENG TOOLS Heavy Duty Pry Bar Set

With 'Power Thru' handles.

Part No.	Qty	Description
TTTXPB3A	1 Set	**3 Piece Set**

3 x Sizes: 12", 18", 22".

Pin Punch Set Metric

Chrome vanadium steel, mirror polished. Supplied in compact plastic holder.

Part No.	Qty	Description
TL4100	1 Set	**6 Piece Set**

6 x Sizes: 2, 3, 4, 5, 6, 8 mm.

MAYHEW Punch & Chisel Set

Supplied in a storage roll.

Part No.	Qty	Description
TN7014K	1 Set	**14 Piece Set**

1 x Centre Punch: 3/8" x 5". 2 x Taper Punches: 1/8", 3/16". 5 x Pin Punches: 3/32", 1/8", 5/32", 3/16", 1/4".
1 x Line-up Punch: 1/8". 5 x Cold Chisels, Standard Length: 1/4", 3/8", 1/2", 5/8", 3/4".

TRIDENT Long Chisel Set - Metric Sizes

Chrome-molybdenum steel, mirror polished.
Supplied in storage roll.

Part No.	Qty	Description
TL4102	1 Set	**4 Piece Set**

4 x Sizes: 350 mm x 12, 16, 19, 22 mm.

MAYHEW Pin Punches - Standard Sizes

Supplied in a storage roll.

Part No.	Qty	Description
TN4101KM	1 Set	**6 Piece Set**

6 x Sizes: 155 mm x 3, 4, 5, 6, 7, 8 mm.

TRIDENT Long Pin Punch Set - Metric Sizes

Chrome-molybdenum steel, mirror polished.
Supplied in storage roll.

Part No.	Qty	Description
TL4104	1 Set	**6 Piece Set**

6 x Sizes: 200 mm x 2, 3, 4, 5, 6, 8 mm.

MAYHEW Cold Chisel Set - Standard Sizes

Supplied in a storage roll.

Part No.	Qty	Description
TN7001K	1 Set	**6 Piece Set**

6 x Sizes: 1/4" x 5", 5/16" x 5", 3/8" x 5 1/2", 1/2" x 6", 5/8" x 6 1/2", 3/4" x 7" .

Brass Drifts - Imperial

Supplied in a wooden storage block.

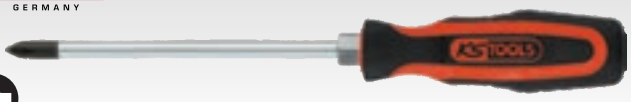
Part No.	Qty	Description
TNKBD3	1 Set	**5 Piece Set**

5 x Sizes, Diameters: 1/4", 3/8", 1/2", 5/8", 3/4".

KS TOOLS 'ERGOTORQUEplus®' Screwdrivers - Slotted

DIN 5265. S2 steel hardened blade, chrome finished with burnished tips.
Ergonomic non-slip 2-component handle.

Part No.	Qty	Tip Width	Shaft Length	Hex Drive
K159.1002	1	3.0 mm	75 mm	-
K159.1003	1	4.0 mm	75 mm	-
K159.1004	1	4.0 mm	100 mm	-
K159.1005	1	5.5 mm	100 mm	-
K159.1006	1	5.5 mm	125 mm	-
K159.1007	1	5.5 mm	150 mm	-
K159.1008	1	6.5 mm	125 mm	-
K159.1009	1	6.5 mm	150 mm	M10
K159.1010	1	8.0 mm	150 mm	M10
K159.1011	1	8.0 mm	200 mm	M10
K159.1012	1	10.0 mm	200 mm	M10
K159.1013	1	10.0 mm	250 mm	M10



KS TOOLS 'ERGOTORQUEplus®' Screwdriver - PHILIPS®

DIN/ISO 8164. S2 steel hardened blade, chrome finished with burnished tips.
Ergonomic non-slip 2-component handle.

Part No.	Qty	Tip No.	Shaft Length	Hex Drive
K159.1027	1	PH0	75 mm	-
K159.1020	1	PH1	75 mm	-
K159.1029	1	PH1	100 mm	-
K159.1021	1	PH2	100 mm	M10
K159.1022	1	PH2	125 mm	M10
K159.1023	1	PH2	150 mm	M10
K159.1028	1	PH2	200 mm	M10
K159.1024	1	PH3	150 mm	M10
K159.1025	1	PH3	200 mm	M10

KS TOOLS 'ERGOTORQUEplus®' Stubby Screwdriver - Slotted

DIN 5265. S2 steel hardened blade, chrome finished with burnished tips.
Ergonomic non-slip 2-component handle.

Part No.	Qty	Tip Width	Shaft Length
K159.1001	1	6.0 mm	38 mm

KS TOOLS 'ERGOTORQUEplus®' Stubby Screwdriver - PHILIPS®

DIN/ISO 8164. S2 steel hardened blade, chrome finished with burnished tips.
Ergonomic non-slip 2-component handle.

Part No.	Qty	Tip No.	Shaft Length	Hex Drive
K159.1026	1	PH2	38 mm	M10

KS TOOLS 'ERGOTORQUEplus®' Screwdriver - POZIDRIV®

DIN/ISO 8764. S2 steel hardened blade, chrome finished with burnished tips.
Ergonomic non-slip 2-component handle.

Part No.	Qty	Tip No.	Shaft Length	Hex Drive
K159.1047	1	PZ0	75 mm	-
K159.1040	1	PZ1	75 mm	-
K159.1049	1	PZ1	100 mm	-
K159.1041	1	PZ2	100 mm	M10
K159.1042	1	PZ2	125 mm	M10
K159.1043	1	PZ2	150 mm	M10
K159.1048	1	PZ2	200 mm	M10
K159.1044	1	PZ3	150 mm	M10
K159.1045	1	PZ3	200 mm	M10

KS TOOLS 'ERGOTORQUEplus®' Stubby Screwdriver - POZIDRIV®

DIN/ISO 8764. S2 steel hardened blade, chrome finished with burnished tips.
Ergonomic non-slip 2-component handle.

Part No.	Qty	Tip No.	Shaft Length
K159.1046	1	PZ2	38 mm

KS TOOLS 'ERGOTORQUEplus®' Screwdriver & Bit Set

Extra hexagonal drive at the blade shaft to increase power requirement on selected sizes.
DIN 5264, DIN 5265, DIN/ISO 8764.
Ergonomic non-slip 2 component handle. Supplied in a robust plastic storage case.

Part No.	Qty	Description
K159.0100	1 Set	39 Piece Set

7 x Slotted screwdrivers: 3 x 75 mm, 4 x 100 mm, 5.5 x 100 mm, stubby 6 x 38 mm, 6.5 x 125 mm, 8 x 150 mm, 10 x 200 mm.
5 x PHILLIPS® screwdrivers: PH0 x 75 mm, PH1 x 100 mm, PH2 x 125 mm, stubby PH2 x 38 mm, PH3 x 150 mm.
4 x POZIDRIV® screwdrivers: PZ0 x 75 mm, PZ1 x 100 mm, PZ2 x 125 mm, PZ3 x 150 mm.
1 x Bit screwdriver, magnetic, 1/4": 100 mm. 1 x Bit drive, magnetic, 1/4": 60 mm. 21 x Bits, 1/4", 25 mm:
7 x Hexagonal: 2, 2.5, 3, 4, 5, 6, 8 mm. 7 x TORX®: T10, T15, T20, T25, T27, T30, T40.
7 x Tamper Proof TORX®: TP10, TP15, TP20, TP25, TP27, TP30, TP40.

KS TOOLS 'ERGOTORQUEplus®' Screwdriver - Tamper Proof TORX®

DIN 5264, DIN 5265, DIN/ISO 8764. S2 steel hardened blade, chrome finished with burnished tips. Ergonomic non-slip 2-component handle.

Part No.	Qty	Tip No.	Shaft Length	Hex Drive
K159.1050	1	TP8	100 mm	-
K159.1051	1	TP9	100 mm	-
K159.1052	1	TP10	100 mm	-
K159.1053	1	TP15	100 mm	M10
K159.1054	1	TP20	100 mm	M10
K159.1055	1	TP25	100 mm	M10
K159.1056	1	TP27	100 mm	M10
K159.1057	1	TP30	100 mm	M10
K159.1058	1	TP40	100 mm	M10

KS TOOLS 'ERGOTORQUEplus®' Tamper Proof TORX® Screwdriver Set

DIN 5264, DIN 5265, DIN/ISO 8764. Ergonomic non-slip 2 component handle. Supplied in a display box.

Part No.	Qty	Description
K159.0040	1 Set	**6 Piece Set**

6 x Tamper Proof TORX® screwdrivers: TP10, TP15, TP20, TP25, TP30, TP40 x 100 mm.

KS TOOLS 'ERGOTORQUEmax®' Impact Screwdriver Set

Impact head with 1/4" female hex drive.
DIN 5264, DIN 5265, DIN/ISO 8764. Ergonomic non-slip 2 Component handle. Supplied in a display box

- **Includes 45 teeth 1/4" T-Grip ratchet, 3 positions: Left/Fixed/Right**
- **Through connection from impact head to shaft.**

Part No.	Qty	Description
K151.1100	1 Set	**7 Piece Set**

4 x Slotted screwdrivers: 3.5, 4.5, 5.5, 7 mm.
2 x PHILLIPS® screwdrivers: PH1, PH2. 1 x T-Grip ratchet, 1/4".

KS TOOLS 'ERGOTORQUEplus®' Screwdriver - TORX®

DIN 5264, DIN 5265, DIN/ISO 8764. S2 steel hardened blade, chrome finished with burnished tips. Ergonomic non-slip 2-component handle.

Part No.	Qty	Tip No.	Shaft Length	Hex Drive
K159.1030	1	T8	100 mm	-
K159.1031	1	T9	100 mm	-
K159.1032	1	T10	100 mm	-
K159.1033	1	T15	100 mm	M10
K159.1034	1	T20	100 mm	M10
K159.1035	1	T25	100 mm	M10
K159.1036	1	T27	100 mm	M10
K159.1037	1	T30	100 mm	M10
K159.1038	1	T40	100 mm	M10

KS TOOLS 'ERGOTORQUEplus®' TORX® Screwdriver Set

DIN 5264, DIN 5265, DIN/ISO 8764. Ergonomic non-slip 2 component handle. Supplied in a display box.

Part No.	Qty	Description
K159.0030	1 Set	**6 Piece Set**

6 x TORX® screwdrivers: T10, T15, T20, T25, T30, T40 x 100 mm.

KS TOOLS 'ERGOTORQUEplus®' Slotted & POZIDRIV® Screwdriver Set

Extra hexagonal drive at the blade shaft to increase power requirement on selected sizes.
DIN 5264, DIN 5265, DIN/ISO 8764. Ergonomic non-slip 2 component handle. Supplied in a display box.

Part No.	Qty	Description
K159.0020	1 Set	**6 Piece Set**

4 x Slotted screwdrivers: 3 x 75 mm, 4 x 100 mm, 5.5 x 125 mm, 6.5 x 150 mm.
2 x POZIDRIV® screwdrivers: PZ 1 x 75 mm, PZ 2 x 100 mm.

RGTOOLS

RG TOOLS VDE Screwdriver Set

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10410	1 Set	**7 Piece Set**

7 x screwdrivers: Slotted 2.5 x 75, 3.5 x 100, 5.5 x 125, 6.5 x 150 mm.
Phillips - 1 x 80, 2 x 100 mm & voltage tester 120 - 150V.

RGTOOLS

RG TOOLS VDE Screwdriver Set

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10411	1 Set	**8 Piece Set**

8 x Slotted screwdrivers: 2.5 x 75, 4 x 100, 5.5 x 125, 6.5 x 150 mm,
Phillips - 0 x 60, 1 x 80, 2 x 100 mm & voltage tester 120-150V.

RGTOOLS

RG TOOLS VDE Star Set

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10412	1 Set	**6 Piece Set**

6 x Star screwdrivers: T10 x 60, T15 x 100, T20 x 100, T25 x 100, T30 x 100, T40 x 150 mm.

RGTOOLS

RG TOOLS VDE Screwdrivers - Slotted

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Tip	Shaft Length
RG10450	1	**2.5**	75 mm
RG10452	1	**3.5**	100 mm
RG10454	1	**4.0**	100 mm
RG10456	1	**5.5**	125 mm
RG10458	1	**6.5**	150 mm

RGTOOLS

RG TOOLS VDE Screwdrivers - Phillips

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Tip	Shaft Length
RG10460	1	**No. 0**	60 mm
RG10462	1	**No. 1**	80 mm
RG10464	1	**No. 2**	100 mm

RGTOOLS

RG TOOLS Voltage Tester 120-250V

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10470	1	**Voltage Tester**

RGTOOLS

RG TOOLS VDE Screwdrivers - Star

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Tip	Shaft Length
RG10480	1	**T10**	60 mm
RG10482	1	**T15**	100 mm
RG10484	1	**T20**	100 mm
RG10486	1	**T25**	100 mm
RG10488	1	**T30**	100 mm
RG10490	1	**T40**	150 mm

SPEAR & JACKSON Pocket Screwdrivers

Complete with pocket clip.

Part No.	Pack of	Tip Width	Shaft Length
TL151	6	**3 mm**	50 mm

TENG TOOLS 'Mega Drive' Screwdrivers - Slotted

DIN 5264.

Part No.	Qty	Tip Width	Shaft Length	
TMD920	1	3.0 mm	75 mm	
TMD921	1	3.0 mm	100 mm	
TMD922	1	5.5 mm	75 mm	
TMD923	1	5.5 mm	150 mm	
TMD928	1	6.5 mm	38 mm	Stubby Type
TMD933	1	6.5 mm	150 mm	
TMD691	1	6.5 mm	400 mm	Long Series
TMD934	1	8.0 mm	150 mm	

TENG TOOLS 'Mega Drive' Screwdrivers - PZ

Part No.	Qty	Tip Size	Shaft Length
TMD960	1	PZ0	75 mm
TMD961	1	PZ1	75 mm
TMD972	1	PZ2	100 mm
TMD973	1	PZ3	150 mm

TENG TOOLS 'Mega Drive' Screwdrivers - PH

DIN 5260.

Part No.	Qty	Tip Size	Shaft Length	
TMD940	1	PH0	75 mm	
TMD941	1	PH1	75 mm	
TMD948	1	PH2	38 mm	Stubby Type
TMD952	1	PH2	100 mm	
TMD692	1	PH2	400 mm	Long Series
TMD953	1	PH3	150 mm	

TENG TOOLS 'Mega Drive' Screwdriver Set

Supplied in a plastic storage case.

Part No.	Qty	Description
TMD912N	1 Set	12 Piece Set

6 x Slotted: 2.5 x 75 mm, 3.5 x 100 mm, 4.0 x 150 mm, 5.5 x 150 mm, 6.5 x 150 mm, 10 x 200 mm.
4 x PH: PH0 x 75 mm, PH1 x 75 mm, PH2 x 100 mm, PH2 x 200 mm.
2 x PZ: PZ1 x 75 mm, PZ2 x 100 mm.

KS TOOLS Precision Screwdriver Set

2 component handle with twist cap.
High quality S2 steel. Shaft Length: 50 mm.

Part No.	Qty	Description
K500.7170	1 Set	14 Piece Set

4 x Slotted: 1.4, 2, 2.5, 3 mm.
3 x PHILLIPS®: PH00 x 2, PH0 x 2.4, PH1 x 3 mm Shaft Ø
7 x TORX®: T6, T7, T8, T9, T10, T15, T20.

TENG TOOLS 'Mega Drive' Screwdriver Set

Supplied in a tool tray.

Part No.	Qty	Description
TTT917N	1 Set	7 Piece Set

3 x Slotted: 3 x 75 mm, 5 x 75 mm, 6 x 100 mm. 3 x PH: PH0 x 75 mm, PH1 x 75 mm, PH2 x 100 mm.
1 x PZ: PZ2 x 100 mm

TENG TOOLS 'Mega Drive' TX/TPX Screwdriver Set

Supplied in a tool tray.

Part No.	Qty	Description
TTT917TXN	1 Set	7 Piece Set

2 x TX, 75 mm: TX8, TX9. 5 x TPX, 100 mm: TPX10, TPX15, TPX20, TPX25, TPX30.

KS TOOLS GERMANY

KS TOOLS 'TORSIONpower ' 1/4" Dr. - Slotted

High quality S2 steel, bright nickel plated. Length: 25 mm. DIN 3126 / ISO 1173.

Part No.	Pack of	Size	Colour
K918.3306	5	3 mm	Orange
K918.3311	5	4 mm	Orange
K918.3316	5	5 mm	Orange
K918.3321	5	6 mm	Orange

KS TOOLS 'TORSIONpower' 1/4" Dr. - POZIDRIV®

High quality S2 steel, bright nickel plated. Length: 25 mm. DIN 3126 / ISO 1173.

Part No.	Pack of	Size	Colour
K918.3206	5	PZ1	Blue
K918.3211	5	PZ2	Blue
K918.3216	5	PZ3	Blue

KS TOOLS 'TORSIONpower' 1/4" Dr. - PHILLIPS®

High quality S2 steel, bright nickel plated. Length: 25 mm. DIN 3126 / ISO 1173.

Part No.	Pack of	Size	Colour
K918.3106	5	PH1	Red
K918.3111	5	PH2	Red
K918.3116	5	PH3	Red

KS TOOLS 'TORSIONpower' 1/4" Dr. - Hexagonal

High quality S2 steel, bright nickel plated. Length: 25 mm. DIN 3126 / ISO 1173.

Part No.	Pack of	Size	Colour
K918.3406	5	3 mm	Dark Yellow
K918.3411	5	4 mm	Dark Yellow
K918.3416	5	5 mm	Dark Yellow
K918.3421	5	6 mm	Dark Yellow

KS TOOLS 'TORSIONpower' 1/4" Dr. - Tamper Proof TORX®

High quality S2 steel, bright nickel plated. Length: 25 mm. DIN 3126 / ISO 1173.

Part No.	Pack of	Size	Colour
K918.3606	5	TP10	Violet
K918.3611	5	TP15	Violet
K918.3616	5	TP20	Violet
K918.3621	5	TP25	Violet
K918.3626	5	TP27	Violet
K918.3631	5	TP30	Violet
K918.3636	5	TP40	Violet

KS TOOLS 'TORSIONpower' 1/4" Dr. - TORX®

High quality S2 steel, bright nickel plated. Length: 25 mm. DIN 3126 / ISO 1173.

Part No.	Pack of	Size	Colour
K918.3506	5	T10	Light Yellow
K918.3511	5	T15	Light Yellow
K918.3516	5	T20	Light Yellow
K918.3521	5	T25	Light Yellow
K918.3526	5	T27	Light Yellow
K918.3531	5	T30	Light Yellow
K918.3536	5	T40	Light Yellow

KS TOOLS GERMANY

KS TOOLS 'TORSIONpower' 1/4" Bit Set

High quality S2 steel, bright nickel plated.
Bits manufactured to DIN3126 / ISO 1173.
Supplied in durable storage case with belt clip.

Part No.	Qty	Description
K918.3010	1 Set	32 Piece Set

1 x Auto slimlock bit holder, 1/4" 65 mm. 1 x 1/4" bit reversing ratchet set (2 pieces). 30 x Bits 1/4" 25 mm:
4 x Slotted: 3, 4, 5, 6 mm. 4 x PHILLIPS®: PH 1, PH 2 (x 2), PH 3. 4 x POZIDRIV®: PZ1, PZ 2 (x 2), PZ 3.
4 x Hexagonal: 3, 4, 5, 6 mm. 7 x TORX®: T10, T15, T20, T25, T27, T30, T40.
7 x Tamper Proof TORX®: TP10, TP15, TP20, TP25, TP27, TP30, TP40.

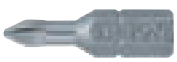
KS TOOLS GERMANY

KS TOOLS 'Auto-Slimlock' 1/4" Dr. Automatic Magnetic Bit Holder

Finest chrome vanadium steel. Length: 65 mm.

- **Extremely slim profile allowing access to very small diameter holes (11.5 mm)**

Part No.	Qty	Description
K514.1113	1	Automatic Bit Holder



1/4" Hex Bits POZI

Part No.	Pack of	Size
TNBZ1	5	No.1 Tip
TNBZ2	5	No.2 Tip
TNBZ3	5	No.3 Tip

LASER 1/4" Dr. Hex Bits Set

Complete with magnetic bit holder
Supplied in a robust rubber organiser.

Part No.	Qty	Description
TL474	1 Set	33 Piece Set

1 x Bit holder, 1/4" magnetic: 60 mm. 32 x Bits 1/4", 25 mm: 5 x Slotted: 3, 4, 5, 6, 7 mm.
9 x Phillips: PH0, PH1 (x 2), PH2 (x 3), PH2 (x 3). 7 x Pozidriv: PZ1 (x 2), PZ2 (x 3), PZ3 (x 2).
6 x Hex: 2, 2.5, 3, 4, 5, 6 mm. 6 x Star (TX): T10, T15, T20, T25, T30, T40.

LASER 1/4" Dr. Hex Security Bits Set

Complete with magnetic bit holder.
Supplied in a robust rubber organiser.

Part No.	Qty	Description
TL479	1 Set	49 Piece Set

1 x Bit holder, 1/4" magnetic: 60 mm. 48 x Bits 1/4", 25 mm: 3 x Torq: 6, 8, 10 mm. 4 x Spanner Bits: 4, 6, 8, 10 mm.
4 x Tri-Wing: 1, 2, 3, 4 mm. 6 x Tamper Proof Hex: 2, 2.5, 3, 4, 5, 6 mm. 6 x Hex: 5/32", 9/64", 1/8", 7/64", 3/32", 5/64".
7 x Pozidriv: 1 (x 2), 2 (x 3), 3 (x 2). 9 x Phillips: 0, 1 (x 3), 2 (x 3), 3 (x 2).
9 x Tamper Proof Star (TPX): T8H, T10H, T15H, T20H, T25H, T27H, T30H, T35H, T40H.

ABRACS abrasives and accessories

ABRACS
Screwdriver Bit & Ratchet Set

Supplied in plastic storage case.

Part No.	Qty	Description
TL473	1 Set	29 Piece Set

1 x Bits ratchet, 1/4" with 8 mm ring spanner. 1 x Bit holder, 1/4" magnetic: 50 mm.
27 x Bits 1/4", 25 mm: 3 x Flat: 0.6 x 4.5 mm, 0.8 x 5.5 mm, 1.2 x 6.5 mm. 3 x PH: PH1, PH2, PH3.
3 x PZ: PZ1, PZ2, PZ3. 6 x TX: TX10, TX15, TX20, TX25, TX30, TX40. 3 x TPX: TPX20, TPX25, TPX30.
3 x ROB: No. 1, 2, 3. 3 x Hex: 4, 5, 6 mm. 2 x Grabber: No. 2 . 1 x Square Adaptor: 1/4".

TENGTOOLS

TENG TOOLS Bits Set

Supplied in a plastic storage case.

Part No.	Qty	Description
TTM029	1 Set	29 Piece Set

1 x Bits ratchet, 1/4" with 8 mm ring spanner. 1 x Bit holder, 1/4" magnetic: 50 mm.
27 x Bits 1/4", 25 mm: 3 x Flat: 0.6 x 4.5 mm, 0.8 x 5.5 mm, 1.2 x 6.5 mm. 3 x PH: PH1, PH2, PH3.
3 x PZ: PZ1, PZ2, PZ3. 6 x TX: TX10, TX15, TX20, TX25, TX30, TX40. 3 x TPX: TPX20, TPX25, TPX30.
3 x ROB: No. 1, 2, 3. 3 x Hex: 4, 5, 6 mm. 2 x Grabber: No. 2 . 1 x Square Adaptor: 1/4".

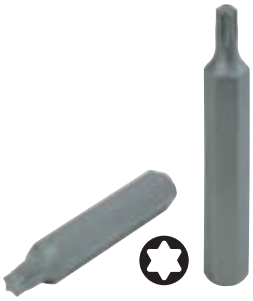
KS TOOLS GERMANY

KS TOOLS
10 mm Dr.
Hex Bit Socket Adaptor

Finest chrome vanadium steel.
Complete with retaining clip.

Part No.	Qty	Drive Size
K911.4312	1	1/2" Drive

KS TOOLS GERMANY



KS TOOLS
10 mm Dr. Long Bits - TORX®

Finest chrome vanadium steel. Length: 75 mm.

Part No.	Qty	Size
K975.2020	1	T20
K975.2025	1	T25
K975.2027	1	T27
K975.2030	1	T30
K975.2040	1	T40
K975.2045	1	T45
K975.2050	1	T50
K975.2055	1	T55
K975.2060	1	T60

ABRACS abrasives and accessories

ABRACS Impact
Screwdriver Bit Set

Contains a range of popular sized impact bits and accessories.
Supplied in plastic storage case.

Part No.	Qty	Description
TL471	1 Kit	42 Piece Set

Contents: **25mm** - 1 x H3, 1 x H4, 1 x H5, 1 x H6, 2 x T15, 2 x T20, 2 x T25, 1 x T30, 1 x SL4, 1 x SL5, 1 x SL6, 2 x PH1, 2 x PH2, 2 x PH3, 1 x PH4, 2 x PZ1, 2 x PZ2, 2 x PZ3, 1 x PZ4.
50mm - 1 x T20, 1 x PH1, 1 x PH2, 1 x PH3, 1 x PZ1, 1 x PZ2, 1 x PZ3.
90mm - 1 x T20, 1 x PH2, 1 x PH3, 1 x PZ2, 1 x PZ3
1 x Impact Bit Holder & 25mm PZ2 Bit...

KS TOOLS GERMANY

KS TOOLS
1/4" Dr.
Security Bit Set

High quality S2 steel, nickel plated.
Supplied in a robust plastic storage case.

Part No.	Qty	Description
K911.2027	1 Set	99 Piece Set

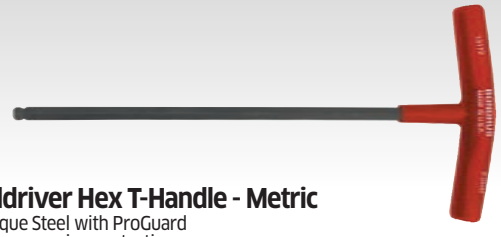
1 x Bit holder, 1/4" magnetic: 60 mm. 1 x Socket adaptor: 1/4" square x 1/4" hex drive. 1 x Bit adaptor socket 1/4".
79 x Bits 1/4", 25 mm: 9 x Slotted: 3, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8 mm. 5 x PHILLIPS®: PH0, PH1, PH2 (x 2), PH3.
5 x POZIDRIV®: PZ0, PZ1, PZ2 (x 2), PZ3. 9 x Hexagonal: 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8 mm.
12 x Hexagonal: 2, 2.5, 3, 4, 5, 6 mm, 5/64", 3/32", 7/64", 1/8", 9/64", 5/32".
9 x TORX®: T8, T10, T15, T20, T25, T27, T30,T40, T45.
9 x Tamper Proof TORX®: TP8, TP10, TP15, TP20, TP25, TP27, TP30, TP35, TP40.
3 x Spline (XZN®): M5, M6, M8. 3 x Dual Wedge: 1, 2, 3. 4 x Tri-Wing®: 1, 2, 3, 4. 4 x Spanner®: 4, 6, 8, 10.
3 x Torque®: 6, 8, 10 mm. 4 x Square: 0, 1, 2, 3. 17 x Bit 1/4", 75 mm: 3 x Hexagonal: 4, 5, 6 mm.
3 x Tamper Proof TORX®: TP15, TP20, TP30. 4 x Tri-Wing®: 1, 2, 3, 4. 4 x Spanner®: 4, 6, 8, 10. 3 x Torque®: 6, 8, 10 mm.

TRIDENT
1/4" Dr. Hex
Security Bit Set

Chromium-vanadium steel bits.
Supplied in robust storage case.
Dimensions: 195 x 135 x 37 mm.

Part No.	Qty	Description
TL1100	1 Set	100 Piece Set

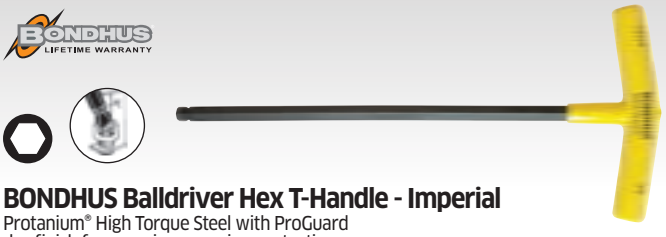
1 x Bit Holder, 1/4" magnetic: 60 mm. 1 x Bit Adaptor Socket, 1/4". 1 x Cup Hook Y-Adaptor: 1/4" Hex.
2 x Socket Adaptors, 1/4" Sq x 1/4" Hex Dr: 25 mm, 50 mm.
95 x 1/4" Bits, 25 mm: 9 x Tamper Proof TX: TP8, TP10, TP15, TP20, TP25, TP27, TP30, TP35, TP40.
9 x TX: T8, T10, T15, T20, T25, T27, T30, T35, T40. 3 x Clutch: 1, 2, 3. 3 x Torq: 1, 2, 3.
3 x Spline: M5, M6, M8. 4 x Tri-Wing: 1, 2, 3, 4. 4 x Square: 0, 1, 2, 3. 4 x Spanner: 4, 6, 8, 10.
9 x Flat: 3, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8 mm. 8 x PH: PH0, PH1, PH2 (x 5), PH3. 8 x PZ: PZ0, PZ1, PZ2 (x 5), PZ3.
10 x Hex, Imperial: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4".
6 x Tamper Proof Hex, Imperial: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32".
9 x Hex, Metric: 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8 mm. 6 x Tamper Proof Hex, Metric: 2, 2.5, 3, 4, 5, 6 mm.



BONDHUS Balldriver Hex T-Handle - Metric

Protanium® High Torque Steel with ProGuard dry finish for superior corrosion protection.
Cushioned curved ergonomic form-fitting solid steel handle.

Part No.	Qty	Size	Length
TL13160	1	4 mm	220 mm
TL13164	1	5 mm	246 mm
TL13168	1	6 mm	266 mm
TL13172	1	8 mm	285 mm
TL13176	1	10 mm	307 mm



BONDHUS Balldriver Hex T-Handle - Imperial

Protanium® High Torque Steel with ProGuard dry finish for superior corrosion protection.
Cushioned curved ergonomic form-fitting solid steel handle.

Part No.	Qty	Size	Length
TL13109	1	5/32"	231 mm
TL13110	1	3/16"	250 mm
TL13111	1	7/32"	262 mm
TL13112	1	1/4"	275 mm
TL13113	1	5/16"	289 mm
TL13114	1	3/8"	300 mm

BONDHUS Balldriver/Hex T-Handles - Metric Set

Supplied in durable storage pouch.

Part No.	Qty	Description
TL349	1 Set	8 Piece Set

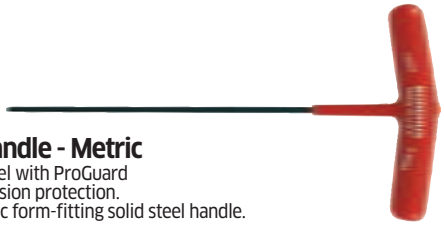
3 x Hex Sizes: 2, 2.5, 3. 5 x Balldriver Sizes: 4, 5, 6, 8, 10 mm.

BONDHUS Balldriver T-Handle Set - Imperial

Supplied in durable storage pouch.

Part No.	Qty	Description
TL352	1 Set	6 Piece Set

8 x Sizes: 5/32", 3/16", 7/32", 1/4", 5/16", 3/8".



BONDHUS Hex T-Handle - Metric

Protanium® High Torque Steel with ProGuard dry finish for superior corrosion protection.
Cushioned curved ergonomic form-fitting solid steel handle.

Part No.	Qty	Size	Length
TL13252	1	2 mm	150 mm
TL13352	1	2 mm	100 mm
TL13254	1	2.5 mm	172 mm
TL13354	1	2.5 mm	110 mm
TL13256	1	3 mm	196 mm
TL13356	1	3 mm	120 mm
TL13360	1	4 mm	136 mm
TL13364	1	5 mm	150 mm
TL13368	1	6 mm	173 mm
TL13372	1	8 mm	202 mm
TL13376	1	10 mm	232 mm

BONDHUS TORX® T-Handle

Protanium® High Torque Steel with ProGuard dry finish for superior corrosion protection.
Cushioned curved ergonomic form-fitting solid steel handle.

Part No.	Qty	Size	Length
TL33009	1	T9	155 mm
TL33010	1	T10	161 mm
TL33015	1	T15	168 mm
TL33020	1	T20	174 mm
TL33025	1	T25	180 mm
TL33027	1	T27	187 mm
TL33030	1	T30	193 mm
TL33040	1	T40	199 mm

BONDHUS Hex T-Handles - Metric Set

Supplied in durable storage pouch.

Part No.	Qty	Description
TL350	1 Set	8 Piece Set

8 x Sizes: 2, 2.5, 3, 4, 5, 6, 8, 10 mm.

BONDHUS Star T-Handles - TX Set

Supplied with plastic wall mountable stand.

Part No.	Qty	Description
TL348	1 Set	8 Piece Set

8 x Sizes: T9, T10, T15, T20, T25, T27, T30, T40.

BONDHUS Balldriver/Hex T-Handles - Imperial Set

Supplied with plastic wall mountable stand.

Part No.	Qty	Description
TL351	1 Set	**10 Piece Set**

4 x Hex Sizes: 3/32", 7/64", 1/8", 9/64". 6 x Balldriver Sizes: 5/32", 3/16", 7/32", 1/4", 5/16", 3/8".

TENG TOOLS T-Handle Hex Drivers Set

Ball point head on long hex keys. Supplied in a tool tray.

Part No.	Qty	Description
TTTHEX7	1 Set	**7 Piece Set**

3 x Hex, 100 mm: 2.5, 3, 4 mm. 3 x Hex, 150 mm: 5, 6, 7 mm. 1 x Hex, 190 mm: 8 mm

TENG TOOLS T-Handle TX/TPX Drivers Set

Supplied in a tool tray.

Part No.	Qty	Description
TTTTX7	1 Set	**7 Piece Set**

3 x TX, 100 mm: TX/TPX10, TX/TPX15, TX/TPX20. 3 x TX, 150 mm: TX/TPX25, TX/TPX27, TX/TPX30.
1 x TX, 190 mm: TX/TPX40

BONDHUS 'HEX PRO' Pivot Head Wrenches - Metric Set

Insert wrench just once and simply pivot around obstacles, long handles for extra reach. Supplied in a canvas roll pouch.

Part No.	Qty	Description
TL357	1 Set	**6 Piece Set**

6 x Hex Sizes: 3, 4, 5, 6, 8, 10 mm

BONDHUS 'HEX PRO' Pivot Head Wrenches - Imperial Set

Insert wrench just once and simply pivot around obstacles, long handles for extra reach. Supplied in a canvas roll pouch.

Part No.	Qty	Description
TL358	1 Set	**8 Piece Set**

8 x Hex Sizes: 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"

BONDHUS 'TORX PRO' Pivot Head Wrenches

Insert wrench just once and simply pivot around obstacles, long handles for extra reach. Supplied in a canvas roll pouch.

Part No.	Qty	Description
TL359	1 Set	**6 Piece Set**

6 x TORX Sizes: T25, T27, T30, T40, T45, T50

BONDHUS Hex Driver Fold Up Set - Metric

Part No.	Qty	Description
TNB12595	1 Set	6 Piece Set

6 x Sizes: 3, 4, 5, 6, 8, 10 mm.

BONDHUS 'GorillaGrip®' Hex Driver Fold Up Set - Metric

Part No.	Qty	Description
TNB12592	1 Set	7 Piece Set

7 x Sizes: 1.5, 2, 2.5, 3, 4, 5, 6 mm.

90° stop converts the tool into a non-stop, time saving, speed wrench

'Turn & Flip' feature eliminates constant removal and repositioning in screw head when working against obstructions.

BONDHUS 'GorillaGrip®' TORX® Driver Fold Up Set

Part No.	Qty	Description
TNB12632	1 Set	8 Piece Set

8 x Sizes: T6, T7, T8, T9, T10, T15, T20, T25.

BONDHUS TORX® Driver Fold Up Set

Part No.	Qty	Description
TNB12634	1 Set	8 Piece Set

8 x Sizes: T9, T10, T15, T20, T25, T27, T30, T40.

BONDHUS Ball Hex Driver Set - Imperial

Part No.	Qty	Description
TL346	1 Set	13 Piece Set

13 x Hex Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8".

BONDHUS Stubby Ball Hex Key Wrench Set - Imperial

Part No.	Qty	Description
TL354	1 Set	13 Piece Set

13 x Hex Sizes: .050, 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8".

BONDHUS Ball Hex Driver Set - Metric

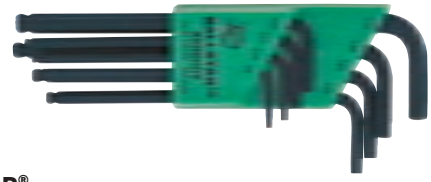
Part No.	Qty	Description
TL345	1 Set	9 Piece Set

Sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm.

BONDHUS Stubby Ball Hex Key Wrench Set - Metric

Part No.	Qty	Description
TL353	1 Set	9 Piece Set

9 x Hex Sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm.



BONDHUS BALLSTAR® Driver Set - TORX® Set

Part No.	Qty	Description
TL347	1 Set	8 Piece Set

8 x TORX® Sizes: T9, T10, T15, T20, T25, T27, T30, T40.

BONDHUS Ball Hex Driver Sets - Metric & Imperial Twin Pack

Part No.	Qty	Description
TNB20199	Set of 2	Ball Hex Twin Pack

9 x Hex Sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm.
13 x Hex Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8".

TENG TOOLS Ball Point Hex Key Wrench Set - Metric

Black finish. Supplied in a folding holder.

Part No.	Qty	Description
T1479MMA	1 Set	9 Piece Set

9 x Sizes: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 7.0, 10.0 mm.

BONDHUS Colour Coded Ball End Hex Key Wrenches - Metric Set

Part No.	Qty	Description
TNB69499	1 Set	9 Piece Set

9 x Hex Sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm.

BONDHUS Colour Coded Ball End Hex Key Wrenches - Extra Long Metric Set

Part No.	Qty	Description
TNB69699	1 Set	9 Piece Set

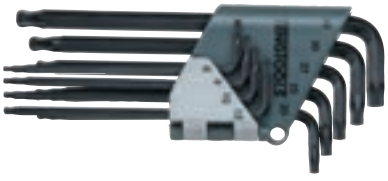
9 x Hex Sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm.

TENG TOOLS Ball Point Hex Key Wrench Set - Imperial

Black finish. Supplied in a folding holder.

Part No.	Qty	Description
T1479AF	1 Set	9 Piece Set

9 x Sizes: 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8".



TENG TOOLS TX Key Wrench Set

Black finish. Supplied in a folding holder.

Part No.	Qty	Description
T1479TX	1 Set	9 Piece Set

9 x TX Keys: TX8, TX9, TX10, TX15, TX20, TX25, TX27, TX30, TX40.

KS TOOLS 3-in-1 Hex Key Wrench Set, Ball Ended

Chrome plated, matt finish. DIN/ISO 2936. In patented plastic holder.

Part No.	Qty	Description
K151.2100	1 Set	8 Piece Set

8 x Sizes: 2, 2.5, 3, 4, 5, 6, 8, 10 mm.

KS TOOLS 3-in-1 Hex Key Wrench Set, Extra Long Ball Ended

Chrome plated, matt finish. DIN/ISO 2936. In patented plastic holder.

Part No.	Qty	Description
K151.2180	1 Set	8 Piece Set

8 x Sizes: 2, 2.5, 3, 4, 5, 6, 8, 10 mm.

TENG TOOLS Combination Spanners

Polished heads, satin finish. 12 Point. 15° offset ring ends.

Part No.	Qty	Size
T600507	1	7 mm
T600508	1	8 mm
T600510	1	10 mm
T600513	1	13 mm
T600515	1	15 mm
T600517	1	17 mm
T600519	1	19 mm
T600521	1	21 mm
T600522	1	22 mm
T600524	1	24 mm
T600527	1	27 mm
T600530	1	30 mm
T600536	1	36 mm

KS TOOLS 'CHROMEplus®' Mirror Polished Combination Spanner Set

Chrome plated, mirror polished. DIN 3338, ISO 3318, ISO 7738.
Head offset 15°, jaw offset 15°. Supplied in a heavy duty storage pouch roll.

Part No.	Qty	Description
K518.0643	1 Set	13 Piece Set

13 x Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22 mm.

TENG TOOLS Combination Spanners Set

Polished heads, satin finish.12 Point. 15° offset ring ends. Supplied in a plastic holder.

Part No.	Qty	Description
T6510A	1 Set	10 Piece Set

10 x Sizes: 8, 10, 11, 12, 13, 14, 15, 16, 17, 19 mm.

KS TOOLS 'CHROMEplus®' Extra Long Double Ring Spanner Set

Chrome plated, mirror polished, straight slim line head.
Extra narrow shape spanner head.

- Designed for high torque tightening and loosening.
- Ideal for loosening very tight fittings in awkward areas where the use of a ratchet is not possible: e.g. on axles, ball joints, suspensions, steering components, propeller shaft couplings, etc.
- No need to lengthen normal spanners which can lead to injury.

Part No.	Qty	Description
K518.0800	1 Set	6 Piece Set

6 x Sizes: 10 x 11, 12 x 14, 13 x 15, 16 x 18, 17 x 19, 22 x 24 mm.

TENG TOOLS Combination Spanners Set

Polished heads, satin finish. 12 Point.15° offset ring ends. Supplied in a tool tray.

Part No.	Qty	Description
TTT1236	1 Set	12 Piece Set

12 x Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

TENG TOOLS 'Rigger Jigger'

Compact double ring spanner. Length: 120 mm.

Part No.	Qty	Size
T601013	1	10 mm x 13 mm

TENG TOOLS Combination Spanners Set

Polished heads, satin finish.
12 Point. 15° offset ring ends. Supplied in a TTX tool tray.

Part No.	Qty	Description
TTTX2032	1 Set	7 Piece Set

7 x Sizes: 20, 21, 22, 24, 27, 30, 32 mm

Gripper Wrench Organizer

For use in toolboxes or on the wall. Folding space saver handle.

Part No.	Qty	Holds Up To
TL8050	1	12 Spanners

KS TOOLS
Combination Spanner Set

Chrome vanadium steel, satin finish, polished heads. DIN 3113 Form A/ISO 3318/ISO 7738. Head offset 15°, jaw offset 15°. FlankTraction profile (12 point). Supplied in a plastic holder.

Part No.	Qty	Description
K517.0052	1 Set	**12 Piece Set**

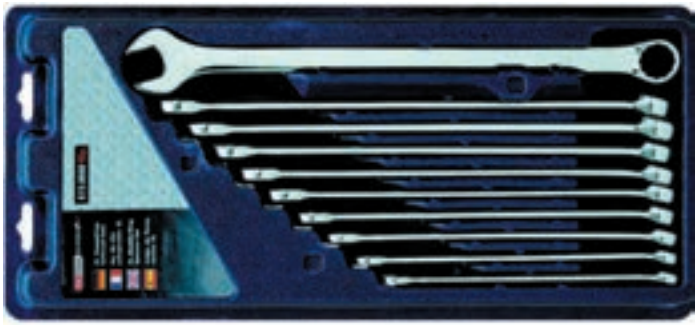
12 Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

KS TOOLS Combination Spanner Set

Chrome vanadium steel, satin finish, polished heads. DIN 3113 Form A/ISO 3318/ISO 7738. Head offset 15°, jaw offset 15°. FlankTraction profile (12 point). Supplied in a heavy duty storage pouch roll.

Part No.	Qty	Description
K517.0043	1 Set	**21 Piece Set**

21 x Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 mm.



KS TOOLS Extra Long Combination Spanner Set

Chrome vanadium steel, polished heads. DIN 3113 Form A/ISO 3318/ISO 7738. Head offset 15°, jaw offset 15°. FlankTraction profile (12 point). Supplied in a display box.

Part No.	Qty	Description
K519.0660	1 Set	**11 Piece Set**

10 x Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

KS TOOLS 3/8" Drive 6 Point Crow Foot Wrench Set

Chrome plated, matt finish. Supplied on a socket rail. 3/8

Part No.	Qty	Description
K913.3800	1 Set	**10 Piece Set**

10 x Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm.

LASER
3/8" Drive Flare Nut Crowfoot Spanners

Supplied on a socket rail. 3/8

Part No.	Qty	Description
TK6400	1 Set	**8 Piece Set**

8 x Sizes: 10, 11, 13, 14, 15, 17, 19, 22 mm.

RG TOOLS
VDE Open End Wrench Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage pouch.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10130	1 Set	**5 Piece Set**

Contents: 5 x Open End Wrenches: 7, 8, 10, 12, 14mm.

RG TOOLS
VDE Open End Wrenches

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Open Jaw	Overall Length
RG10200	1	**10 mm**	108 mm
RG10205	1	**13 mm**	144 mm
RG10210	1	**15 mm**	163 mm
RG10215	1	**17 mm**	163 mm
RG10220	1	**19 mm**	180 mm
RG10225	1	**24 mm**	224 mm

BAHCO

BAHCO Adjustable Wrench

Phosphated finish. 40% wider opening than standard 8" (200 mm) wrench with convenient length handle.

Part No.	Qty	Length		Max Jaw Capacity
TB9031	1	8 1/2"	218mm	38 mm

BAHCO

BAHCO Adjustable Wrenches

Phosphate finish. DIN 3117.

Part No.	Qty	Length	Max Jaw Opening
TB8070	1	155 mm	20 mm
TB8071	1	205 mm	27 mm
TB8072	1	255 mm	30 mm
TB8073	1	305 mm	34 mm
TB8074	1	380 mm	44 mm
TB8075	1	455 mm	53 mm

TENGTOOLS

TENG TOOLS Adjustable Wrenches

Phosphate finish.

Part No.	Qty	Length	
T4002	1	6"	(150 mm)
T4003	1	8"	(200 mm)
T4004	1	10"	(250 mm)
T4005	1	12"	(300 mm)
T4006	1	15"	(375 mm)
T4007	1	18"	(450 mm)

KS TOOLS GERMANY

KS TOOLS 'GEARplus®' Reversible Ratchet Combination Spanner Set

Chrome plated, mirror polished.
DIN 3110, ISO 3318. Head offset 15°,
jaw offset 15°. 72 teeth, 5° angle reversible
ratchet mechanism. Supplied in a robust plastic storage case.

Part No.	Qty	Description
K503.4646	1 Set	6 Piece Set

6 x Sizes: 8, 10, 12, 13, 17, 19 mm.

KS TOOLS GERMANY

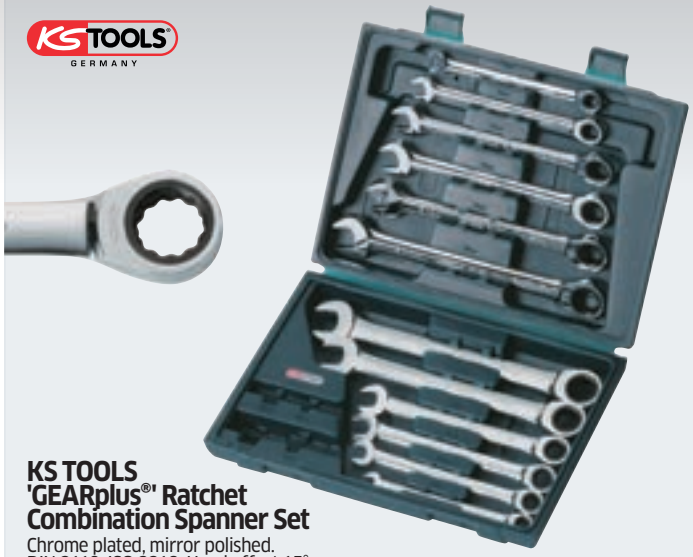
KS TOOLS 'GEARplus®' Reversible Ratchet Combination Spanner Set with Adaptors

Chrome plated, mirror polished.
DIN 3110, ISO 3318.Head offset 15°,
jaw offset 15°. 72 teeth, 5° angle reversible ratchet
mechanism. Supplied in a robust plastic storage case.

- **Includes 'GEARplus®' Adaptors: Allows use as reversible ratchet and bit ratchet. Can be used with 1/4", 3/8" and 1/2" sockets and with any 1/4" bit.**

Part No.	Qty	Description
K503.4666	1 Set	16 Piece Set

12 x Reversible Spanners: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm.
4 x GEARplus® Adaptors: 1 x for Bits: 1/4".
3 x for Sockets: 1/4", 3/8", 1/2".

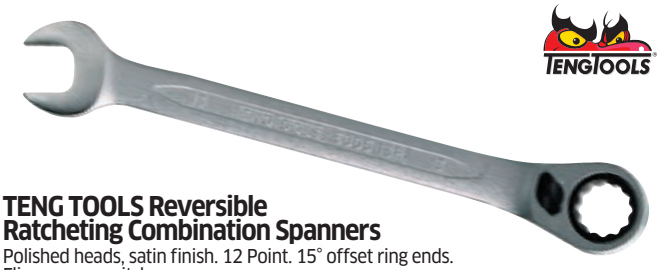


KS TOOLS 'GEARplus®' Ratchet Combination Spanner Set

Chrome plated, mirror polished. DIN 3110, ISO 3318. Head offset 15°, jaw offset 15°. 72 teeth, 5° angle ratchet mechanism. Supplied in a robust plastic storage case.

Part No.	Qty	Description
K503.4265	1 Set	**12 Piece Set**

12 x Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm.



TENG TOOLS Reversible Ratcheting Combination Spanners

Polished heads, satin finish. 12 Point. 15° offset ring ends. Flip reverse switch.

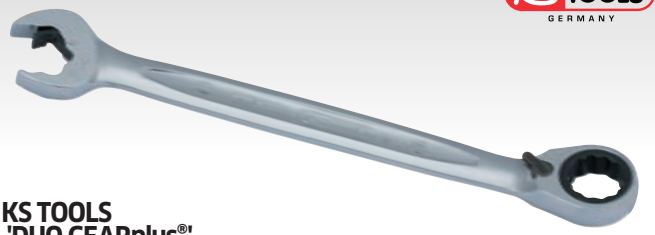
Part No.	Qty	Size
T600508R	1	**8 mm**
T600510R	1	**10 mm**
T600513R	1	**13 mm**
T600515R	1	**15 mm**
T600517R	1	**17 mm**
T600519R	1	**19 mm**
T600522R	1	**22 mm**
T600524R	1	**24 mm**

TENG TOOLS Reversible Ratcheting Combination Spanners Set

Polished heads, satin finish. 12 Point. 15° offset ring ends. Supplied in a tool tray.

Part No.	Qty	Description
TTT6508R	1 Set	**8 Piece Set**

8 x Sizes: 8, 10, 11, 12, 13, 14, 17, 19 mm



KS TOOLS 'DUO GEARplus®' Reversible Ratchet Ring/Open-End Combi Spanners with Open Jaw Ratchet Function

Based on DIN 3113/ISO 3318. Chrome vanadium fine satin finish. Jaw offset by 15°. 72 teeth ratcheting action.

- **Innovative open-end jaw ratchet mechanism**
- **Flank Traction profile**

Part No.	Qty	Size	Length
K503.5908	1	**8 mm**	140 mm
K503.5909	1	**9 mm**	150 mm
K503.5910	1	**10 mm**	159 mm
K503.5911	1	**11 mm**	166 mm
K503.5912	1	**12 mm**	172 mm
K503.5913	1	**13 mm**	178 mm
K503.5914	1	**14 mm**	191 mm
K503.5915	1	**15 mm**	200 mm
K503.5916	1	**16 mm**	208 mm
K503.5917	1	**17 mm**	225 mm
K503.5918	1	**18 mm**	236 mm
K503.5919	1	**19 mm**	248 mm

KS TOOLS 'DUO GEARplus®'

Reversible Ratchet Ring/Open-End Combi Spanners with Open Jaw Ratchet Function Set

Part No.	Qty	Description
K503.5905	1 Set	**5 Piece Set**

5 x Sizes: 8, 10, 13, 17, 19 mm.

KS TOOLS 'SlimPOWER' Reversible Ratchets

¼" ⅜" ½"

Chrome plated and mirror polished. DIN 3122 / ISO 3315. Square drive adaptor to DIN 3120 / ISO 1174 with ball lock. Ergonomic non-slip 2 component handle. 72 teeth, 5° angle ratchet mechanism. Extremely slim line head. Quick release system.

Part No.	Qty	Drive Size	Weight	Max Torque
K920.1490	1	1/4" Drive	80g	102 Nm
K920.3890	1	3/8" Drive	180g	102 Nm
K920.1290	1	1/2" Drive	356g	710 Nm

KS TOOLS 'CHROMEplus®' Reversible Ratchets

¼" ⅜" ½"

Chrome plated, mirror polished. DIN 3122, ISO 3315. 45 teeth, 8° angle ratchet mechanism. Quick release system. Ergonomic non-slip 2 component handle.

Part No.	Qty	Drive Size
K918.1400	1	1/4" Drive
K918.3800	1	3/8" Drive
K918.1200	1	1/2" Drive

LASER Swivel Head Ratchet with T-Handle

⅜"

Chrome plated, mirror polished.
Two innovative actions in one ratchet.
Use as a swivel head ratchet or use as a T-handle ratchet.

Part No.	Qty	Drive Size
TL3890	1	3/8" Drive

KS TOOLS 'CHROMEplus®' Flex Head Ratchet

⅜"

Chrome plated, mirror polished. DIN 3122, ISO 3315.72 teeth, 5° angle ratchet mechanism. Quick release system. American style handle

Part No.	Qty	Drive Size
K918.3997	1	3/8" Drive

TENG TOOLS 'FRP' Ratchets

¼" ⅜" ½"

Steel reinforced fibre ratchet with fixed drive.

- 45 teeth provides 8° increment.
- Quick release and flip reverse system.
- Lighter and more comfortable than normal ratchets, yet just as strong.

Part No.	Qty	Drive Size
T1400FRP	1	1/4" Drive
T3800FRP	1	3/8" Drive
T1200FRP	1	1/2" Drive

TENG TOOLS 72 Teeth Ratchet

¼" ⅜" ½"

Ultra slim ratchet head with 72 teeth giving a 6° increment between clicks.

- Ideal for use in confined spaces
- 72 teeth for a smoother operation
- Quick release and twist reverse system
- Rubber handle
- An uncomplicated mechanism provides higher torque capacity and longer service life

Part No.	Qty	Drive Size
T1400-72N	1	1/4" Drive
T3800-72N	1	3/8" Drive
T1200-72N	1	1/2" Drive

SIGNET Ratchets

¼" ⅜" ½"

45 Teeth.

Part No.	Qty	Drive Size	Length
TL2620	1	1/4" Drive	140 mm
TL2630	1	3/8" Drive	195 mm
TL2640	1	1/2" Drive	245 mm

SIGNET Professional Reversible Ratchet

¾"

Chrome vanadium head. Quick-release mechanism.

Part No.	Qty	Drive Size	Length
TL4050	1	3/4" Drive	510 mm

KS TOOLS 'CHROMEplus®' Telescopic Reversible Ratchet

½"

Chrome plated, mirror polished. DIN 3122, ISO 3315. 36 teeth, 10° angle ratchet mechanism.Quick release system.
Ergonomic non-slip 2 component handle.
Extension Range: 380 to 500 mm.

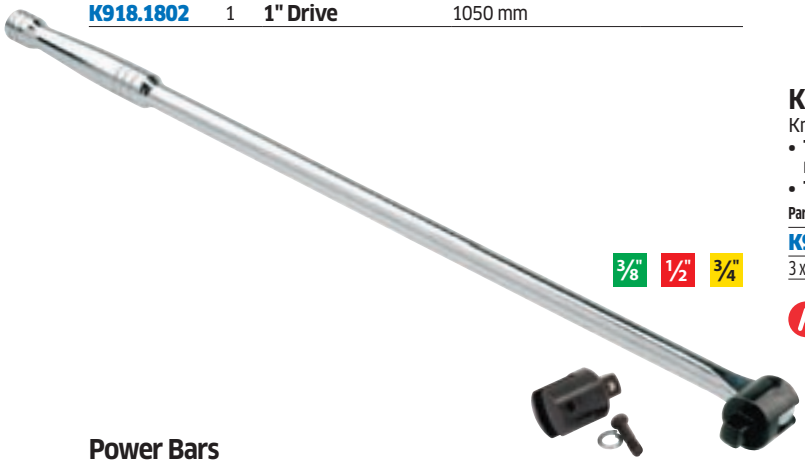
Part No.	Qty	Drive Size
K918.1270	1	1/2" Drive

3/8" 1/2" 3/4" 1"

KS TOOLS 'CHROMEplus®' Power Bars

Chrome plated, mirror polished.
Extra long handle with pivot head.

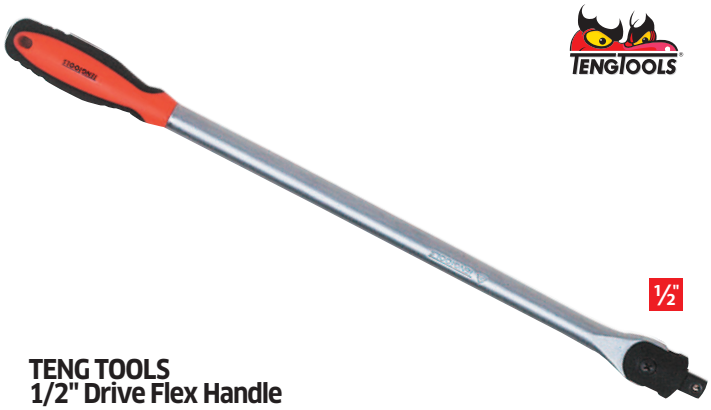
Part No.	Qty	Drive Size	Length
K918.3826	1	3/8" Drive	400 mm
K918.3826-1	1	3/8" Spare Head	
K918.1292	1	1/2" Drive	600 mm
K918.1292-1	1	1/2" Spare Head	
K918.1801	1	3/4" Drive	1030 mm
K918.1802	1	1" Drive	1050 mm



3/8" 1/2" 3/4"

Power Bars

Part No.	Qty	Drive Size	Length	
TL9190	1	3/8" Drive	375 mm	(15")
TL9190H	1	3/8" Spare Head		
TL9290	1	1/2" Drive	600 mm	(24")
TL9290H	1	1/2" Spare Head		
TL4060	1	3/4" Drive	1,000 mm	(39")
TL4060H	1	3/4" Spare Head		



1/2"

TENG TOOLS 1/2" Drive Flex Handle

Part No.	Qty	Description	Length	
T1201	1	Flex Handle	450 mm	(17")

1/4"

KS TOOLS 1/4" Drive 'LOKPLUS' Extension Set

Knurled, chrome plated, mirror polished. DIN 3123, ISO 3316.

- The LOKPLUS system holds the socket tight to the extension, minimising the risk of loosing the socket on removal from the nut or bolt.
- The slim line locking mechanism allows for no increase of the overall dimensions.

Part No.	Qty	Description
K919.0143	1 Set	3 Piece Set

3 x Lengths: 100, 150, 250 mm

3/8"

KS TOOLS 3/8" Drive 'LOKPLUS' Extension Set

Knurled, chrome plated, mirror polished. DIN 3123, ISO 3316.

- The LOKPLUS system holds the socket tight to the extension, minimising the risk of loosing the socket on removal from the nut or bolt.
- The slim line locking mechanism allows for no increase of the overall dimensions.

Part No.	Qty	Description
K919.0383	1 Set	3 Piece Set

3 x Lengths: 75, 150, 150 mm.

1/2"

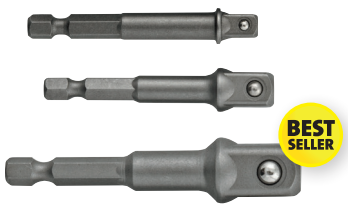
KS TOOLS 1/2" Drive 'LOKPLUS' Extension Set

Knurled, chrome plated, mirror polished. DIN 3123, ISO 3316.

- The LOKPLUS system holds the socket tight to the extension, minimising the risk of loosing the socket on removal from the nut or bolt.
- The slim line locking mechanism allows for no increase of the overall dimensions.

Part No.	Qty	Description
K919.0123	1 Set	3 Piece Set

3 x Lengths: 75, 125, 250 mm



LASER Power Drive Extensions

Allows cordless power drivers to drive sockets and socket bits.

3/8" 1/2" 3/4"

Part No.	Qty	Description
TL472	1 Set	3 Piece Set

3 x Drive Sizes: 1/4", 3/8", 1/2".

TENG TOOLS 1/4" Drive Extensions

Chrome vanadium steel. Satin finish.

1/4"

Part No.	Qty	Length	
TM140020	1	2"	50 mm
TM140021	1	4"	100 mm
TM140022	1	6"	150 mm

TENG TOOLS 3/8" Drive Extensions

Chrome vanadium steel. Satin finish.

3/8"

Part No.	Qty	Length	
TM380020	1	3"	75 mm
TM380021	1	6"	150 mm
TM380022	1	10"	254 mm

TENG TOOLS 1/2" Drive Extensions

Chrome vanadium steel. Satin finish.

1/2"

Part No.	Qty	Length	
TM120020	1	2 1/2"	63.5 mm
TM120021	1	5"	125 mm
TM120022	1	10"	254 mm

TENG TOOLS 1/4", 3/8" & 1/2" Drive Socket Accessories Set

Supplied in a TTX tool tray.

1/4" 3/8" 1/2"

Part No.	Qty	Description
TTTXEXT13	1 Set	13 Piece Set

2 x 1/4" Extensions: 6", 12". 1 x 1/4" Universal Joint. 1 x 3/8" Wobble Extension 3". 1 x 3/8" Extension 20". 1 x 3/8" Universal Joint. 1 x 3/8" T-Bar Adaptor: 3/8" F - 1/4" M. 1 x 1/2" Wobble Extension: 3". 1 x 1/2" Extension: 20". 1 x 1/2" Universal Joint. 1 x T-Handle Grip. 2 x Mini Screwdrivers, Hex: 2.0, 2.5 mm.

KS TOOLS 'CHROMEplus®' Universal Joints

Chrome plated, mirror polished. DIN 3123, ISO 3316.

Part No.	Qty	Size
K918.1450	1	1/4" Drive
K918.1250	1	1/2" Drive

TENG TOOLS Universal Joints

Part No.	Qty	Drive	Length
TM140030	1	1/4" Drive	33 mm
TM380030	1	3/8" Drive	50 mm
TM120030	1	1/2" Drive	69 mm

KS TOOLS 'CHROMEplus®' Sliding T-Bar Adaptors

Chrome plated, mirror polished. DIN 3123, ISO 3316.

Part No.	Qty	Size
K918.1449	1	3/8" M : 1/4" F
K918.3807	1	1/2" F : 3/8" M

TENG TOOLS Drive Adaptors

With hole for turning using an extension bar.

Part No.	Qty	Size
TM140036	1	1/4" F : 3/8" M
TM380036	1	3/8" F : 1/2" M
TM120036	1	1/2" F : 3/8" M

TENG TOOLS
1/4" Drive Socket Set

Supplied in a plastic storage box with rubber feet to prevent sliding.

1/4"

Part No.	Qty	Description
TT1424	1 Set	**23 Piece Set**

1 x FRP Ratchet. 1 x Hanging Hook. 1 x Universal Joint. 1 x Extension: 3". 1 x Coupler Adaptor.
11 x Regular Sockets, 6 point: 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm. 8 x Hex Bits 1/4", 25 mm:
2 x Slotted: 4, 5.5 mm 2 x PH: PH1, PH2. 2 x TX: TX15, TX20. 2 x Hex: 5, 6 mm.

TENG TOOLS
3/8" Drive Socket Set

Supplied in a plastic storage box with rubber feet to prevent sliding.

3/8"

Part No.	Qty	Description
TT3834	1 Set	**24 Piece Set**

1 x FRP Ratchet. 1 x Hanging Hook. 1 x Extension Bar: 3". 1 x Coupler Adaptor. 9 x Regular Sockets, 6 point: 8, 10, 11,
12, 13, 14, 15, 17, 19 mm. 11 x Hex Bits 1/4", 25 mm: 2 x Slotted: 4, 5.5 mm. 2 x PH: PH1, PH2.
2 x PZ: PZ1, PZ2. 3 x TX: TX10, TX15, TX20. 2 x Hex: 5, 6 mm.

TENG TOOLS
1/4" Drive Socket Set

Supplied in a plastic storage box with rubber feet to prevent sliding.

1/4"

Part No.	Qty	Description
TT1436	1 Set	**36 Piece Set**

1 x FRP Ratchet. 1 x Universal Joint. 2 x Extensions: 2", 4". 1 x Coupler Adaptor. 1 x T-Bar Adaptor: 3/8" F - 1/4" M.
3 x Hex Keys: . 1.5, 2, 2.5 mm. 10 x Regular Sockets, 6 point: 4, 5, 5.5, 6, 7, 8, 10, 11, 12, 13 mm.
6 x Deep Sockets, 6 point: 6, 7, 8, 10, 12, 13 mm. 11 x Hex Bits 1/4", 25 mm: 2 x Slotted: 4, 5.5 mm.
2 x PH: PH1, PH2. 2 x PZ: PZ1, PZ2. 3 x TX: TX10, TX15, TX20. 2 x Hex: 5, 6 mm.

TENG TOOLS
3/8" Drive Socket Set

Supplied in a plastic storage box with rubber feet to prevent sliding.

3/8"

Part No.	Qty	Description
TT3839	1 Set	**39 Piece Set**

1 x FRP Ratchet. 1 x Universal Joint. 1 x Wobble Extension: 3". 1 x Extension: 6". 1 x Coupler Adaptor.
1 x T-Bar Adaptor: 1/2" F - 3/8" M.
14 x Regular Sockets, 6 point: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 mm.
6 x Deep Sockets, 6 point: 8, 10, 12, 13, 17, 19 mm. 2 x Spark Plug Sockets: 16, 21 mm.
11 x Hex Bits 1/4", 25 mm: 2 x Slotted: 4, 5.5 mm. 2 x PH: PH1, PH2. 2 x PZ: PZ1, PZ2. 3 x TX: TX10, TX15, TX20.
2 x Hex: 5, 6 mm.

KS TOOLS 'CHROMEplus®'
1/4" Drive Socket Set

Chrome plated, mirror polished. Precision manufactured
to DIN/ISO standards. Supplied in a robust plastic storage case.

1/4"

Part No.	Qty	Description
K918.0646	1 Set	**46 Piece Set**

13 x Sockets 1/4": 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm. 21 x Bit sockets 1/4": 3 x Slotted: 4, 5.5, 7 mm.
3 x PHILLIPS®: PH1, PH2, PH3. 2 x POZIDRIV®: PZ1, PZ2. 6 x Hexagonal: 3, 4, 5, 6, 7, 8 mm.
7 x TORX®: T10, T15, T20, T25, T27, T30, T40. 3 x Extensions 1/4", knurled, with hexagonal drive: 50, 100, 150 mm.
1 x Spinner handle 1/4" drive. 1 x Universal joint 1/4". 1 x Sliding T-bar 1/4". 4 x Hex key wrenches: 1 ,1.5, 2, 2.5 mm.
1 x Socket adaptor 1/4" square with 1/4" hexagonal drive. 1 x Reversible ratchet 1/4".

KS TOOLS
'CHROMEplus®'
3/8" Drive Regular & Deep Socket Set

Chrome plated, mirror polished. Precision manufactured
to DIN/ISO standards. Supplied in a robust plastic storage case.

3/8"

Part No.	Qty	Description
K918.0627	1 Set	**27 Piece Set**

13 x Sockets 3/8": 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm.
10 x Deep Sockets 3/8": 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm.
2 x Wobble extension 3/8", knurled: 75, 150 mm. 1 x Universal joint 3/8". 1 x Reversible ratchet 3/8".

KS TOOLS GERMANY

KS TOOLS 'CHROMEplus®' 3/8" Drive Socket & Bit Socket Set

Chrome plated, mirror polished.
Precision manufactured to DIN/ISO standards.
Supplied in a robust plastic storage case.

3/8"

Part No.	Qty	Description
K918.0661	1 Set	61 Piece Set

18 x Sockets 3/8": 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm.
10 x Sockets 3/8", deep: 8, 9, 10, 11, 12, 13, 14, 15, 17, 19 mm. 2 x Spark plug sockets 3/8": 16, 21 mm.
26 x Bit sockets 3/8": 3 x Slotted: 5.5, 7, 8 mm. 3 x PHILLIPS®: PH1, PH2, PH3. 3 x POZIDRIV®: PZ1, PZ2, PH3.
7 x Hexagonal: 3, 4, 5, 6, 7, 8, 10 mm. 10 x TORX®: T10, T15, T20, T25, T27, T30, T40, T45, T50, T55.
1 x Wobble extension 3/8", knurled: 75 mm. 1 x Wobble extension 3/8", knurled: 250 mm.
1 x Sliding T-bar adaptor for extension 3/8", adaptor function. 1 x Universal joint 3/8". 1 x Reversible ratchet 3/8".

KS TOOLS GERMANY

KS TOOLS 'TRIPLEplus®' 19 mm Drive (3/8" & 1/2") 'Go-Through' Socket Set

Chrome plated, mirror polished. Precision manufactured to DIN/ISO standards.
Supplied in a robust plastic storage case.

- **'TRIPLEplus®' Profile, the perfect torque transfer, works on hexagonal, 12 point, E-TORX®, nuts and bolts as well as many imperial sizes.**

3/8" 1/2"

Part No.	Qty	Description
K916.4050	1 Set	17 Piece Set

13 x TRIPLEplus® 'Go-Through' sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 mm.
1 x Go-through socket extension with 19 mm drive: 75 mm. 1 x Socket adaptor 19 mm x 3/8".
1 x Socket adaptor 19 mm x 1/2". 1 x Go-through reversible ratchet, with 19 mm drive.

RG TOOLS

NEW

RG TOOLS 3/8" Dr VDE Socket Set

Manufactured according to IEC 60900. Chrome vanadium steel construction.
Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10502	1 Set	9 Piece Set

1 x Reversible Ratchet, 1 x 100 mm Extension Bar. Deep Sockets: 1 x 8 mm, 1 x 10 mm, 1 x 12 mm, 1 x 13 mm, 1 x 14 mm, 1 x 17 mm, 1 x 19 mm.

RG TOOLS

NEW

RG TOOLS 3/8" Dr VDE Tool Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10140	1 Set	26 Piece Set

Contents: 1 x Combi Pliers. 1 x Side Cutters. Open End Wrenches: 7, 8, 10, 12, 14 mm.
Screwdrivers: PH1 x 100 mm, PH2 x x100 mm, SL1.0 x 125 mm, SL0.8 x 100 mm. 2 Cable Knives.
3/8" Drive Ratchet. 3/8" Drive Extension 100 mm. 3/8" Drive Sockets: 7, 8, 10, 12, 14 mm.
3/8" Drive Sockets: 1/4", 5/16", 3/8", 1/2", 9/16". 3/8". Drive T-Handle.

RG TOOLS

NEW

RG TOOLS 3/8" Dr VDE T-Handle+ Screwdriver Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage pouch.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10110	1 Set	8 Piece Set

Contents: 1 x 3/8" Drive T-Handle. 5 x 3/8" Drive Sockets: 7, 8, 10, 12, 14mm.
2 x Screwdrivers: PH2 x 100mm, SL1.0 x 5.5 x 125mm.

RGTOOLS

RG TOOLS 1/2" Dr VDE Socket Set

Manufactured according to IEC 60900. Chrome vanadium steel construction. Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

½"

Part No.	Qty	Description
RG10500	1 Set	**11 Piece Set**

1 x Reversible Ratchet, 1 x T-handle, 1 x 125 mm Extension Bar. Deep Sockets: 1 x 10 mm, 1 x 12 mm, 1 x 13 mm, 1 x 14 mm, 1 x 17 mm, 1 x 19 mm, 1 x 22 mm, 1 x 24 mm.

RGTOOLS

RG TOOLS 1/2" Dr VDE Socket Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

½"

Part No.	Qty	Description
RG10120	1 Set	**7 Piece Set**

Contents: 1 x 1/2" Drive Reversible Ratchet. 1 x 1/2" Drive Extension: 125mm L.
5 x 1/2" Drive Sockets: 14, 17, 19, 22, 24mm.

KS TOOLS 'CHROMEplus®' 1/2" Drive Socket Set

KS TOOLS GERMANY

Chrome plated, mirror polished. Precision manufactured to DIN/ISO standards. Supplied in a robust plastic storage case.

½"

Part No.	Qty	Description
K918.0635	1 Set	**35 Piece Set**

18 x Sockets 1/2": 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32, 34 mm.
10 x Sockets 1/2", deep: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm. 2 x Spark plug sockets 1/2": 16, 21 mm.
2 x Extension 1/2", knurled: 125, 250 mm. 1 x Universal joint 1/2". 1 x Sliding T-bar adaptor 1/2".
1 x Reversible ratchet 1/2".

TENGTOOLS

TENG TOOLS 1/2" Drive Socket Set

Supplied in a plastic storage box with rubber feet to prevent sliding.

½"

Part No.	Qty	Description
TT1221	1 Set	**21 Piece Set**

1 x FRP Ratchet. 1 x Universal Joint. 2 x Extensions: 2 1/2", 6". 1 x T-Bar Adaptor: 3/8" F - 1/2" M.
16 x Regular Sockets, 12 point: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm.

TENGTOOLS

TENG TOOLS 1/4", 3/8 & 1/2" Drive Socket & Tool Set

Supplied in a plastic storage box with rubber feet to prevent sliding.

¼" ⅜" ½"

Part No.	Qty	Description
TTMX098	1 Set	**98 Piece Set**

1/4" Drive: Mini palm ratchet, 3" Extension bar. 3/8" Drive: Flip reverse ratchet, 3" Extension bar, 3/8" F x 1/2" M adaptor, 3/8" F x 1/4" M adaptor. Bits coupler for 1/4" hex bits.
1/2" Drive: Flip reverse ratchet, 5" Extension bar. Magnetic bits driver: 193mm.
1/4" Drive 6 point sockets: Reg mm: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13.
3/8" Drive 6 point sockets: Reg mm: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21.
1/2" Drive 12 point sockets: Reg mm: 10, 12, 13, 15, 16, 17, 19, 24, 27, 30.
Combination Spanners: 8, 10, 11, 12, 13, 14, 15, 16, 17, 19 mm.
1/4" Hex bits: TORX: TX10, TX15, TX20 x2, TX25 x2, TX27, TX30, TX40.
Slotted: 4, 5.5, 7. Tamper Proof TORX: TPX10, TPX15, TPX20, TPX25, TPX27, TPX30, TPX40.
HEX: 3, 4, 5, 6, 8, 10. 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 3/8". POZIDRIV: PZ1, PZ2 x2, PZ3.
PHILIPS: PH0, PH1, PH2 x2, PH3. SQUARE: ROB1, ROB2

KS TOOLS 3/8" Drive Hex Bit Socket Set

Chrome plated, matt finish. Length: 50 mm. Supplied on a socket rail.

3/8"

Part No.	Qty	Description
K911.3945	1 Set	7 Piece Set

7 x Sizes: 4, 5, 6, 7, 8, 10, 12 mm .

TENG TOOLS 3/8" Drive Hex Bit Socket Set

Supplied on a socket rail.

3/8"

Part No.	Qty	Description
TM3812	1 Set	9 Piece Set

9 x Sizes: 3, 4, 5, 5.5, 6, 7, 8, 10, 12 mm

TENG TOOLS 1/2" Drive Hex Bit Socket Set

Supplied on a socket rail.

1/2"

Part No.	Qty	Description
TM1212	1 Set	9 Piece Set

9 x Sizes: 5, 6, 7, 8, 9, 10, 12, 14, 17 mm

KS TOOLS 3/8" DriveTORX® Bit Socket Set

Chrome plated, matt finish. Supplied on a socket rail.

3/8"

Part No.	Qty	Description
K911.3935	1 Set	10 Piece Set

10 x Sizes: T10, T15, T20, T27, T30, T40, T45, T50, T55.

TENG TOOLS 1/2" Drive TX Bit Socket Set

Supplied on a socket rail.

1/2"

Part No.	Qty	Description
TM1213TX	1 Set	9 Piece Set

9 x Sizes: TX20, TX25, TX27, TX30, TX40, TX45, TX50, TX55, TX60

TENG TOOLS 1/4" & 3/8" Drive TX-E Bit Socket Set

Supplied on a socket rail.

1/4" 3/8"

Part No.	Qty	Description
TM3814	1 Set	10 Piece Set

5 x 1/4" Drive: E4, E5, E6, E7, E8. 5 x 3/8" Drive: E10, E12, E14, E16, E18

TENG TOOLS 1/4" Drive Regular Socket Set - 6 Point

Supplied on a socket rail.

1/4"

Part No.	Qty	Description
TM1412	1 Set	12 Piece Set

12 x Regular Sockets, 6 point: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm.

TENG TOOLS 3/8" Drive Regular Socket Set - 6 Point

Supplied on a socket rail.

3/8"

Part No.	Qty	Description
TM3816	1 Set	16 Piece Set

16 x Regular Sockets, 6 point: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm

TENG TOOLS 1/2" Drive Regular Socket Set - 12 Point

Supplied on a socket rail.

1/2"

Part No.	Qty	Description
TM1215MM	1 Set	15 Piece Set

15 x Sizes: 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm

Socket Rails

1/4" 3/8" 1/2"

Supplied complete with 16 spring steel socket clips. (Sockets NOT included).

Part No.	Qty	Drive	Length
TL8012	1 Set	1/2"	410 mm
TL8014	1 Set	1/4"	410 mm
TL8038	1 Set	3/8"	410 mm

KS TOOLS 'CHROMEplus®' 1/4" Drive Deep Socket Set

Chrome plated, mirror polished. DIN 3124, ISO 2725. Supplied on a socket rail. 1/4"

Part No.	Qty	Description
K918.0610	1 Set	10 Piece Set

10 x Sizes: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 mm.

TENG TOOLS 1/4" Drive Deep Socket Set - 6 Point

Supplied on a socket rail. 1/4"

Part No.	Qty	Description
TM1407	1 Set	9 Piece Set

9 x Deep Sockets 6-pt: 4, 5, 6, 7, 8, 9, 10, 12, 13 mm

KS TOOLS 'CHROMEplus®' 3/8" Drive Deep Socket Set

Chrome plated, mirror polished. DIN 3124, ISO 2725.
Supplied on a socket rail. 3/8"

Part No.	Qty	Description
K918.0611	1 Set	11 Piece Set

11 x Sizes: 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm.

TENG TOOLS 3/8" Drive Deep Socket Set - 6 Point

Supplied on a socket rail. 3/8"

Part No.	Qty	Description
TM3807	1 Set	7 Piece Set

7 x Deep Sockets 6-pt: 10, 12, 13, 14, 15, 17, 19 mm

TENG TOOLS 3/8" Drive Spark Plug Sockets - 6 Point

3/8"

Part No.	Qty	Size
TM380040	1	16 mm
TM380046	1	21 mm

KS TOOLS 'CHROMEplus®' 1/2" Drive Deep Socket Set

Chrome plated, mirror polished. DIN 3124, ISO 2725. Supplied on a socket rail. 1/2"

Part No.	Qty	Description
K918.0612	1 Set	10 Piece Set

10 x Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm.

TENG TOOLS 1/2" Drive Deep Socket Set - 6 Point

Supplied on a socket rail. 1/2"

Part No.	Qty	Description
TM1208-6	1 Set	8 Piece Set

8 x Sizes: 13, 14, 15, 16, 17, 18, 19, 24 mm

Temperature Sender Socket Set

Chrome plated. Allows access to difficult pipe connectors and wired sensor units (NOT Lambda). Ideal for the loosening of ABS pipes, master cylinder pipes, diesel injection pipes & wired sensors (coolant sensors, etc).

- **A great time saving tool when access is difficult.**

Part No.	Qty	Description
TL3860	1 Set	6 Piece Set

6 x Sizes: 10, 11, 12, 14, 17, 19 mm.

RG TOOLS 3/8" Dr VDE Socket Rail Set

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10504	1 Set	10 Piece Set

2 x 10 mm, 1 x 11 mm, 1 x 12 mm, 2 x 13 mm, 1 x 14 mm, 1 x 15 mm, 1 x 17mm, 1 x 19 mm.

RG TOOLS 1/2" Dr VDE Socket Rail Set

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

1/2"

Part No.	Qty	Description
RG10506	1 Set	10 Piece Set

2 x 10 mm, 1 x 11 mm, 1 x 12 mm, 2 x 13 mm, 1 x 14 mm, 1 x 16 mm, 1 x 17 mm, 1 x 19 mm.

KS TOOLS 3/8" Drive Hex Bit Sockets

Chrome plated, matt finish. Length: 50 mm.

Part No.	Qty	Size
K911.3863	1	3 mm
K911.3864	1	4 mm
K911.3865	1	5 mm
K911.3866	1	6 mm
K911.3867	1	7 mm
K911.3868	1	8 mm
K911.3862	1	12 mm

KS TOOLS 3/8" Drive TORX® Bit Sockets

Chrome plated, matt finish. Length: 50 mm.

Part No.	Qty	Size
K911.3887	1	T10
K911.3869	1	T15
K911.3870	1	T20
K911.3871	1	T25
K911.3872	1	T27
K911.3873	1	T30
K911.3874	1	T40
K911.3885	1	T45
K911.3884	1	T50
K911.3888	1	T55
K911.3889	1	T60

TENG TOOLS 1/4" Drive Regular Sockets - 6 Point

Part No.	Qty	Size
TM140504	1	4 mm
TM140505	1	5 mm
TM1405055	1	5.5 mm
TM140506	1	6 mm
TM140507	1	7 mm
TM140508	1	8 mm
TM140509	1	9 mm
TM140510	1	10 mm
TM140511	1	11 mm
TM140512	1	12 mm
TM140513	1	13 mm

KS TOOLS 'CHROMEplus®' 3/8" Drive Regular Sockets

Chrome plated, mirror polished. DIN 3124, ISO 2725.

Part No.	Qty	Size
K918.3937	1	7 mm
K918.3808	1	8 mm
K918.3809	1	9 mm
K918.3810	1	10 mm
K918.3811	1	11 mm
K918.3812	1	12 mm
K918.3813	1	13 mm
K918.3814	1	14 mm
K918.3815	1	15 mm
K918.3816	1	16 mm
K918.3817	1	17 mm
K918.3818	1	18 mm
K918.3819	1	19 mm

TENG TOOLS 3/8" Drive Regular Sockets - 6 Point

Part No.	Qty	Size
TM380507	1	7 mm
TM380508	1	8 mm
TM380509	1	9 mm
TM380510	1	10 mm
TM380511	1	11 mm
TM380512	1	12 mm
TM380513	1	13 mm
TM380514	1	14 mm
TM380515	1	15 mm
TM380516	1	16 mm
TM380517	1	17 mm
TM380518	1	18 mm
TM380519	1	19 mm
TM380520	1	20 mm
TM380521	1	21 mm
TM380522	1	22 mm

KS TOOLS 'CHROMEplus®' 1/2" Drive Regular Sockets

Chrome plated, mirror polished. DIN 3124, ISO 2725.

Part No.	Qty	Size
K918.1210	1	10 mm
K918.1211	1	11 mm
K918.1212	1	12 mm
K918.1213	1	13 mm
K918.1214	1	14 mm
K918.1215	1	15 mm
K918.1216	1	16 mm
K918.1217	1	17 mm
K918.1218	1	18 mm
K918.1219	1	19 mm
K918.1220	1	20 mm
K918.1221	1	21 mm
K918.1222	1	22 mm
K918.1224	1	24 mm
K918.1227	1	27 mm
K918.1232	1	32 mm
K918.1234	1	34 mm
K918.1236	1	36 mm

TENG TOOLS 1/2" Drive Regular Sockets - 12 Point

Part No.	Qty	Size
TM120508	1	8 mm
TM120509	1	9 mm
TM120510	1	10 mm
TM120511	1	11 mm
TM120512	1	12 mm
TM120513	1	13 mm
TM120514	1	14 mm
TM120515	1	15 mm
TM120516	1	16 mm
TM120517	1	17 mm
TM120518	1	18 mm
TM120519	1	19 mm
TM120520	1	20 mm
TM120521	1	21 mm
TM120522	1	22 mm
TM120523	1	23 mm
TM120524	1	24 mm
TM120525	1	25 mm
TM120526	1	26 mm
TM120527	1	27 mm
TM120528	1	28 mm
TM120529	1	29 mm
TM120530	1	30 mm
TM120532	1	32 mm

KS TOOLS 'CHROMEplus®' 1/4" Drive Deep Sockets

1/4"

Chrome plated, mirror polished. DIN 3124, ISO 2725.

Part No.	Qty	Size
K918.1424	1	4 mm
K918.1425	1	5 mm
K918.14255	1	5.5 mm
K918.1426	1	6 mm
K918.1427	1	7 mm
K918.1428	1	8 mm
K918.1429	1	9 mm
K918.1430	1	10 mm
K918.1431	1	11 mm
K918.1432	1	12 mm
K918.1433	1	13 mm

KS TOOLS 'CHROMEplus®' 3/8" Drive Deep Sockets

3/8"

Chrome plated, mirror polished. DIN 3124, ISO 2725.

Part No.	Qty	Size
K918.3828	1	8 mm
K918.3829	1	9 mm
K918.3830	1	10 mm
K918.3831	1	11 mm
K918.3832	1	12 mm
K918.3833	1	13 mm
K918.3834	1	14 mm
K918.3835	1	15 mm
K918.3836	1	16 mm
K918.3837	1	17mm
K918.3838	1	18 mm
K918.3839	1	19 mm

KS TOOLS 'CHROMEplus®' 1/2" Drive Deep Sockets

1/2"

Chrome plated, mirror polished. DIN 3124, ISO 2725.

Part No.	Qty	Size
K918.1240	1	10 mm
K918.1241	1	11 mm
K918.1242	1	12 mm
K918.1243	1	13 mm
K918.1244	1	14 mm
K918.1245	1	15 mm
K918.1246	1	16 mm
K918.1247	1	17 mm
K918.1248	1	18 mm
K918.1249	1	19 mm
K918.1260	1	20 mm
K918.1258	1	21 mm
K918.1252	1	22 mm
K918.1254	1	24 mm
K918.1257	1	27 mm

TENG TOOLS 1/4" Drive Deep Sockets - 6 Point

1/4"

Part No.	Qty	Size
TM140604	1	4 mm
TM140605	1	5 mm
TM1406055	1	5.5 mm
TM140606	1	6 mm
TM140607	1	7 mm
TM140608	1	8 mm
TM140609	1	9 mm
TM140610	1	10 mm
TM140611	1	11 mm
TM140612	1	12 mm
TM140613	1	13 mm

TENG TOOLS 3/8" Drive Deep Sockets - 6 Point

3/8"

Part No.	Qty	Size
TM380607	1	7 mm
TM380608	1	8 mm
TM380609	1	9 mm
TM380610	1	10 mm
TM380611	1	11 mm
TM380612	1	12 mm
TM380613	1	13 mm
TM380614	1	14 mm
TM380615	1	15 mm
TM380616	1	16 mm
TM380617	1	17 mm
TM380618	1	18 mm
TM380619	1	19 mm
TM380620	1	20 mm
TM380621	1	21 mm
TM380622	1	22 mm

TENG TOOLS 1/2" Drive Deep Sockets - 12 Point

1/2"

Part No.	Qty	Size
TM120610	1	10 mm
TM120611	1	11 mm
TM120612	1	12 mm
TM120613	1	13 mm
TM120614	1	14 mm
TM120615	1	15 mm
TM120616	1	16 mm
TM120617	1	17 mm
TM120618	1	18 mm
TM120619	1	19 mm
TM120620	1	20 mm
TM120621	1	21 mm
TM120622	1	22 mm
TM120624	1	24 mm
TM120627	1	27 mm
TM120630	1	30 mm
TM120632	1	32 mm
TM120636	1	36 mm

KS TOOLS
1/2" Drive Regular Impact Sockets

Chrome molybdenum steel, phosphate finish.
DIN 3129, ISO 2725. ½"

Part No.	Qty	Size
K515.1008	1	8 mm
K515.1009	1	9 mm
K515.1010	1	10 mm
K515.1011	1	11 mm
K515.1012	1	12 mm
K515.1013	1	13 mm
K515.1014	1	14 mm
K515.1015	1	15 mm
K515.1016	1	16 mm
K515.1017	1	17 mm
K515.1018	1	18 mm
K515.1019	1	19 mm
K515.1020	1	20 mm
K515.1021	1	21 mm
K515.1022	1	22 mm
K515.1023	1	23 mm
K515.1024	1	24 mm
K515.1025	1	25 mm
K515.1026	1	26 mm
K515.1027	1	27 mm
K515.1028	1	28 mm
K515.1029	1	29 mm
K515.1030	1	30 mm
K515.1031	1	31 mm
K515.1032	1	32 mm

TENG TOOLS
1/2" Drive Regular Impact Sockets ½"

Part No.	Qty	Size
T920510	1	10 mm
T920511	1	11 mm
T920512	1	12 mm
T920513	1	13 mm
T920514	1	14 mm
T920515	1	15 mm
T920516	1	16 mm
T920517	1	17 mm
T920518	1	18 mm
T920519	1	19 mm
T920521	1	21 mm
T920522	1	22 mm
T920524	1	24 mm

Looking for Impact Wrenches?

A range of Pneumatic Air Tools are available on Pages 236-237

KS TOOLS
1/2" Drive Deep Impact Sockets

Chrome molybdenum steel, phosphate finish. ½"

Part No.	Qty	Size
K515.1108	1	8 mm
K515.1109	1	9 mm
K515.1110	1	10 mm
K515.1111	1	11 mm
K515.1112	1	12 mm
K515.1113	1	13 mm
K515.1114	1	14 mm
K515.1115	1	15 mm
K515.1116	1	16 mm
K515.1117	1	17 mm
K515.1118	1	18 mm
K515.1119	1	19 mm
K515.1120	1	20 mm
K515.1121	1	21 mm
K515.1122	1	22 mm
K515.1123	1	23 mm
K515.1124	1	24 mm
K515.1125	1	25 mm
K515.1126	1	26 mm
K515.1127	1	27 mm
K515.1128	1	28 mm
K515.1129	1	29 mm
K515.1130	1	30 mm
K515.1131	1	31 mm
K515.1132	1	32 mm

RGTOOLS

RG TOOLS
1/2" Drive Impact Deep Socket Set

Chrome molybdenum alloy steel.
Polypropylene covered.
Supplied in a robust plastic storage case.

- **Colour coded for ease of identification**
- **Protective sleeve helps prevent damage to alloy wheels**

Part No.	Qty	Description
RG10230	1 Set	3 Piece Set
3 x Sizes: 17, 19, 21 mm.		

RGTOOLS

RG TOOLS
1/2" Drive Impact Deep Socket Set

Chrome molybdenum alloy steel. Electro-deposit finish.
Polypropylene covered.
Supplied in a robust plastic storage case.

- **Colour coded for ease of identification**
- **Protective sleeve helps prevent damage to alloy wheels**

Part No.	Qty	Description
RG10232	1 Set	3 Piece Set
3 x Sizes: 17, 19, 21 mm.		

TENG TOOLS 1/2" Drive Deep Impact Sockets

½"

Part No.	Qty	Size
T920610	1	10 mm
T920611	1	11 mm
T920612	1	12 mm
T920613	1	13 mm
T920614	1	14 mm
T920615	1	15 mm
T920616	1	16 mm
T920617	1	17 mm
T920618	1	18 mm
T920619	1	19 mm
T920621	1	21 mm
T920622	1	22 mm
T920624	1	24 mm
T920627	1	27 mm
T920628	1	28 mm
T920629	1	29 mm
T920630	1	30 mm
T920632	1	32 mm
T920635	1	35 mm
T920636	1	36 mm

KS TOOLS 1" Drive 'Slim Line' Impact Sockets

Special steel, hardened.
Slim line/medium version. Length: 76 mm.

1"

Part No.	Qty	Size
K515.2124	1	24 mm
K515.2127	1	27 mm
K515.2130	1	30 mm
K515.2133	1	33 mm

TENG TOOLS 3/4" Drive Deep Impact Sockets

¾"

Part No.	Qty	Size
T940622	1	22 mm
T940624	1	24 mm
T940627	1	27 mm
T940630	1	30 mm
T940632	1	32 mm
T940633	1	33 mm
T940636	1	36 mm

TENG TOOLS 1" Drive Deep Impact Sockets

1"

Part No.	Qty	Size
T910630R	1	30 mm
T910632R	1	32 mm
T910633R	1	33 mm

TENG TOOLS Impact Drive Reducers - Ball Bearing Type

Regular 6 point.

Part No.	Qty	Size
T980035	1	3/8" F : 1/4" M

TENG TOOLS 1/2" Drive Impact Universal Joint - Hole/Pin Type

½"

Part No.	Qty	Description
T920030	1	Universal Joint

TENG TOOLS 1/2" Drive Impact Extensions - Hole/Pin Type

½"

Part No.	Qty	Length
T920020	1	3"
T920021	1	5"
T920023	1	10"

TENG TOOLS Impact Drive Adaptors - Hole/Pin Type

Regular 6 point.

Part No.	Qty	Size
T980036	1	3/8" F : 1/2" M
T920037	1	1/2" F : 3/4" M
T940085	1	3/4" F : 1" M

TENG TOOLS Impact Drive Reducers - Hole/Pin Type

Regular 6 point.

Part No.	Qty	Size
T920036	1	1/2" F : 3/8" M
T940037	1	3/4" F : 1/2" M
T910086	1	1" F : 3/4" M

KS TOOLS 1/2" Drive TORX® E-Profile Impact Socket Set

Chrome molybdenum steel, phosphate finish.
Supplied in a robust plastic storage case.

½"

Part No.	Qty	Description
K515.1050	1 Set	9 Piece Set

9 x Sizes: E10, E11, E12, E14, E16, E18, E20, E22, E24.

KS TOOLS 1/2" Drive TORX® Impact Bit Socket Set

Chrome molybdenum steel, phosphate finish.
Supplied in a robust plastic storage case.

½"

Part No.	Qty	Description
K911.0901	1 Set	8 Piece Set

8 x Sizes: T30, T40, T45, T50, T55, T60, T70, T80.

TENG TOOLS 1/2" Drive Deep Impact Socket Set

Supplied on a socket rail.

½"

Part No.	Qty	Description
T9126	1 Set	10 Piece Set

10 x Sizes: 10, 11, 12, 13, 14, 17, 19, 21, 22, 24 mm.

TENG TOOLS 1/2" Drive Regular Impact Socket Set

Supplied on a socket rail.

½"

Part No.	Qty	Description
T9121	1 Set	10 Piece Set

10 x Sizes: 10, 11, 12, 13, 14, 17, 19, 21, 22, 24 mm.

TENG TOOLS 1/2" Drive Deep Impact Socket Set

DIN standard design for use with a retaining pin and ring (included).
Chrome molybdenum for use with power tools.
Supplied in a robust plastic storage tool tray.

½"

Part No.	Qty	Description
TTT9120DN	1 Set	20 Piece Set

8 x Regular Sockets: 13, 15, 16, 17, 18, 19, 22, 24 mm.
8 x Deep Sockets: 13, 15, 16, 17, 18, 19, 22, 24 mm.
2 x Retaining Pins: 3 x 20, 3 x 25 mm.
2 x Retaining Rings: 19 x 4.0, 24 x 4.0 mm.

TENG TOOLS 1/2" Drive Impact Socket Set

Supplied in a plastic storage box with rubber feet to prevent sliding.

½"

Part No.	Qty	Description
TT9222L	1 Set	22 Piece Set

22 x Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 28, 29, 30, 32 mm

RG TOOLS

NEW

RG TOOLS 1/2" Drive Torsion Wheel Nut Set

Chrome molybdenum alloy steel.
Polycarbonate covered.
Supplied in a robust plastic storage case.

- **20% lighter than standard wheel nut sockets**
- **Torsion absorbing zone in the middle of the socket prevents damage to the bolt heads**

½"

Part No.	Qty	Description
RG10272	1 Set	**3 Piece Set**

3 x Sizes: 17, 19, 21 mm.

RG TOOLS

NEW

RG TOOLS 1/2" Drive Impact Wheel Nut Set

Chrome molybdenum alloy steel. Phosphate sunk finish.
Supplied in a robust plastic storage case.

- **Extra long deep impact sockets**

½"

Part No.	Qty	Description
RG10270	1 Set	**3 Piece Set**

3 x Sizes: 17, 19, 21 mm x 150 mm long sockets.

RG TOOLS

NEW

RG TOOLS 1/2" Drive Impact Deep Socket Set

Chrome molybdenum alloy steel.
Polypropylene covered.
Supplied in a robust plastic storage case.

- **Colour coded for ease of identification**
- **Protective sleeve helps prevent damage to alloy wheels**

½"

Part No.	Qty	Description
RG10230	1 Set	**3 Piece Set**

3 x Sizes: 17, 19, 21 mm.

RG TOOLS

NEW

RG TOOLS 1/2" Drive Impact Deep Socket Set

Chrome molybdenum alloy steel. Electro-deposit finish.
Polypropylene covered.
Supplied in a robust plastic storage case.

- **Colour coded for ease of identification**
- **Protective sleeve helps prevent damage to alloy wheels**

½"

Part No.	Qty	Description
RG10232	1 Set	**3 Piece Set**

3 x Sizes: 17, 19, 21 mm.

RG TOOLS

NEW

RG TOOLS 1/2" Drive Cordless Impact Wrench

Complete with 2x Li-ion 20V/4000mAh batteries and mains charging adaptor.
Supplied in a robust plastic storage case.

- **3-speed gearbox with variable speed trigger for superior and precise control**
- **1/2" shaft output with up to 1300 torque**
- **On-board LED light for better visibility**
- **Part of the 'one battery fits all' range**

½"

Part No.	Qty	Description
RG10000	1	**Cordless Impact Wrench**

RG TOOLS

RG TOOLS Battery

Spare battery for use with the RG TOOLS Cordless Power Tool Range.

Part No.	Qty	Description
RG10004	1	**Battery 4.0A**

KS TOOLS GERMANY

KS TOOLS
1/2" Drive
Impact Driver Set

5/16" Drive impact bits.
Includes 1/2" drive impact bit 5/16" hex adaptor
and retaining ring. Supplied in a robust plastic storage case.

- **Suitable for loosening tight screws**
- **The use of hammer on the screwdriver prevents the bit slipping from the screw head**
- **The blow of the hammer also results in a 1/4 right or left turn of the screw (Parable Mechanism)**

½"

Part No.	Qty	Description
K515.1003	1 Set	**11 Piece Set**

1 x Hand Impact Driver, 1/2". 1 x Impact Bit Adaptor with retaining ring: 1/2" x 5/16".
9 x Impact Bits 5/16", 36 mm: 6 x Slotted: 5, 6, 8, 10, 12, 14 mm. 3 x PHILLIPS': PH1, PH2, PH3.

LASER
3/8" Drive
Impact Driver Set

Can also be to use as 1/2" Drive Handle. Supplied in a metal case.

⅜"

Part No.	Qty	Description
TL480	1 Set	**7 Piece Set**

1 x Hand Impact Driver, 3/8". 1 x Impact Bit Adaptor: 3/8" x 5/16". Impact Bits 5/16", 8 mm: 2 x Slotted: 8, 10 mm.
3 x PH: PH2, PH3, PH4.

TENGTOOLS

TENG TOOLS
1/2" Drive Impact Driver Set

Heavy duty with reversible action. Supplied in a plastic storage case.

½"

Part No.	Qty	Description
TID515	1 Set	**15 Piece Set**

1 x Hand Impact Driver, 1/2" with reversible action. 1 x Impact Bit Adaptor: 1/2" x 5/16".
1 x Drive Adaptor 5/16" Hex: 3/8" Drive. 12 x Impact Bits 5/16", 36 mm: 4 x Slotted: 6, 8, 10, 12 mm.
4 x PH: PH1, PH2, PH3, PH4. 4 x Hex: 4, 5, 6, 8 mm.

TENGTOOLS

TENG TOOLS
5/16" Dr. Impact Driver Bits Set

Suitable for use with Part No. TID515.

Part No.	Qty	Description
TID515BIT	1 Set	**13 Piece Set**

1 x Drive Adaptor 5/16" Hex: 3/8" Drive. 12 x Impact Bits 5/16", 36 mm. 4 x Slotted: 6, 8, 10, 12 mm.
4 x PH: PH1, PH2, PH3, PH4. 4 x Hex: 4, 5, 6, 8 mm.

ABRACS abrasives and accessories

ABRACS
Impact Screwdriver Bit Set

Contains a range of popular sized impact bits and accessories.
Supplied in plastic storage case.

Part No.	Qty	Description
TL471	1 Kit	**42 Piece Set**

Contents: **25mm** - 1 x H3, 1 x H4, 1 x H5, 1 x H6, 2 x T15, 2 x T20, 2 x T25, 1 x T30, 1 x SL4, 1 x SL5, 1 x SL6, 2 x PH1, 2 x PH2, 2 x PH3, 1 x PH4, 2 x PZ1, 2 x PZ2, 2 x PZ3, 1 x PZ4.
50mm - 1 x T20, 1 x PH1, 1 x PH2, 1 x PH3, 1 x PZ1, 1 x PZ2, 1 x PZ3.
90mm - 1 x T20, 1 x PH2, 1 x PH3, 1 x PZ2, 1 x PZ3
1 x Impact Bit Holder & 25mm PZ2 Bit...

RGTOOLS

RG TOOLS
Cordless Impact Driver

Complete with 1x Li-ion 20V/4000mAh
battery and mains charging adaptor.
Supplied in a robust plastic storage case.

- **Brushless motor offers high efficiency, low noise & smooth operation**
- **1/4" HEX dr quick chuck**
- **On-board LED light for better visibility**
- **Fast, medium and slow impact modes**
- **Part of the 'one battery fits all' range**

Part No.	Qty	Description
RG10020	1	**Cordless Impact Driver**

RGTOOLS

RG TOOLS
Battery

Spare battery for use with the
RG TOOLS Cordless Power Tool Range.

Part No.	Qty	Description
RG10004	1	**Battery 4.0A**

500

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503

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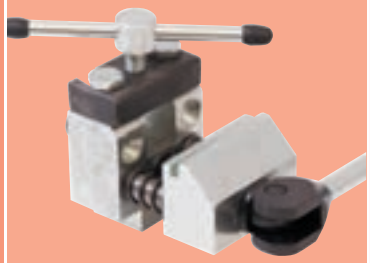
505


506

Specialist Tools

500 Torque Wrenches
502 Wheel Tools
505 Brake Tools
508 Stud Removal Tools
509 Hooks, Picks + Trim Clip Tools
510 Oil Filter Removal Tools
511 Windscreen Tools
513 Inspection + Pickup Tools
514 VDE Tools
517 Testing Tools

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KS TOOLS GERMANY

KS TOOLS 'ERGOTORQUE® Precision' Torque Wrenches

1/4" 3/8" 1/2"

Square drive 'Ball Lock' mushroom key included.
Supplied with calibration certificate guaranteeing accuracy to ±3% according to DIN EN ISO 6789.

Part No.	Qty	Nm	lbf-ft	Scale	Length	Head Ø	Head H.	Weight	Drive Hole	Key Drive
K516.1412	1	5 - 25	0.8 - 18	0.10	289 mm	35 mm	18 mm	460g	3/8"	1/4"
K516.1422	1	10 - 50	4 - 37	0.25	350 mm	45 mm	23 mm	610g	1/2"	3/8"
K516.1432	1	20 - 100	8 - 75	0.50	412 mm	45 mm	23 mm	910g	1/2"	1/2"
K516.1442	1	40 - 200	15 - 150	1.00	500 mm	45 mm	23 mm	1300g	1/2"	1/2"
K516.1482	1	80 - 420	60 - 310	1.00	678 mm	45 mm	23 mm	2100g	1/2"	1/2"

KS TOOLS GERMANY

KS TOOLS Torque Wrench Mushroom Keys

Drive size adaptors

- **Polished ratchet head has a very robust mechanism with left and right function which can be changed easily by reversing the mushroom key head drive.**

Part No.	Qty	Drive Size	Suits Part No.'s	Colour
K516.1408	1	3/8" x 1/4"	K516.1412	Red
K516.1413	1	3/8"	K516.1412	Black
K516.1423	1	1/2" x 3/8"	K516.1432, K516.1442, K516.1482 & K516.1942	Black

KS TOOLS GERMANY

KS TOOLS Torque Wrench 'Ball Lock' Mushroom Key

Drive size adaptor to DIN 3120/ISO 1174.

- **Ball lock with push-button quick release function**

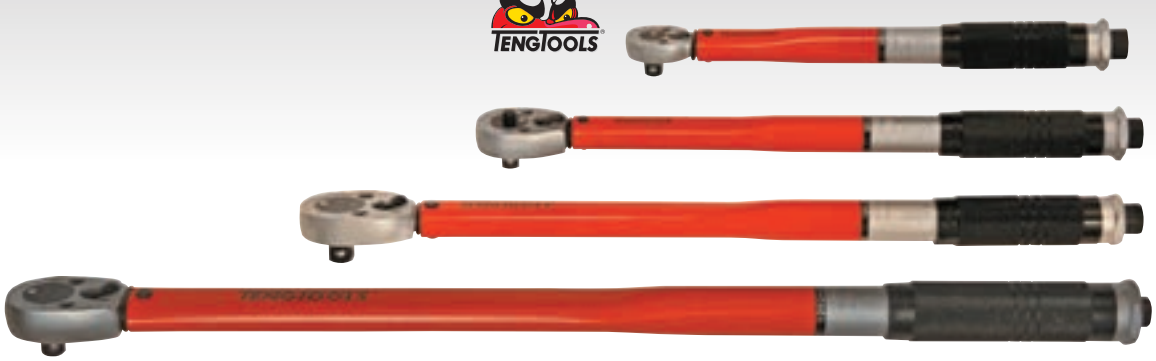
Part No.	Qty	Drive Size	Suits Part No.'s	Colour
K516.1448	1	1/2"	K516.1432, K516.1442, K516.1482 & K516.1942	Red

KS TOOLS GERMANY

KS TOOLS Torque Wrench T-Grip Keys

Designed to allow the fast pre-tightening of bolts to within torque range, saving valuable time.

Part No.	Qty	Drive Size	Suits Part No.
K516.1404	1	3/8" x 1/4"	K516.1412
K516.1414	1	3/8"	K516.1412
K516.1424	1	1/2" x 3/8"	K516.1432, K516.1442, K516.1482 & K516.1942
K516.1444	1	1/2"	K516.1432, K516.1442, K516.1482 & K516.1942



TENG TOOLS Drive Torque Wrenches

DIN 3122.

- For both tightening and final checking of torque
- Angular gauge for after tightening
- Graduated in Nm and lbs/ft
- Lockable setting
- Degree scale for after tightening of cylinder heads
- Accuracy ±4%
- Reversible with lever (right hand action for torque checking only)
- Satin finish with rubber handle
- Comes with factory calibration certificate

3/8" 1/2"

Part No.	Qty	Range		Length	Drive
T3892AG-E1	1	5 - 25 Nm	(4 - 18 ft.lb)	277 mm	3/8"
T3892AG-E3	1	20 - 110 Nm	(15 - 75 ft.lb)	368 mm	3/8"
T1292AG-EP	1	40 - 200 Nm	(30 - 150 ft.lb)	465 mm	1/2"
T1292AG-E4	1	70 - 350 Nm	(50 - 250 ft.lb)	632 mm	1/2"

KS TOOLS 'TRUCKplus' 1" Drive Impact Torque Multiplier, Ratio 1:64

Robust tool for loosening and tightening of fast bolts. Planet gearing ensures an increase torque ratio of 1:64.

- The compact and easy to store torque multiplier is essential for all HGV's, agricultural machinery and building equipment.
- Input Torque: 62.5 Nm Max
- Output Torque: 4000 Nm Max
- Weight: 8.5 Kg

1"

Part No.	Qty	Description
K516.1150	1 Set	5 Piece Set

1 x Impact torque convertor, 1": 3 Pieces.
2 x Impact Sockets, 1" Dr.: 30, 32 mm.

TENG TOOLS P-Series Industrial Torque Wrench

Comes with a factory calibration certificate and supplied in a handy storage case.

- Click type mechanism to signal when the required torque is reached
- Locking button to ensure the set torque is securely maintained
- Compact head for easier use in confined spaces
- Ergonomic bi-material grip for added comfort
- Accurate to +/- 4% and conforms to ISO6789 for assured accuracy

3/8" 1/2"

Part No.	Qty	Range	Length	Drive
T3892P100	1	40-200 Nm (30 - 150 ft.lb)	410 mm	1/2"
T1292P200	1	20-100 Nm (15 - 75 ft.lb)	410 mm	3/8"

KS TOOLS Mechanics Anti-Vibration Gel Gloves

Absorbs and dissipates repeated impacts and shocks.

- Designed for handling power tools, industrial tools and any tools with repetitive vibration

Part No.	Qty	Size
K310.0250	1 Pair	L
K310.0255	1 Pair	XL
K310.0260	1 Pair	XXL

Tyre Bath

- For identifying the location of punctures or bead leaks in car tyres or inner tubes

* Ships directly from the supplier

Part No.	Qty	Description	Dimensions (L x W x D)
TY1101N *	1	Tyre Bath	90 x 49 x 33 cm

Wheel Chock - Commercial

Natural/SBR Rubber. Dimensions (L x W x H): 230 x 160 x 205 mm..

Part No.	Qty	Description	Max Load	Weight
TY174	1	Wheel Chock	44 Tonnes	3.6 kg

OMEGALIFT

OMEGA Axle Stands - Low Entry

Dimensions: (L x W x H): 208 x 108 x 284 mm.

- Fitted with base plates to ensure even distribution of the load

Part No.	Qty	Capacity (Per Pair)	Max Height	Min Height
TY1014	Set of 2	2.8 Tonnes	450 mm	305 mm

COMPAC

COMPAC Hydraulic Trolley Jack

- Low entry height
- Lift and turn lowering system prevents unintentional lowering
- Additional foot pedal pumping feature provides fast saddle raising to the load
- Pressure relief valve prevents overloading
- Safety lowering control valve for safe lowering even under load

* Ships directly from the supplier

Part No.	Qty	Llifting Capacity	Lifting Height	Chassis Length
TY1020 *	1	2 Tonnes	500 mm	720 mm

COMPAC

COMPAC Axle Stands - Low Entry Screw Type

Weight: 11.8 kg each.
Fully welded structure in high quality steel.
Solid pillars. Solid spindles.

- Fitted with base plates to ensure even distribution of the load
- Designed specifically for Low-Entry applications

Part No.	Qty	Capacity (Per Pair)	Max Height	Min Height
TY1011	Set of 2	24 Tonnes	500 mm	340 mm

selson

SELSON Air Jack Bellows - 2 Bag Type

Complete with extensions.
Working pressure: 100 psi.

- **Fast and friendly**
- **Designed for stability**
- **Overload safety valve**
- **Only one airline required**

Part No.	Qty	Lifting Capacity	Lifting Height	Min Height
TY1000	1	**2.5 Tonnes**	340 mm	130 mm

OMEGALIFT

OMEGA Extra Low Bottle Jack - Hydraulic

Weight: 9.4 kg.

Part No.	Qty	Capacity	Max Height	Min Height
TY1005	1	**20 Tonnes**	285 mm	165 mm

OMEGALIFT

OMEGA Bottle Jack - Air/Hydraulic

Weight: 39 lbs.

Part No.	Qty	Capacity	Max Height	Min Height
TY1002	1	**20 Tonnes**	18 1/4"	9 1/2"

OMEGALIFT

OMEGA Bottle Jack - Hydraulic

Weight: 12.5 kg. Fabricated from hard-cast steel with heat-treated critical stress areas.

- **Hydraulic system is protected from internal damage by a patented by-pass mechanism**
- **Machined and polished cylinders with die-cut threads provide non-abrasive leak-free, durable performance**

Part No.	Qty	Capacity	Max Height	Min Height
TY1006	1	**20 Tonnes**	475 mm	242 mm

WINNTEC

WINNTEC Low Bottle Jack - Air/Hydraulic

Weight: 10 kg.

Part No.	Qty	Capacity	Max Height	Min Height
TY1003	1	**20 Tonnes**	261 mm	146 mm

MEGA

MEGA Bottle Jack - Air/Hydraulic

Supplied with hose and trigger.
Operating pressure: 7 bar/100 psi.
Weight: 15.5 kg.

- **Can also be operated manually as an alternative to the normal air/hydraulic using the pump and supplied pump handle**
- **Heavy duty saddle**
- **Integrated carrying handle**

Part No.	Qty	Lifting Capacity	Max Height	Min Height
TY1001	1	**30 Ton**	447 mm	234 mm

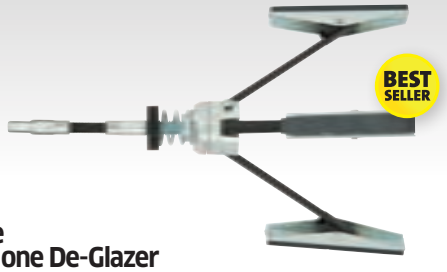
MEGA

MEGA Bottle Jack - Hydraulic

Weight: 14.5 kg. High quality lifting jacks manufactured to meet rigid safety and quality standards. Suppied with pump handle.

- **Heavy duty saddle**
- **Integrated carrying handle**

Part No.	Qty	Capacity	Max Height	Min Height
TY1004	1	**30 Ton**	467 mm	242 mm



HORIZON Adjustable Cylinder Hone De-Glazer

2" - 7" (51 - 178 mm) capacity with three 4" medium stones.
Operated by any standard power tool.

Part No.	Qty	Description
TNH325	1 Set	Cylinder Hone De-Glazer

HORIZON Hone Stone Replacements

Part No.	Qty	Length	Grit	Suits Part No.
TNH324	Set of 3	3"	220 Grit (Medium)	TNH325
TNH326-1	Set of 3	4"	400 Grit (Fine)	TNH325
TNH326	Set of 3	4"	220 Grit (Medium)	TNH325
TNH326-3	Set of 3	4"	100 Grit (Coarse)	TNH325

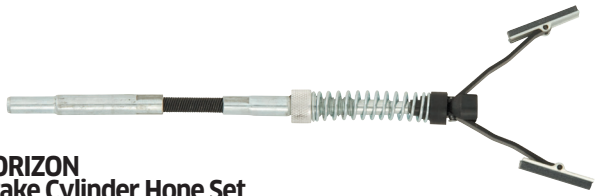
HORIZON Brake Cylinder Hone Set

Adjustable with 3 x 1 1/8" stones. For cylinders 3/4" - 2 1/2" (19 - 64 mm)

Part No.	Qty	Description
TNH310	1 Set	Brake Cylinder Hone Set

HORIZON Hone Stone Replacements

Part No.	Qty	Length	Grit	Suits Part No.s
TNH311	Set of 3	1 1/8"	220 Grit (Medium)	TNH310, TNH330



HORIZON Brake Cylinder Hone Set for Small Cars

Adjustable with 2 x 1 1/8" stones. For most brake cylinders 1/2" - 2 1/2" (13 - 64 mm).

Part No.	Qty	Description
TNH315	1 Set	Brake Cylinder Hone Set

HORIZON Hone Stone Replacements

Part No.	Qty	Length	Grit	Suits Part No.s
TNH316	Set of 2	1 1/8"	220 Grit (Medium)	TNH315, TNH330

HORIZON Disc Brake/Small Engine Cylinder Hone Set

Adjustable with 3 x 2" stones. For cylinders 1 1/4" - 3 1/2" (32 - 89 mm).

Part No.	Qty	Description
TNH320	1 Set	Disc Brake Cylinder Hone Set

HORIZON Hone Stone Replacements

Part No.	Qty	Length	Grit	Suits Part No.s
TNH321	Set of 3	2"	220 Grit (Medium)	TNH320, TNH330

HORIZON Four-In-One Hones Kit

Part No.	Qty	Description
TNH330	1 Kit	14 Piece Kit

Brake Cylinder Hone for small cars: (5/8" - 2 1/4", 16 - 57 mm). Small collar. 2-leg assembly. 2 x 118" stones.
Brake Cylinder Hone: (3/4" - 2 1/2", 19 - 64 mm). Medium collar. Medium 3-leg assembly. 3 x 118" stones.
Disc Brake Cylinder Hone: (1 1/4" - 3 1/2", 32 - 89 mm). Large collar. Large 3-leg assembly. 3 x 3/4" stones.
Small Engine Cylinder Hone: (1 1/4" - 3 1/2", 32 - 89 mm). Large collar. Large 3-leg assembly. 3 x 2" stones

HORIZON Hone Stone Replacements

Part No.	Qty	Length	Grit	Suits Part No.s
TNH316	Set of 2	1 1/8"	220 Grit (Medium)	TNH315, TNH330
TNH311	Set of 3	1 1/8"	220 Grit (Medium)	TNH310, TNH330
TNH321	Set of 3	2"	220 Grit (Medium)	TNH320, TNH330

TENG TOOLS
2-In1 Puller Set

Three-legged combination puller with an extra yoke for switching to two legged pulling. Supplied in a tool tray.

- **Reversible legs for internal and external grip.**

Part No.	Qty	Description
TTT804	1 Set	**6 Piece Set**

Combination twin/triple 6" leg puller with 4" capacity.

One Man
Pressure Bleeder Kit

Ideal for brake fluids works from air pressure via the car tyre valve.

Part No.	Qty	Capacity
TL7225	1 Kit	**400ml**

KS TOOLS
Mechanical 2 and 3 Leg Puller

Convertible 2 and 3 leg puller sizes 4" to 85 mm.
The puller legs can be used internally or externally.

Part No.	Qty	Size
K700.1120	1 Set	**4" to 85 mm**

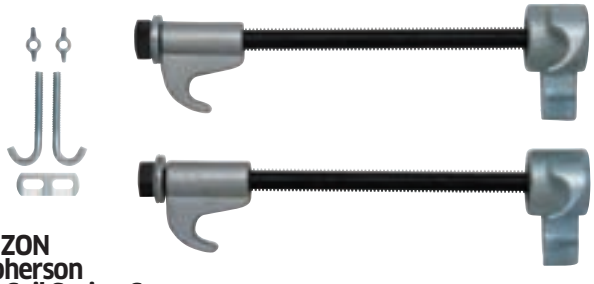
3 Forged puller legs with precisely ground pulling lugs.
Forged yoke for 2 or 3 legs.
Thrust bolt, fine thread 3/8" x 24 turns, Ø 13 mm, length 120 mm.

KS TOOLS
Mechanical 2 and 3 Leg Puller

Convertible 2 and 3 leg puller sizes 6" to 145 mm.
The puller legs can be used internally or externally.

Part No.	Qty	Size
K700.1130	1 Set	**6" to 145 mm**

3 Forged puller legs with precisely ground pulling lugs. Forged yoke for 2 or 3 legs.
Thrust bolt, fine thread 3/8" x 1.25, Ø 16 mm, length 175 mm.



HORIZON
Macpherson
Strut Coil Spring Compressor

Use to compress the coil spring to replace shock absorber, spring sets, repair bent strut or strut tube and repair damaged spindle. Includes safety hooks and instructions.

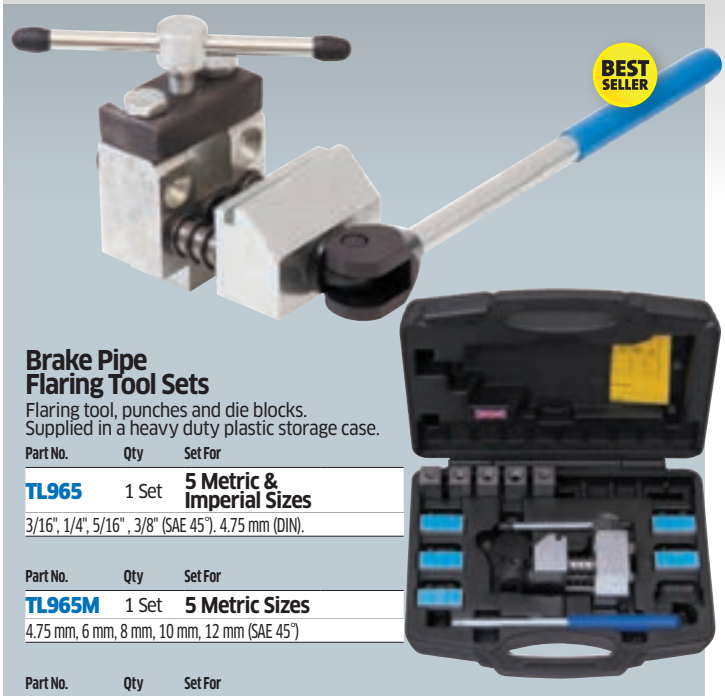
Part No.	Qty	Description
TNH900	1 Set	**Spring Compressor**

LASER Evacuation/
Dispensing Pump

Removes fluid from overfilled cooling systems or expansion bottles.

- **Metric and imperial measures.**
- **Polycarbonate tube with aluminium cap and handle.**

Part No.	Qty	Capacity
TL7400	1	**1 Litre**



Brake Pipe Flaring Tool Sets

Flaring tool, punches and die blocks.
Supplied in a heavy duty plastic storage case.

Part No.	Qty	Set For
TL965	1 Set	5 Metric & Imperial Sizes

3/16", 1/4", 5/16", 3/8" (SAE 45°). 4.75 mm (DIN).

Part No.	Qty	Set For
TL965M	1 Set	5 Metric Sizes

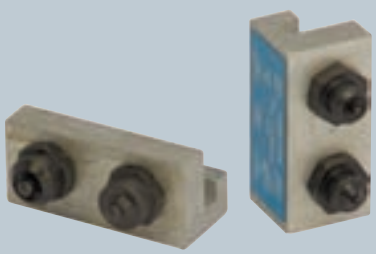
4.75 mm, 6 mm, 8 mm, 10 mm, 12 mm (SAE 45°)

Part No.	Qty	Set For
TL962	1 Set	2 Metric & Imperial Sizes

3/16" (SAE 45°). 4.75 mm (DIN).

Die Blocks

Part No.	Qty	Size	Type
TL976	1 Pair	3/16"	SAE 45°
TL977	1 Pair	1/4"	SAE 45°
TL978	1 Pair	5/16"	SAE 45°
TL979	1 Pair	3/8"	SAE 45°
TL980	1 Pair	1/2"	SAE 45°
TL981	1 Pair	4.75 mm	DIN
TL986	1 Pair	4.75 mm	SAE 45°
TL982	1 Pair	6 mm	SAE 45°
TL983	1 Pair	8 mm	SAE 45°
TL984	1 Pair	10 mm	SAE 45°
TL985	1 Pair	12 mm	SAE 45°



Punches

Part No.	Qty	Sizes		Type
TL971	1	3/16"	4.75 mm	SAE 45°
TL972	1	1/4"	6 mm	SAE 45°
TL973	1	5/16"	8 mm	SAE 45°
TL974	1	3/8"	10 mm	SAE 45°
TL975	1	1/2"	12 mm	SAE 45°
TL970	1	4.75 mm		DIN

Metric Double Flaring Tool Set

Automotive 45°.
Supplied in a robust plastic storage case.

- **For double flaring soft steel tubing, and single flaring soft copper, aluminium and brass tubing.**

Part No.	Qty	Description
TNH826	1 Set	Double Flaring Tool Set

1 x Compressor yoke. 5 x Double flare adaptors: 4.75, 5, 6, 8, 10 mm. 1 x Die holding bar.

KS TOOLS GERMANY

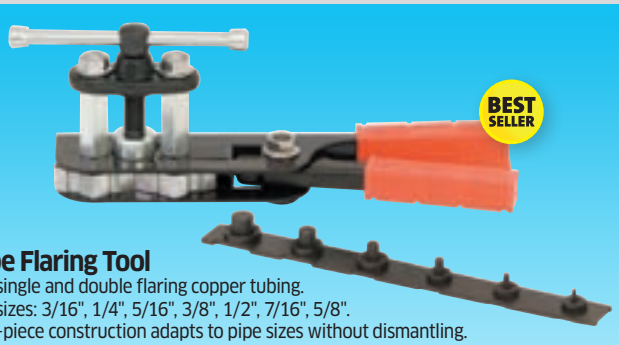
KS TOOLS Universal Master Flaring Tool Set

Supplied in a heavy duty plastic storage case.

- **Complete range including shearing tool/bender and tube cutter for professional flaring.**

Part No.	Qty	Description
K122.1290	1 Set	15 Piece Set

3 x Clamping jaws sets: 4.75, 5.00, 6.00 mm.
3 x Flange pins SAE: 4.75 + 5.00 mm - OP1, 6.00 mm - OP1, 4.75 + 5.00 mm + 6.00 - OP2.
2 x Flange pins DIN: 4.75 + 5.00 mm, 6.00 mm.
1 x Locking screw: M12 x 1.25. 1 x Base body.
1 x Hydraulic spindle with toggle: 2 pieces.
1 x Grab handle. 1 x 3-in-1 mini bender.
1 x Internal deburrer
1 x Mini pipe cutter.

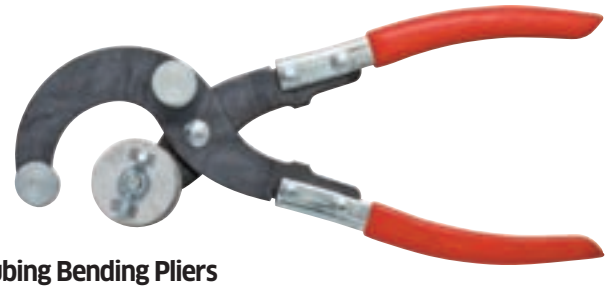


Pipe Flaring Tool

For single and double flaring copper tubing.
For sizes: 3/16", 1/4", 5/16", 3/8", 1/2", 7/16", 5/8".
One-piece construction adapts to pipe sizes without dismantling.

- **Metal Flare.**
- **Female Flare.**
- **Double Flare.**

Part No.	Qty	Description
TL961	1	Flaring Tool
TL961R	1	Replacement Form Bar



Tubing Bending Pliers

For 3/16", 1/4", 5/16" and 3/8" dia copper and steel tubing.

Part No.	Qty	Description
TNH765	1	Tubing Bending Pliers

KS TOOLS GERMANY

KS TOOLS 3-in-1 Mini Pipe Bender

For pipes Ø: 1/8" (3 mm), 3/16" (4,75 mm),
1/4" (6 mm). Suitable for bronze, brass, aluminium and soft steel pipe.
For 3 dimensions without change to the bend segment, bend radius and bend form.
Bends to a 90° angle. Length: 140 mm.

Part No.	Qty	Description
K120.1050	1	Mini Pipe Bender

KS TOOLS GERMANY

KS TOOLS Brake Piston Wind Back Kit

Complete range of adaptor plates and spindles.
Includes left and right turning spindles. Supplied in a robust plastic storage case.

Part No.	Qty	Description
K150.2035	1 Set	**18 Piece Set**

Adaptor No. - Make and model:
0 - GM.
2 - CITROËN XM, Xantia, etc.
3 - ALFA ROMEO, AUDI, AUSTIN, BMW, FORD, HONDA, JAGUAR, MERCEDES-BENZ, MITSUBISHI, NISSAN, ROVER, TOYOTA, VW.
4 - ALFA ROMEO, 164 2.0., FORD, MAZDA, SAAB 9000, SUBARU.
5 - Adaptor with 3/8" female square.
6 - NISSAN Primera, VW Golf IV.
7 - AUDI 80, 90, V8+100, HONDA Prelude, FORD Sierra ABS + Scorpio from 85, NISSAN, Silvia, 1.8 Turbo, ROVER 8000, SAAB 9000, SUBARU L+ Z, VW Golf, Passat.
8 - GM.
9 - GM.
G - VAUXHALL Astra.
Z - RENAULT.
M - FORD.
N - SAAB, HONDA.
K - CITROËN.
E - NISSAN Maxima.

KS TOOLS GERMANY

KS TOOLS Brake Piston Return Tool Set

Supplied in a heavy duty plastic storage case.

- **The latest comprehensive selection including various adaptor plates & accessories**

Part No.	Qty	Description
K150.1970	1 Set	**41 Piece Set**

30 x Adaptors plates. 2 x Pressure spindle, left and right operation.
2 x Brake block pin punches, with and without pilot pins. 2 x Hexagonal recessed Allen key with handle, SW6 + 7 mm.
4 x Counter hold supporting plates (2 x open and 2 x closed) 1 x Grease dispenser.

KS TOOLS
Twist Socket Set

Chrome molybdenum steel, phosphate finish.
Supplied in a robust plastic storage case.

- **Release and unscrew tight nuts and bolts with damaged threads or rounded heads**
- **Extra flat and compact design**
- **Special left handed thread, 6 conical reducing cutting edges**
- **Drive with either socket, ring or open-ended spanners**

Part No.	Qty	Description
K913.3880	1 Set	**10 Piece Set**

10 x Sizes: 9, 10, 11, 12, 13, 14, 15, 16, 17, 19 mm.

KS TOOLS
1/2" Drive Extra Long Special Twist Socket Set

Chrome molybdenum steel, phosphate finish.
Tool length: 145 mm. For use with an impact wrench.
Supplied in a robust plastic storage case.

- **The aggressive groove design bites itself firmly around the screw or nut, so that between the twist socket and nut head a powerful connection is achieved. The more power on the drive, results in more effective biting of the twist socket profile on the screw or nut head.**
- **Includes impact bar for removal of extracted nut or bolt from the impact socket.**

Part No.	Qty	Description
K913.1290	1 Set	**4 Piece Set**

3 x Special Twist sockets 1/2": Ø 17, 19, 21 mm. 1 x Impact bar.

HORIZON
Screw & Stud Extractor Set

For removing broken studs, set screws, pipe and fittings. Drill hole in screw, place extractor in hole and turn anti-clock wise.
Supplied in a plastic wallet.

Part No.	Qty	Description
TNH650	1 Set	**5 Piece Set**

for Screw Sizes: 1/4" & 5/16", 1/2" & 9/16", 3/8", 5/8", 7/16".

KS TOOLS 1/2" Drive
Stud Extractor Set

Operate right to left handed.
Supplied in a robust plastic storage case.

Part No.	Qty	Description
K152.1100	1 Set	**4 Piece Set**

4 x Sizes: 6, 8, 10, 12 mm.

KS TOOLS
Stud Extractor Set

For screws and bolts M5 - M16.
Removable ABS inserts.
Supplied in a robust plastic storage case.

Part No.	Qty	Description
K150.1305	1 Set	**25 Piece Set**

5 x HSS Drills, Ø: 3.2. 4.8. 6.4. 8.0. 8.7 mm. 10 x Bushes, Ø: 4.0, 4.8 (x 3), 6.0, 7.1 (x 3), 9.2, 9.5 mm.
5 x Extractor pins, Ø: 3.2, 4.8, 6.4, 8.0, 8.7 mm. 5 x Extractor nuts, Ø: 10, 11, 13, 14, 17 mm.

LASER
Headlight Adjustment Kit

S2 steel blades. Suits many vehicle models.
Screwdriver heads: T25, 7 mm Hex, 6 mm Hex.

- **Handle can be used as standard screwdriver or as a T-handle for extra leverage and easier access.**

Part No.	Qty	Description
TL7403	1 Set	**4 Piece Set**

RGTOOLS

RG TOOLS Locking Wheel Nut Removal Kit

This comprehensive kit provides a method of removing locking wheel nuts and bolts when the specialist key is not available. Supplied in a robust storage case.

- **Suitable for McGard style locking wheel nuts and bolts**
- **Contains 3 double ended keys which can be formed to suit the profile of the locking wheel nut/bolt**
- **For use on BMW, VAG, Ford, PSA, OPEL/Vauxhall and Volvo**

Part No.	Qty	Description
RG10600	1 Kit	**12 Piece Kit**

Kit contents: 1 x Impact Driver, 1 x Main Body, 1 x Blade A, 1 x Blade B, 1 x Blade C, 1 x Centre Punch, 1 x Hand Protection Ring, 1 x Mandrel A, 1 x Mandrel B, 1 x Coiled Spring, 1 x Spare Ring, 1 x 24 mm 1/2" Impact Socket.

RGTOOLS

RG TOOLS Replacement Removal Key

Keys feature a large and a small mouldable end. When correctly formed to the locking wheel nut/bolt head pattern a single key can remove all locking wheel nuts/bolts from the vehicle.

- **Can be used in conjunction with RG10600 to remove 'McGard' style locking wheel nuts/bolts fitted as OE by over 30 vehicle manufacturers**
- **Manufactured from high quality alloy steels**
- **For single use, cannot be reformed for use on another vehicle**

Part No.	Qty	Description
RG10602	Pack of 10	**Replacement Keys**
RG10604	1	**Replacement Key**

BAHCO

BAHCO Trim Clip Tool

Blade made of high performance alloy steel. Hardness: 40-46 HRC.

Part No.	Qty	Shaft Length	Overall Length
TL125	1	**175 mm**	245 mm

RGTOOLS

RG TOOLS Trim Clip Removal Kit

General purpose trim clip removal kit.

- **Helps prevent damage to interior parts and paint**

Part No.	Qty	Description
RG10700	1 Kit	**5 Piece Kit**

Set contains 1 x standard clip remover, 1 x narrow clip remover, 1 x dual clip remover, 1 x bumper clip remover and 1 wide type clip remover.

EV Insulated Trim/Cable Tool Set

Used to safely remove vehicle trim and clipped components on electric and hybrid vehicles. Supplied with storage pouch.

- **Four profile shapes to assist with removal of various trim clip styles**
- **Tested up to 1000 volts**

Part No.	Qty	Description
EVH21	1	**EV Trim Clip Tools**

MAYHEW The Pros Know

MAYHEW 'Dominator' Mini Hook & Pick Set

Each tool length is up to 165 mm. Supplied in a clamshell.

- **Used for pulling clips, rings, wires, gaskets, washers and other small parts**
- **The blade extends throughout the handle and is fully heat treated**

Part No.	Qty	Description
TN60003	1 Set	**4 Piece Set**

4 x Types: Scratch Awl, Curved Hook, 90° Hook, Complex Hook.

KS TOOLS GERMANY

KS TOOLS Hook & Pick Set

Each tool length is up to 140 mm. Ideal for removing and fitting O-rings, cotter pins, seals and bushes.

Part No.	Qty	Description
K550.1045	1 Set	**4 Piece Set**

1 x Hook and pickup, straight. 1 x Hook and pick up, S-form. 1 x Hook and pick up, 90°. 1 x Hook and pick up, round.

KS TOOLS GERMANY

KS TOOLS Master Radio Installation & Removal Set

Tool set for safe and damage free removal of radios from car dashboards/consoles. Supplied in a robust plastic storage case.

Part No.	Qty	Description
K500.1380	1 Set	52 Piece Set

For following manufactures and radio types:
BECKER from 2002 (new). BECKER, PORSCHE, MERCEDES BENZ. BLAUPUNKT from 2002 (new).
BLAUPUNKT, GRUNDIG, VW, AUDI, FORD. BMW. BMW, VAUXHALL - Inbus. CLARION (old), CLARION (new).
FIAT BRAVA. KENWOOD I to 1998, II 1998 - 2001, III from 2002. KENWOOD MASK. MERCEDES BENZ & BMW.
PANASONIC, PANASONIC 2006. PIONEER & JVC. SONY I to 2001, SONY II from 2002, I DIC 2005.
SKODA from 2002 (new). VAUXHALL double bearing bit. VW. VW, AUDI, BECKER, MERCEDES BENZ.

KS TOOLS GERMANY

KS TOOLS 3/8" Drive Cup Form Oil Filter Socket Set

Supplied in a robust plastic storage case.

- **3/8" square drive or outer hexagon diameter 21 mm**
- **Special socket shape construction ideal for tight places**
- **Where necessary filters or filter caps can be tightened exactly according to manufacturers torque settings**

3/8"

Part No.	Qty	Description
K150.9310	1 Set	16 Piece Set

Suitable for: AUDI, BMW, FIAT, GM, LANCIA, MERCEDES BENZ, NISSAN, OPEL, PORSCHE, RENAULT, SAAB, VOLVO, VW and other makes. Also suitable for VOLVO Plastic oil filter.
14 x Oil filter sockets: Diameter 66 mm (6 grooves), 76 mm (8 grooves), 76 mm (12 sided), 76 mm (14 sided), 86 mm (16 sided), 86 mm (18 sided), 92 mm (10 sided), 93 mm (15 sided), 93 mm (45 grooves), 96 mm (18 grooves), 106 mm (15 sided), 108 mm (15 sided), 108 mm (18 grooves), 74/76 mm (15 sided).
1 x Oil filter wrench, adjustable 65 - 138 mm.
1 x Adaptor 1/2" F to 3/8" M.

Oil Filter Wrenches - Cam Type

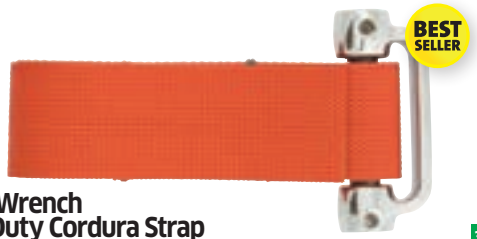
3/8"

Part No.	Qty	Range		Drive
TNH276	1	2 3/8" - 3 3/4"	(61 - 95 mm)	3/8" Drive or 3/4" Hex

Oil Filter Wrenches - Spider Type

3/8"

Part No.	Qty	Range		Drive
TNH277	1	2 3/8" - 4 3/4"	(61 - 121 mm)	3/8" Drive



Oil Filter Wrench - Heavy Duty Cordura Strap

For high torque requirements. Strap length: 630 mm (2 ft).

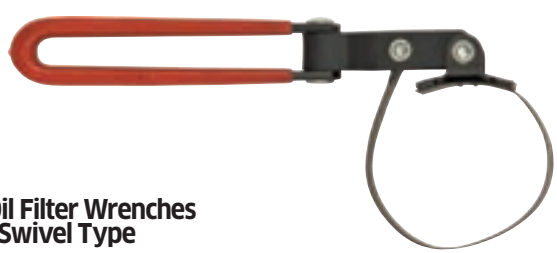
3/8" 1/2"

Part No.	Qty	Range		Drive
TNH278	1	Up to 9" Ø	(228 mm)	3/8" or 1/2" Drive

Oil Filter Wrench

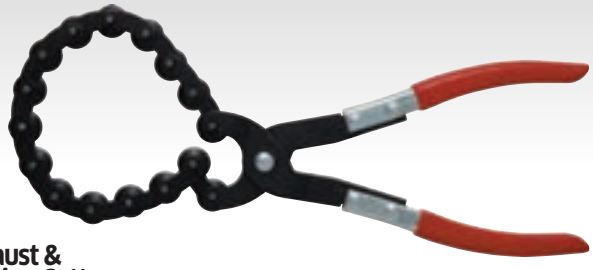
Self-adjusting.

Part No.	Qty	Capacity	
TNH297	1	60 - 152 mm	(2 1/4" - 6")



Oil Filter Wrenches - Swivel Type

Part No.	Qty	Range	
TNH251	1	3 7/16" - 3 3/4"	(87 - 95 mm)
TNH253	1	2 7/8" - 3 1/4"	(73 - 83 mm)
TNH255	1	4" - 4 3/8"	(102 - 111 mm)



Exhaust & Tailpipe Cutter

With cutting wheels on each roller for smooth tracking.
Effective in hard-to-reach areas.

Part No.	Qty	Capacity	
TNH770	1	19 - 76 mm Ø	(3/4" - 3 1/4")

LASER Wiper Arm Puller Set

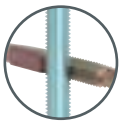
Suits numerous vehicles.

- **Supplied with 2 sets of legs.**
- **Maximum reach: 50 mm.**
- **Width: 60 mm.**

Part No.	Qty	Description
TL7402	1 Set	3 Piece Set

Thread Repair Files

For defect inner and outer threads. Suitable for the repair of both right as well as left hand threads with different diameters. Length: 230 mm.



Part No.	Qty	Thread Type
TL7635	1	Metric Sizes

8 x Pitches: 0.80, 1.00, 1.25, 1.50, 1.75, 2.00, 2.50, 3.00 mm.

Part No.	Qty	Thread Type
TL7636	1	Imperial Sizes

8 x Pitches: 24, 20, 18, 16, 14, 12, 11, 10 Pitch Per Inch.

Windscreen Jet Cleaning Tool

Part No.	Qty	Description
TL1300	1	Washer Jet Tool

KS TOOLS Puller For Battery Clamps and Windscreen Wiper Arms

Self centre puller for small components, especially for automotive applications.

- **Fine adjustable extraction using the knurled wheel.**
- **Take up: 0 - 50 mm.**
- **Spindle with fine thread & T-bar, adjustable depth: 0 - 20 mm.**
- **Freely swiveling end piece for careful contact to the component.**
- **Total length: 100 mm.**

Part No.	Qty	Description
K700.1190	1	Battery Clamp Puller

KS TOOLS Windscreen Washer Jet Cleaning & Alignment Tools

Double ended practical tool for cleaning washer jets at one end and hardened tip to adjust the jet at the other. Length: 95 mm. Complete with pocket clip.

Part No.	Qty	Description
K550.1022	1	Washer Jet Tool

KS TOOLS Windscreen Wiper Puller Type 1

Removes most windscreen wipers.
Hand screw drive.
Jaw width: 16 mm.
Working height: 28 mm.

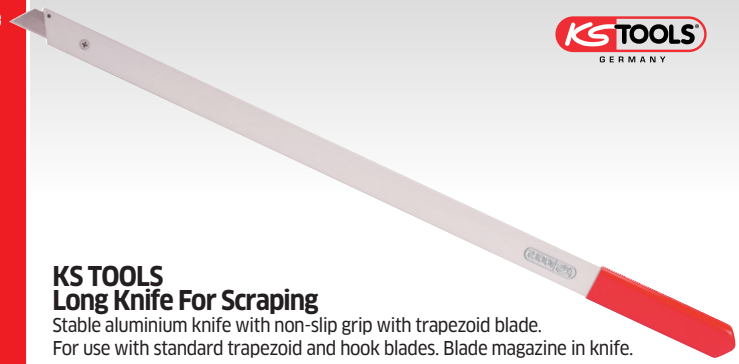
Part No.	Qty	Description
K700.1193	1	Windscreen Wiper Puller

KS TOOLS 2-in-1 Telescopic Magnetic Pickup Tool and Needle

Extension Range: 150 - 675 mm.

- **Designed for the retrieval of small pieces with the magnetic end.**
- **Protection cap for the needle, which can also be used for cleaning water jet holes.**

Part No.	Qty	Description
K550.1001	1	Pickup Tool and Needle



KS TOOLS
Long Knife For Scraping

Stable aluminium knife with non-slip grip with trapezoid blade.
For use with standard trapezoid and hook blades. Blade magazine in knife.

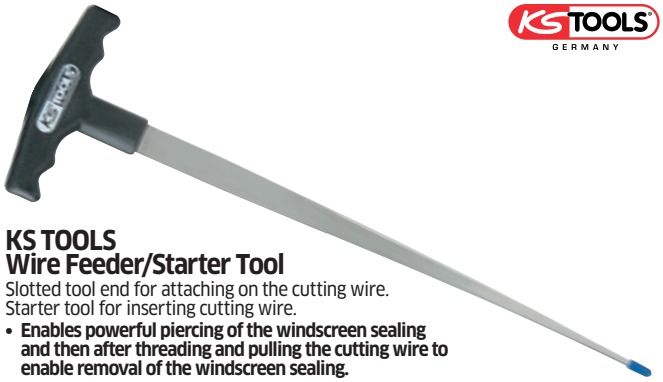
Part No.	Qty	Length
K140.2290	1	470 mm

KS TOOLS
Pull Knife and 25 mm Blade

Length: 130 mm.

- **Robust pull knife with flexible pull handle for better handling.**
- **PVC covered body, cable, and handle to prevent scratches to paint work.**
- **Quick change blade system without the use of a tool.**

Part No.	Qty	Description
K140.2248	1	Pull Knife



KS TOOLS
Wire Feeder/Starter Tool

Slotted tool end for attaching on the cutting wire.
Starter tool for inserting cutting wire.

- **Enables powerful piercing of the windscreen sealing and then after threading and pulling the cutting wire to enable removal of the windscreen sealing.**
- **The spring steel blade is pushed from inside, through the resin bond.**

Part No.	Qty	Length
K140.2206	1	340 mm

KS TOOLS
Windscreen Cutting Wire

Stainless steel. Length: 22.5m.
Operates like a saw.

- **Highly flexible and tough wire, especially suitable for use in difficult places when cutting bonding adhesive strip.**

Part No.	Qty	Description
K140.2214	1	Square Stainless Steel Wire

KS TOOLS
Suction Holder Set

Plastic coated steel wire
with 2 PVC suction cups.

- **Holds side windows during removal of the windscreen winder to prevent slipping.**
- **Also keeps freshly bonded windows from moving.**

Part No.	Qty	Description
K140.1060	1 Set	2 Piece Set

KS TOOLS
Windscreen Cutting Wire

Made from 3 brass plated steel wires, twisted to form one wire. Length: 22.5m.
Operates like a saw.

- **Highly flexible and tough wire, especially suitable for use in difficult places when cutting bonding adhesive strip.**

Part No.	Qty	Description
K140.2211	1	Braided 0.8 mm Wire

KS TOOLS
Single Handed Suction Lifter

For lifting, supporting and holding. Suitable for any flat surface. Load capacity: 8 kg.

- **For use with installation of rear view mirrors and for use in sanitary installations.**

Part No.	Qty	Description
K140.1015	1	70 mm Ø Suction Lifter

BAHCO
Windscreen Cutting Wire Handles

Aluminium construction with black PVC handle for increased comfort and a safe and reliable grip when pulling the cutting wire.

Part No.	Qty	Description
TL132	1 Pair	Wire Handles

Inspection Mirror - Oval Shape

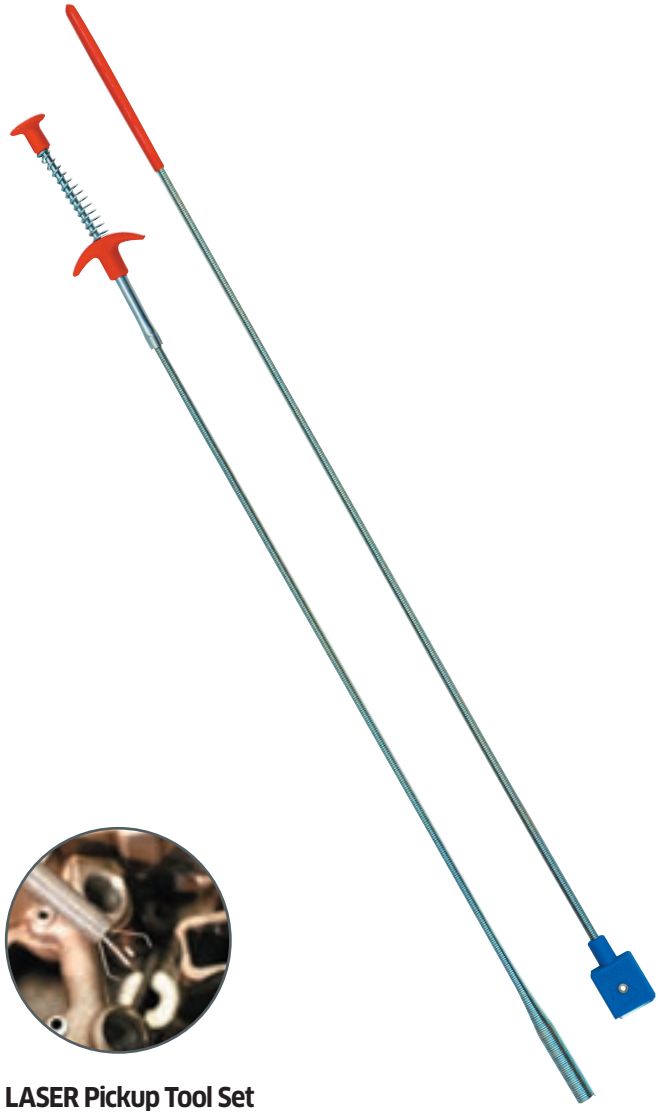
Telescopic handle with pocket clip and magnet. Adjustable mirror angle.

Part No.	Qty	Mirror Size		Telescopic Range
TNB2TM	1	25 x 50 mm	(1" x 2")	140 - 527 mm

Inspection Mirror - Round Shape

Telescopic handle. Adjustable mirror angle.

Part No.	Qty	Mirror Size		Telescopic Range
TNH25C	1	57 mm Ø	(2 1/4")	140 - 527 mm



LASER Pickup Tool Set

Part No.	Qty	Description
TNH170	1 Set	2 Piece Set

1 x Flexible mechanical finger: 540 mm (21") reach. 1 x Magnetic pickup tool: 580 mm (23").

Magnetic Pickup Tool

Telescopic with pocket clip. Picks up to 1 kg (2.2 lb).

Part No.	Qty	Magnetic Capacity	
TN9425	1	1 kg	(2.2 lb)

KS TOOLS Telescopic Pickup Tool

Made from V2A, energy protection cap increases the magnetic power by approx 35% and prevents lateral contact.
Extension Range: 178 - 860 mm

Part No.	Qty	Magnetic Capacity
K550.1002	1	Up to 5.0 kg

KS TOOLS Telescopic Pickup Tool with Rotating Head

Made from V2A, energy protection cap increases the magnetic power by approximately 35% and prevents lateral contact.
Extension Range: 178 - 860 mm.

Part No.	Qty	Magnetic Capacity
K550.1003	1	Up to 5.0 kg

TENG TOOLS Telescopic Magnetic Pickup Tool

Max extension 550 mm with very powerful magnet.
Can be used for retrieving nuts and bolts, etc.

Part No.	Qty	Description
TSD501	1	Pick-Up Tool

KS TOOLS 2-in-1 Telescopic Magnetic Pickup Tool and Needle

Extension Range: 150 - 675 mm.

- Designed for the retrieval of small pieces with the magnetic end.
- Protection cap for the needle, which can also be used for cleaning water jet holes.

Part No.	Qty	Description
K550.1001	1	Pickup Tool and Needle

Magnetic Pick Up Tools

Part No.	Qty	Colour
TL1310	1	Green
TL1320	1	Orange

RGTOOLS

RG TOOLS 3/8" Dr VDE Socket Set

Manufactured according to IEC 60900. Chrome vanadium steel construction. Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10502	1 Set	**9 Piece Set**

1 x Reversible Ratchet, 1 x 100 mm Extension Bar. Deep Sockets: 1 x 8 mm, 1 x 10 mm, 1 x 12 mm, 1 x 13 mm, 1 x 14 mm, 1 x 17 mm, 1 x 19 mm.

RGTOOLS

RG TOOLS 3/8" Dr VDE Tool Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10140	1 Set	**26 Piece Set**

Contents: 1 x Combi Pliers. 1 x Side Cutters. Open End Wrenches: 7, 8, 10, 12, 14 mm.
Screwdrivers: PH1 x 100 mm, PH2 x x100 mm, SL1.0 x 125 mm, SL0.8 x 100 mm. 2 Cable Knives.
3/8" Drive Ratchet. 3/8" Drive Extension 100 mm. 3/8" Drive Sockets: 7, 8, 10, 12, 14 mm.
3/8" Drive Sockets: 1/4", 5/16", 3/8", 1/2", 9/16". 3/8". Drive T-Handle.

RGTOOLS

RG TOOLS 3/8" Dr VDE T-Handle+ Screwdriver Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage pouch.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10110	1 Set	**8 Piece Set**

Contents: 1 x 3/8" Drive T-Handle. 5 x 3/8" Drive Sockets: 7, 8, 10, 12, 14mm.
2 x Screwdrivers: PH2 x 100mm, SL1.0 x 5.5 x 125mm.

RGTOOLS

RG TOOLS 1/2" Dr VDE Socket Set

Manufactured according to IEC 60900. Chrome vanadium steel construction. Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

1/2"

Part No.	Qty	Description
RG10500	1 Set	**11 Piece Set**

1 x Reversible Ratchet, 1 x T-handle, 1 x 125 mm Extension Bar. Deep Sockets: 1 x 10 mm, 1 x 12 mm, 1 x 13 mm, 1 x 14 mm, 1 x 17 mm, 1 x 19 mm, 1 x 22 mm, 1 x 24 mm.

RGTOOLS

RG TOOLS 1/2" Dr VDE Socket Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

1/2"

Part No.	Qty	Description
RG10120	1 Set	**7 Piece Set**

Contents: 1 x 1/2" Drive Reversible Ratchet. 1 x 1/2" Drive Extension: 125mm L.
5 x 1/2" Drive Sockets: 14, 17, 19, 22, 24mm.

RGTOOLS

RG TOOLS 3/8" Dr VDE Socket Rail Set

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10504	1 Set	**10 Piece Set**

2 x 10 mm, 1 x 11 mm, 1 x 12 mm, 2 x 13 mm, 1 x 14 mm, 1 x 15 mm, 1 x 17mm, 1 x 19 mm.

RGTOOLS

RG TOOLS 1/2" Dr VDE Socket Rail Set

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

1/2"

Part No.	Qty	Description
RG10506	1 Set	**10 Piece Set**

2 x 10 mm, 1 x 11 mm, 1 x 12 mm, 2 x 13 mm, 1 x 14 mm, 1 x 16 mm, 1 x 17 mm, 1 x 19 mm.

RGTOOLS

RG TOOLS VDE Open End Wrench Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage pouch.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10130	1 Set	**5 Piece Set**

Contents: 5 x Open End Wrenches: 7, 8, 10, 12, 14mm.

RGTOOLS

RG TOOLS VDE Open End Wrenches

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Open Jaw	Overall Length
RG10200	1	**10 mm**	108 mm
RG10205	1	**13 mm**	144 mm
RG10210	1	**15 mm**	163 mm
RG10215	1	**17 mm**	163 mm
RG10220	1	**19 mm**	180 mm
RG10225	1	**24 mm**	224 mm

RGTOOLS

RG TOOLS VDE Wire Strippers 6"

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10370	1	**VDE Wire Strippers**

RGTOOLS

RG TOOLS VDE Combi Pliers 6"

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10350	1	**VDE Combi Pliers**

RGTOOLS

RG TOOLS VDE Long Nose Pliers 8"

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10355	1	**VDE Long Pliers**

RGTOOLS

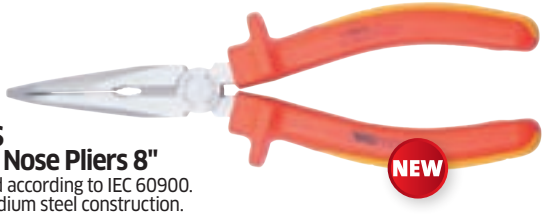
RG TOOLS VDE Diag Side Cutters 6"

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10360	1	**VDE Side Cutters**

RGTOOLS



RG TOOLS VDE Bent Nose Pliers 8"

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10365	1	**VDE Bent Nose Pliers**

RGTOOLS

RG TOOLS
VDE Screwdriver Set

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10410	1 Set	**7 Piece Set**

7 x screwdrivers: Slotted 2.5 x 75, 3.5 x 100, 5.5 x 125, 6.5 x 150 mm.
Phillips - 1 x 80, 2 x 100 mm & voltage tester 120 - 150V.

RGTOOLS

RG TOOLS
VDE Screwdriver Set

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10411	1 Set	**8 Piece Set**

8 x Slotted screwdrivers: 2.5 x 75, 4 x 100, 5.5 x 125, 6.5 x 150 mm,
Phillips - 0 x 60, 1 x 80, 2 x 100 mm & voltage tester 120-150V.

RGTOOLS

RG TOOLS
VDE Star Set

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10412	1 Set	**6 Piece Set**

6 x Star screwdrivers: T10 x 60, T15 x 100, T20 x 100, T25 x 100, T30 x 100, T40 x 150 mm.

RGTOOLS

RG TOOLS
VDE Screwdrivers - Slotted

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Tip	Shaft Length
RG10450	1	**2.5**	75 mm
RG10452	1	**3.5**	100 mm
RG10454	1	**4.0**	100 mm
RG10456	1	**5.5**	125 mm
RG10458	1	**6.5**	150 mm

RGTOOLS

RG TOOLS
VDE Screwdrivers - Phillips

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Tip	Shaft Length
RG10460	1	**No. 0**	60 mm
RG10462	1	**No. 1**	80 mm
RG10464	1	**No. 2**	100 mm

RGTOOLS

RG TOOLS
Voltage Tester 120-250V

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10470	1	**Voltage Tester**

RGTOOLS

RG TOOLS
VDE Screwdrivers - Star

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Tip	Shaft Length
RG10480	1	**T10**	60 mm
RG10482	1	**T15**	100 mm
RG10484	1	**T20**	100 mm
RG10486	1	**T25**	100 mm
RG10488	1	**T30**	100 mm
RG10490	1	**T40**	150 mm

EV Voltage Detector Up To 1000V

An essential piece of equipment for EV / hybrid technicians to prove there is no voltage present prior to working.

- **LCD backlit display indicates the voltage range present at the time of testing**
- **The electrical voltage tester has a safe test range from 12v to 1000v AC/DC**
- **Voltage measurement is in increments of - 12, 24, 50, 120, 230, 400, 690 and 1000 volts**
- **Conforms to the following safety standards - BS EN61243-3, TUV-GS38, EN61010-1 CAT III - 1000V, EN61010-1 CAT IV - 600V**

Part No.	Qty	Description
EVH32	1	EV Volt Detector

KS TOOLS GERMANY

KS TOOLS 6-400V AC/DC Universal Voltage Tester

Rotating field and phase display, fully insulated. DIN 0680.For professional, multi step testing of voltage and polarity. LED Display.Power consumption: 140 mA. Allowable switch on time: 30 seconds.

Part No.	Qty	Description
K550.1501	1	AC/DC Voltage Tester

Frequency range: 0 - 100 Hz. Protection class: IP40. AC -> Voltage range 6 - 50 - 120 - 230 - 400V ~
DC -> Voltage range 6 - 50 - 120 - 230 - 400V==

EHV Multimeter Cat 111 To 1000V

For testing and checking components on electric and hybrid vehicles through the continuity test and diode test.

- **The multimeter function is combined with an inbuilt insulation test facility making it ideal for troubleshooting and preventative maintenance**
- **The insulation test function operates at the following test voltages - 50v, 100v, 250, 500, and 1000v**
- **Complies with EN61010 CATEGORY III (1000v) and CATEGORY IV (600v)**

Part No.	Qty	Description
EVH33	1	EHV Multimeter

RING

RING Multi-Function Automotive Tester

Suitable for 6V, 12V and 24V vehicles.
Multi-function automotive tester, designed specifically to find electrical automotive faults.
Features a voltage check, with a traffic light result indicator, giving an instant and easy-to-read assessment of the battery charge levels. Assesses circuit voltages.
Uses 3 x AA Batteries (NOT included).
Supplied in robust storage case.

- **Rapid current testing up to 80A without removing fuses**
- **Current adapter for in-line current testing**
- **Normal and Smart 12/24V alternator test for checking vehicle charging system**
- **12/24V starter test checks battery during engine cranking**
- **Frequency and duty cycle settings aid testing of sensors**
- **Continuity and resistance modes for locating wiring faults**

Part No.	Qty	Description	Voltage DC	Output DC
ERMM500	1	Automotive Tester	0-50V	0-80A

ARCTIC HAYES Tools & Consumables

ARCTIC HAYES Digital Multimeter with Temperature Function

Complies with EN61010-1 EN61010-2-033 Class 2 double insulation. Measures voltage, electrical current, resistance, capacitance, frequency as well as NCV.
Supplied with K-type test leads and thermometer, built-in flashlight and 2 x 1.5V AAA batteries.

- **Overload category: CATIII 600v**
- **Display: 6000 counts true RMS**
- **Max voltage: 600V AC/DC**
- **Max current: 10A AC, 10A DC**
- **Max resistance: 60M Ω**
- **Temperature range: -20°C to +1000°C / -4°F to 1832°F**

Part No.	Qty	Description
TL201	1	Digital Multimeter

Littelfuse

LITTELFUSE
Blade Fuse Extractor & Tester

For testing ATOF® (standard type), MINI® & Low Profile MINI® blade fuses.

Part No.	Pack of	Description
EFBX	3	Extractor/Testers

Circuit Tester

6-24V.

Part No.	Qty	Description
TL9370	1	Circuit Tester

KS TOOLS GERMANY

KS TOOLS
150-250V Voltage Tester

Fully insulated. DIN 0680. Transparent handle. Nickel plated blade, slotted: 3.0 mm.

Part No.	Qty	Description
K911.2188	1	Voltage Tester

RGTOOLS

RG TOOLS
Voltage Tester 120-250V

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10470	1	Voltage Tester

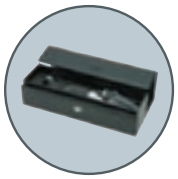
Brake Fluid Tester

RoHS compliant. Quickly identifies percentage of water in brake fluid. Complete with 1 x AAA battery.

- **Essential for regular safety checks on brake systems.**
- **Quick and simple to use.**
- **5 x LED Colour coded LEDs show level of water.**

Part No.	Qty	Description
TL7215	1	Brake Fluid Tester

KS TOOLS GERMANY



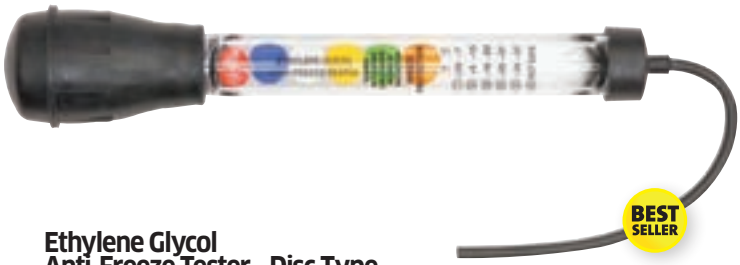
KS TOOLS
Refractometer - Optical Tester for Antifreeze and Battery Acid

For quick precise testing the antifreeze content in coolant, windscreen liquid as well as battery acid. High quality aluminium version. Supplied in a robust case.

5 scales for:

- **Cooling water Propylene: 0° to -50°C.**
- **Cooling water Ethylene: Temperature consistency (measuring range 0° to -50° C).**
- **Screen washer water: Antifreeze (measuring range 0° to -40°C)**
- **Adjustable calibration feature.**
- **With ATC Automatic Temperature Compensation which enables use at ambient temperature of under 10°C (Bi-metalic measurement correction).**

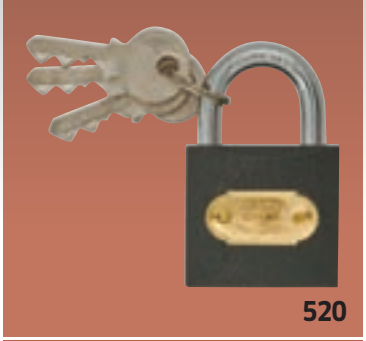
Part No.	Qty	Description
K550.1290	1	Refractometer



Ethylene Glycol
Anti-Freeze Tester - Disc Type

Accurate at all temperatures. Tests coolant hot or cold. Protection scale printed in °F and °C. Sixth disc shows overprotection and loss of cooling efficiency. NOT suitable for use with propylene glycol.

Part No.	Qty	Description
TL106	1	Ethylene Glycol Anti-Freeze Tester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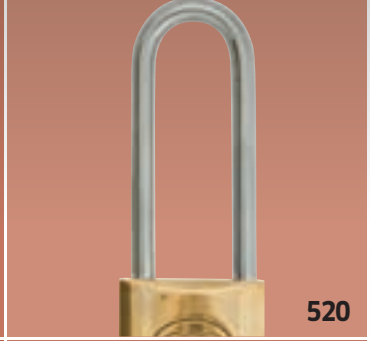
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Storage + Security

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520 Padlocks
521 Security Locks
521 Security Chains
522 High Security Locks
523 Hasp + Staples
524 Tool Storage
527 Storage Containers
527 Storage Cabinets
528 Storage Bins
532 Steps + Trolleys
533 Packing Materials

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Padlocks - Brass

All-brass body with hardened steel clasp.
Standard shackle.
Supplied with 3 keys.

Part No.	Pack of	Body Width
PAD30	1	32 mm
PAD38	2	38 mm
PAD50	2	50 mm
PAD63	2	63 mm

IFAM

IFAM Padlocks - Brass

Extruded brass body. Hardened carbon-nitride, chrome plated steel shackle. Pick proof.
Supplied with 2 keys.

Part No.	Qty	Body Width
PAD230	1	30 mm
PAD240	1	40 mm
PAD250	1	50 mm
PAD260	1	60 mm

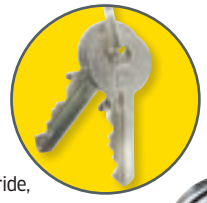
Keyed-Alike Padlocks - Brass

All-brass body with hardened steel clasp.
Standard shackle.

- **Each padlock is supplied with 3 keys that will open other padlocks of the same Part No./size.**
- **Ideal when used to secure gates or tool boxes.**

Part No.	Pack of	Body Width
PAD130	1	32 mm
PAD138	6	38 mm
PAD150	6	50 mm
PAD163	1	63 mm

IFAM



IFAM Keyed-Alike Padlocks - Brass

Extruded brass body. Hardened carbon-nitride, chrome plated steel shackle. Pick proof.
Supplied with 2 keys.

- **Each padlock is supplied with 2 keys that will open other padlocks of the same Part No./size.**
- **Ideal when used to secure gates or tool boxes.**

Part No.	Qty	Body Width
PAD230K	1	30 mm
PAD240K	1	40 mm
PAD250K	1	50 mm
PAD260K	1	60 mm

Padlocks - Brass, Long Shackle

All-brass body with hardened steel clasp.
Long shackle.
Supplied with 3 keys.

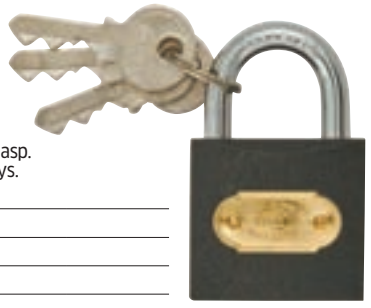
Part No.	Pack of	Size	Shackle Height
PAD4	2	38 mm	67.5 mm
PAD5	2	50 mm	73.5 mm

IFAM

IFAM Long Shackle Padlocks - Brass

Extruded brass body. Hardened carbon-nitride, chrome plated steel shackle. Pick proof.
Supplied with 2 keys.

Part No.	Qty	Body Width
PAD240LS	1	40 mm
PAD250LS	1	50 mm



Padlocks - Steel

Galvanised steel body
with brass cylinder, hardened steel clasp.
Standard shackle. Supplied with 3 keys.

Part No.	Pack of	Size
PAD1	2	38 mm
PAD2	2	50 mm
PAD3	2	63 mm

IFAM

STAINLESS STEEL

IFAM Padlocks - Stainless Steel

Chrome plated extruded brass body. Stainless steel shackle.
Spring and pins, double locking mechanism.
Treated against rust. Supplied with 2 keys.

Part No.	Qty	Body Width
PAD330	1	30 mm
PAD340	1	40 mm
PAD350	1	50 mm

IFAM Security Cable Shackle Padlocks - Stainless Steel

Chrome plated extruded brass body.
Spring and pins, double locking mechanism.
Treated against rust. Supplied with 2 keys.

Part No.	QtyQty	Body Width
PAD350C	1	50 mm

Spiral Cable Lock

Supplied with 2 keys.

Part No.	Qty	Length
PAD21	1	1.5 m

IFAM Padlock - Combination

Brass body, hardened carbon-nitrade and chrome plated.
Double locking system, combination low with master reset key.

Part No.	Qty	Body Width
PAD15	1	50 mm

Chain Lock

Nickel plated, hardened body and pins.
Hacksaw and bolt cutter resistant, virtually impregnable.
Complete with 2 keys.

Part No.	Qty	Description
PAD110	1	Chain Lock
PAD110S	1 Set	Chain Lock & 1 m Security Chain

Hardened Security Chain

Square link with blue thermo wrapped sheath.
Hacksaw and bolt cutter resistant.

Part No.	Qty	Size
PAD23	1	10 mm x 1 m

Spiral Security Cable

Double loop cable.

Part No.	Qty	Length
PAD22	1	2 m

IFAM

IFAM Circular Discus Padlock- Stainless Steel

Bolt-cutter proof, Can be used with U-shaped hasp set (PAD9), Outdoor use. Supplied with 2 keys.

Part No.	Qty	Body Width
PAD195	1	70 mm

Spacelock

Can be used with U-shaped hasp set (Part No. PAD9).

Part No.	Qty	Description	Diameter
PAD95	1	5-Pin Model	70 mm

Close Shackle Padlock - 6 Lever

Double plated, Hardened shackle.

Part No.	Qty	Body Width
PAD16	1	63 mm

5-Lever Padlock

High security closed shackle with 2 keys.

Part No.	Qty	Description
PAD6	1	5-Lever Padlock

IFAM

IFAM Shutter Padlock - Brass

Solid Brass body, Carbon-nitride hardened. Chrome plated Steel shackle, ball bearing lock.
Automatic locking system, Supplied with 2 keys

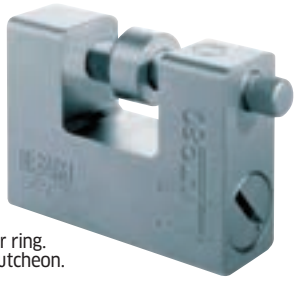
Part No.	Qty	Body Width
PAD14	1	70 mm

Shutter Padlock - Brass

All-brass body with hardened steel clasp. Standard shackle. Supplied with 3 keys.

Part No.	Qty	Body Width	Shackle
PAD17	1	70 mm	Steel

IFAM



IFAM High Security Block Lock - Steel

Solid steel alloy. Rust resitant. Shackle protector ring. Lever and torsion resistant. 4 mm key hole escutcheon. Supplied with 3 dimple keys.
• **Insurance rated to CEN5 - EN12320.**

Part No.	Qty	Body Width
PAD25	1	50 mm

Armoured Padlock - Brass

Chrome plated. Supplied with 2 keys.

Part No.	Qty	Body Width
PAD170	1	80 mm

Heavy Duty Safety Hasp & Staple

Part No.	Qty	Size
PAD12	1	190 x 55 mm

Medium Duty Safety Hasp & Staple

Part No.	Qty	Size
PAD26	1	140 x 40 mm

Vertical Locking Bar

Part No.	Qty	Size
PAD13	1	150 x 110 mm

Hasp & Staple

Heavy galvanised with brass pin.

Part No.	Qty	Length
PAD7	1	200 mm

U-Shaped Hasp Set

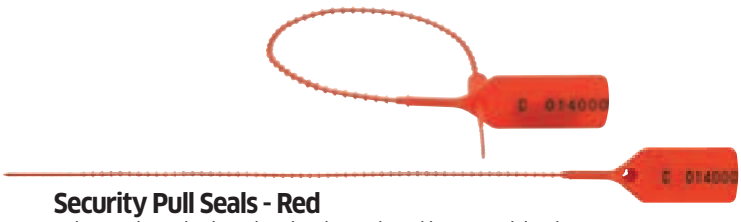
Complete with fastenings.
For use with Part No. PAD95 Space-Lock (NOT included).

Part No.	Qty	Description
PAD9	1	U-Shaped Hasp Set

Assorted Pack of Keyring Indicators

Part No.	Pack of
AP40	48 Pieces

8 x Colours: Black, Light Blue, Dark Blue, Green, Pink, Purple, Red, Yellow.



Security Pull Seals - Red

Polypropylene plastic seals uniquely numbered in sequential order (i.e. D 013001 - D 0141000). Tie locking length: 160 mm.
Flag Dimensions (W x L): 19 x 36 mm.

Part No.	Qty	Description
PAD20R	Box of 1,000	Security Pull Seals

Tool Clips

Zinc plated steel. Closed type.

Part No.	Pack of	Size	
TL430	100	10 - 12 mm	3/8"
TL431	100	13 - 14 mm	1/2"
TL432	100	16 - 19 mm	5/8"
TL433	100	25 - 27 mm	1"
TL434	100	32 - 34 mm	1 1/4"

Assorted Pack of Tool Clips

Closed type.

Part No.	Pack of
AP53	50 Pieces

5 x Sizes: 10 - 12, 13 - 14, 16 - 19, 25 - 27, 32 - 34 mm

Gripper Wrench Organizer

For use in toolboxes or on the wall.
Folding space saver handle.

Part No.	Qty	Holds Up To
TL8050	1	12 Spanners

Socket Rails

Supplied complete with 16 spring steel socket clips.
(Sockets NOT included).

Part No.	Qty	Drive	Length
TL8014	1 Set	1/4"	410 mm
TL8038	1 Set	3/8"	410 mm
TL8012	1 Set	1/2"	410 mm

TENG TOOLS
Magnetic Bits Tray

Stainless steel with plastic enclosed magnet which does not damage vehicle paint work. Can be secured on its side as well as upside down,

Part No.	Qty	Description
T580	1	Bits Tray

TENG TOOLS
Magnetic Bits Tray - Deep

Large stainless steel tray with two rubber protected magnets to avoid damage to vehicle paint work. Depth gives extra space to store parts and bulkier items, even upside-down.

Part No.	Qty	Description
T580A	1	Deep Bits Tray

TENG TOOLS
Magnetic Tool Rail

Dimensions: 457 x 52 x 17 mm.Weight: 0.6 kg.

- **6 individual magnets each with a capacity of 450 grams combined in a rail especially designed for fixing to TENG TOOLS roller cabinets.**
- **Suitable for wall mounting or other tool boxes.**
- **Ideal for hanging up tools while working.**

Part No.	Qty	Description
TTC-MAG	1	Tool Rail

TENG TOOLS
Non-Slip Tool Mat

Use as a drawer liner in all TENG TOOLS storage boxes and cabinets or on any flat or curved surface as a tool mat. Can be cut to any size.

Part No.	Qty	Size
TTC-MAT	1	450 mm x 2 m Roll

TENG TOOLS
Tool Tray

Add-on tool tray with 7 separate compartments.
Dimensions: 265 x 142 x 50 mm. Weight: 0.29 kg. Supplied in a tool tray.

Part No.	Qty	Description
TTT01	1	Empty Tool Tray

KS TOOLS 'Smart Bag' Universal Tool Case

Dimensions: D 425 xW 240 x H 280 mm.
Weight: 2.37 kg. Supplied empty.

- **Made from strong polyester material.**
- **External pockets, separate compartment for storage of small components in the bottom of the case, ideal for assorted boxes.**
- **Includes padded carry strap.**

Part No.	Qty	Description
K850.0300	1	'Smart Bag' Tool Case

KS TOOLS
Tool Case Trolley with Telescopic Handle

Supplied Empty. Dimensions
L x B x H: 500 x 280 x 400 mm.
Weight: 2.2 kg. Load Max: 30 kg.

- **8 different size outer pockets, with hook and loop fastening.**
- **Sturdy zipper.**
- **15 inner pockets, different sizes.**
- **Robust plastic base.**
- **Wide rollers and stand feet for stand alone safety.**

Part No.	Qty	Description
K850.0305	1	Tool Case Trolley

RGTOOLS

RG TOOLS Carpenters Tool Backpack

Heavy duty 'untearable' fabric backpack with rubber foam bottom.
Supplied Empty.
Dimensions:
H: 16" x W: 12" x D: 10".

- **48 pockets**
- **Padded back support**
- **Adjustable chest strap**

Part No.	Qty	Description
RG10990	1	Tool Backpack

RGTOOLS

RG TOOLS Tool Pouch 11 Pockets

Tool pouch with hammer loop and measuring tape clip.
Supplied Empty.
Dimensions:
H: 13.0" x W: 13.0" x D: 2.5".

- **11 pockets**
- **Durable and waterproof**
- **Hard wearing reinforced bottom**

Part No.	Qty	Description
RG10996	1	Tool Pouch

RGTOOLS

RG TOOLS Big Mouth Bag 22 Pockets

Hard bottomed tool bag with heavy duty shoulder straps, handles and zips.
Supplied Empty. Dimensions:
H: 10.5" x W: 12.5" x D: 7.5".

- **22 pockets**
- **Padded reinforced web carrying handles**
- **Adjustable shoulder strap**
- **Water resistant bottom**

Part No.	Qty	Description
RG10992	1	Tool Bag

RGTOOLS

RG TOOLS Big Mouth Bag 31 Pockets

Hard bottomed tool bag with heavy duty shoulder straps, handles and zips.
Supplied Empty. Dimensions:
H: 11" x W: 16" x D: 9.5".

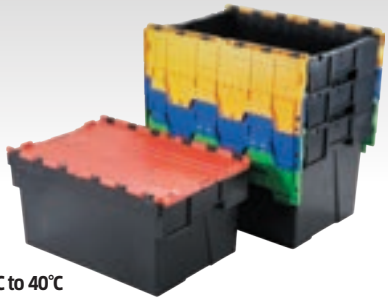
- **31 pockets**
- **Padded reinforced web carrying handles**
- **Adjustable shoulder strap**
- **Water resistant bottom**

Part No.	Qty	Description
RG10994	1	Tool Bag

Abracs offer a wide selection of high-quality abrasive products, including cutting discs, grinding wheels, sandpaper, abrasive belts, flap discs and more.

Used in multiple industries including construction, metalworking, woodworking and automotive repair.

BARTON STORAGE SYSTEMS LIMITED



BARTON Attached Lidded Euro Containers

Can be stacked when the lid is closed, or nested to save space when the containers are not in use and the lid is open.

- **Label/card holder included**
- **Temperature resistant from -20°C to 40°C**

*** Ships directly from the supplier**

Part No.	Qty		Colour	External (L x W x H)	Capacity
SB85B *	2		Blue	600 x 400 x 310 mm	56 Litres
SB85G *	2		Green	600 x 400 x 310 mm	56 Litres
SB85R *	2		Red	600 x 400 x 310 mm	56 Litres
SB85Y *	2		Yellow	600 x 400 x 310 mm	56 Litres
SB86B *	2		Blue	600 x 400 x 365 mm	65 Litres
SB86G *	2		Green	600 x 400 x 365 mm	65 Litres
SB86R *	2		Red	600 x 400 x 365 mm	65 Litres
SB86Y *	2		Yellow	600 x 400 x 365 mm	65 Litres
SB87B *	2		Blue	600 x 400 x 400 mm	77 Litres
SB87G *	2		Green	600 x 400 x 400 mm	77 Litres
SB87R *	2		Red	600 x 400 x 400 mm	77 Litres
SB87Y *	2		Yellow	600 x 400 x 400 mm	77 Litres

BARTON STORAGE SYSTEMS LIMITED

BARTON 'Safestore' Hazardous Substance Cabinets

Constructed from 20 gauge mild steel with welded seams.
High visibility polyester powder coated in yellow with
Highly Flammable warning labels. Fitted with a two point lockable handle.
Reinforced doors prevent distortion. Adjustable shelf at 25 mm pitches.

- **Designed to provide safe storage of flammable liquids, chemicals, paints and other hazardous substances**
- **NOT fire or explosion proof but are designed to reduce risk to a minimum**

*** Ships directly from the supplier**

Part No.	Qty		Dimensions (H x W x D)	Complete with
SB50 *	1		915 x 457 x 457 mm	1 Shelf
SB51 *	1		915 x 915 x 457 mm	1 Shelf
SB52 *	1		1829 x 915 x 457 mm	3 Shelves

BARTON STORAGE SYSTEMS LIMITED

BARTON Multi-Functional Containers

Manufactured from polypropylene.
Robust multi-functional sorting storage bins complete with removable hinged lids.
Dimensions (H x W x D): 345 x 400 x 635 mm.

- **Stackable/nestable (maximum total stack height is 4)**
- **Maximum total stack load: 45 Kg**

*** Ships directly from the supplier**

Part No.	Qty		Lid Colour	Capacity
SB70 *	4		Mixed Colours	50 Litres
SB70B *	4		Blue	50 Litres
SB70R *	4		Red	50 Litres
SB70G *	4		Green	50 Litres
SB70Y *	4		Yellow	50 Litres

BARTON STORAGE SYSTEMS LIMITED

BARTON Extra Wide Shelving System c/w Space Bin Containers

Boltless heavy duty hand loaded shelving system. Galvanised frames beams with chipboard shelves complete with 50 Ltr capacity polypropylene container bins. Overall Dimensions (H x W x D): 1800 x 1200 x 450 mm.
Max load per shelf:265 Kg.

- **Ideal storage solution for larger products or multiple storage or bulk items**
- **Large open fronted bins for easy access**
- **Space bin containers are both stackable and nestable when not in use**

*** Ships directly from the supplier**

Part No.	Qty	Description
SB62 *	1 Kit	**Wide Shelving System c/w 8 Space Bins**
SB60 *	1	**Wide Shelving System** (Without Bins)

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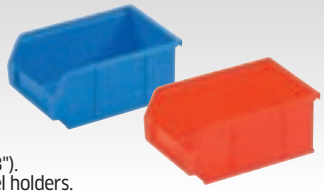

BARTON Storage Bins - TC2

Dimensions (D xW x H):
165 x 100 x 75 mm (6 1/2" x 4" x 3").
Sturdy polyethylene bins with label holders.
Compatible with most standard shelving systems.

Part No.	Qty	Colour
SB21BU	20	Blue
SB21RE	20	Red

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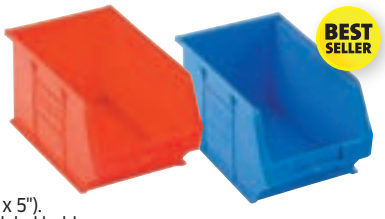
STORAGE SYSTEMS LIMITED



BARTON Storage Bins - TC3

Dimensions (D x W x H):
240 x 150 x 132 mm (9.5" x 6" x 5").
Sturdy polyethylene bins with label holders.
Compatible with most standard shelving systems.

Part No.	Qty	Colour
SB22BU	10	Blue
SB22RE	10	Red

BARTON
STORAGE SYSTEMS LIMITED

BARTON Storage Bins - TC4

Dimensions (D x W x H):
350 x 205 x 132 mm (13 3/4" x 8" x 5").
Sturdy polyethylene bins with label holders.
Compatible with most standard shelving systems.

Part No.	Qty	Colour
SB23BU	10	Blue
SB23RE	10	Red

BARTON
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BARTON Mobile Single Sided Storage System

Units are finished epoxy powder coated blue with silver/grey base.
Trolleys are supplied as standard with 100 mm diameter wheels/castors (2 fixed/2 swivel) non-marking rubber tyred and enable a safe load to be manoeuvred with ease. Supplied with 40 x TC2 Red & 40 x TC2 Blue storage bins.

- **Individual Bin Sizes: 165 x 100 x 75mm**
- **All containers are supplied with I.D labels**

*** Ships directly from the supplier**

Part No.	Qty	Overall Dimensions (W x D x H)
SB95 *	1 Kit	1160 x 1000 x 530 mm

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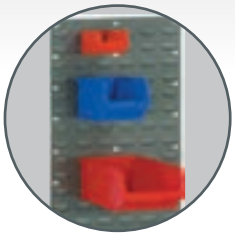

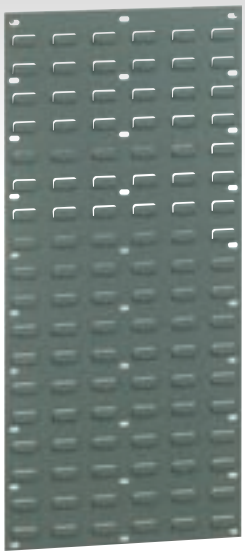

BARTON Wall Mountable Louvred Panel

Precision formed heavy gauge steel with silver/grey epoxy powder coated finish. (Storage bins shown are NOT included). Wall fixings NOT included.

- **Unique double indented louvre provides extra strength.**

Part No.	Qty	Size (W x H)	
SB36	1	457 x 641 mm	(18" x 25 1/4")
SB35	1	457 x 946 mm	(18" x 37 1/4")

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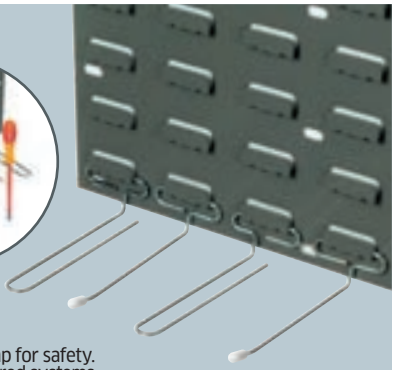

BARTON Wire Hangers (Spigots)

Manufactured from 3.6 mm wires.
Single wire type c/w a rubber end cap for safety.
Compatible with most standard louvred systems.
Suits: SB35, SB4, SB5, SB13, SB14, SB15. (Tools shown are NOT included)

Part No.	Qty	Type	Length
SB30	10	Single Wire	152 mm
SB32	10	Double Wire	152 mm

BARTON
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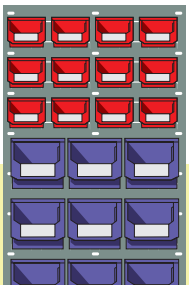
BARTON Hanging Rods

For tubing, fan-belts, exhaust clamps etc.

Part No.	Pack of	Length	
SB34	2	300 mm	(12")



Looking for Bin Layout Ideas?

Overleaf are Storage Bin + Louvred Panel example layout configuration ideas

BARTON
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BARTON Racking Unit/Panel & Bins

Heavy-duty, powder coated blue Louvred Panel on 500 mm feet and fits bespoke header board (not included). Boltless and heavy-duty Racking Unit consisting of powder coated blue uprights, galvanised frame beams and ties with metal shelves.

*** Ships directly from the supplier**

Part No.	Qty	Description
SB200 *	1 Kit	**Racking Unit/Panel & Bins**

Louvred panel comes with: 3 TC7 Red bins , 24 Assorted hooks.
Racking unit comes with: 8 Shelves (600 x 970 mm), 22 Bins (600 x 120 x 95 mm), 8 Bins (600 x 240 x 150 mm), 5 Bins (600 x 240 x 95 mm) - all bins come with dividers.

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BARTON Standard Shelving System c/w Storage Bins

Boltless heavy duty hand loaded shelving system. Galvanised frames beams with chipboard shelves.Overall Dimensions (H x W x D): 1800 x 900 x 450 mm
Max load per shelf: 265 Kg.

- **Fully adjustable shelving.**

*** Ships directly from the supplier**

Part No.	Qty	Description
SB63BU *	1 Kit	**Shelving Unit c/w 40 x SB23BU Bins**
SB63RE *	1 Kit	**Shelving Unit c/w 40 x SB23RE Bins**
SB61 *	1	**Shelving System Only** (without Bins)

SSI SCHAEFER

SSI SCHAEFER Storage Bins - LF211

Dimensions (D x W x H): 160 x 95 x 75 mm
(6 1/4" x 3 3/4" x 3").Sturdy polyethylene bins with label holders. Compatible with most louvre systems.

Part No.	Qty	Colour
SB1BU	10	**Blue**
SB1RE	10	**Red**
SB1DIV	10	**Dividers**

SSI SCHAEFER Storage Bins - LF221

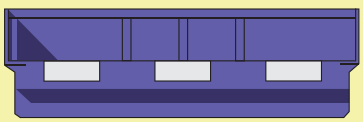
Dimensions (D x W x H): 230 x 140 x 130 mm
(9" x 5 1/2" x 5").Sturdy polyethylene bins with label holders. Compatible with most louvre systems.

Part No.	Qty	Colour
SB2BU	10	**Blue**
SB2RE	10	**Red**
SB2DIV	10	**Dividers**

SSI SCHAEFER Storage Bins - LF321

Dimensions (D x W x H): 350 x 200 x 145 mm
(13 3/4" x 7 3/4" x 5 3/4"). Sturdy polyethylene bins with label holders. Compatible with most louvre systems.

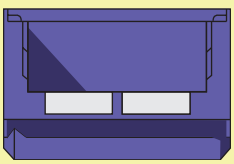
Part No.	Qty	Colour
SB3BU	6	**Blue**
SB3RE	6	**Red**
SB3DIV	10	**Dividers**



SSI SCHAEFER Storage Bins - LF341 (14/7-3ZD)

External Dimensions (D x W x H):
350 x 470 x 145 mm (
13 3/4" x 17 3/4" x 5 3/4").
Sturdy polyethylene bins with label holders.
Compatible with most louvre systems.

Part No.	Pack of	Colour
SB7BU	10	**Blue**
SB7RE	10	**Red**
SB7DIV	10	**Dividers**



SSI SCHAEFER Storage Bins - LF532

Dimensions (D x W x H): 500 x 300 x 200 mm
(19 3/4" x 11 3/4" x 7 3/4").Sturdy polyethylene bins with label holders.
This bin size does NOT fit louvred panels for safety reasons.

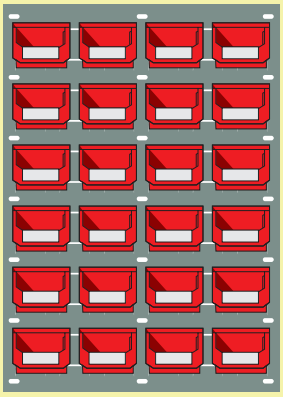
Part No.	Pack of	Colour
SB8BU	10	**Blue**
SB8RE	10	**Red**
SB8DIV	10	**Dividers**

BARTON® STORAGE SYSTEMS LIMITED

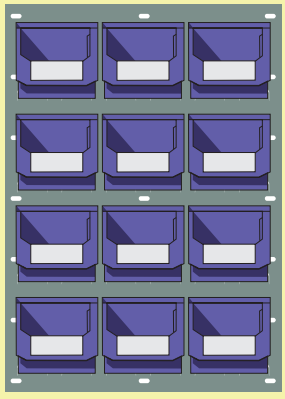
SSI SCHAEFER

Storage Bin + Louvred Panels Example Layouts

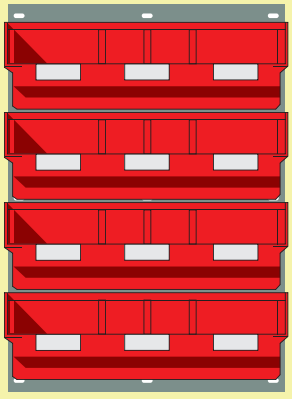
All BARTON and SSI SCHAEFER Storage Bins are compatible with BARTON Louvred Panels, unless stated otherwise. Illustrations are for guidance purposes only.



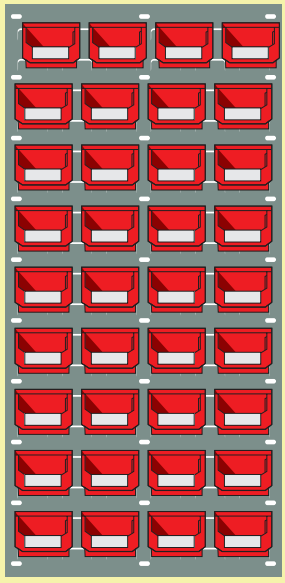
SB36 Panel + **SB1RE** or **SB21RE** Storage Bins



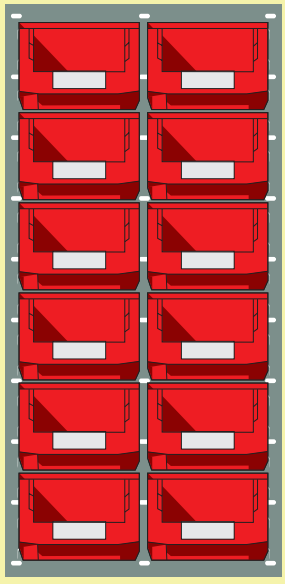
SB36 Panel + **SB3BU** or **SB23BU** Storage Bins



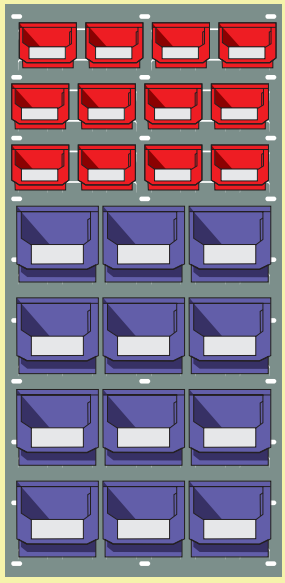
SB36 Panel + **SB7RE** Storage Bins



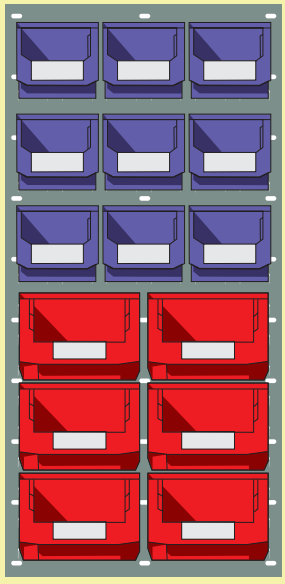
SB35 Panel + **SB1RE** or **SB21RE** Storage Bins



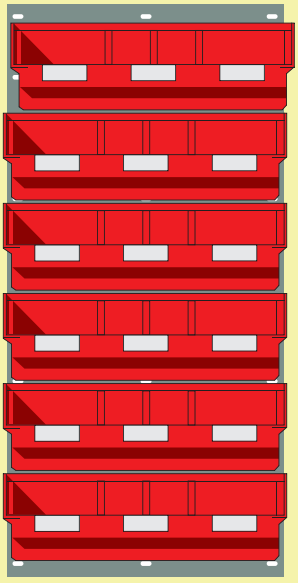
SB35 Panel + **SB8RE** Storage Bins



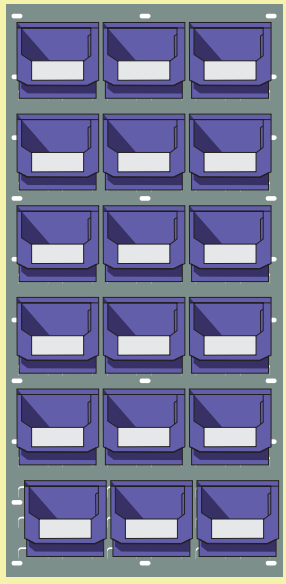
SB35 Panel + **SB1RE** or **SB21RE** + **SB3BU** or **SB23BU** Storage Bins



SB35 Panel + **SB2BU** or **SB22BU** + **SB8RE** Storage Bins



SB35 Panel + **SB7RE** Storage Bins



SB35 Panel + **SB2BU** or **SB22BU** Storage Bins

MAX BOX

AB 'Max Box'

Large size transparent polypropylene compartment box.
Dimensions (W x H x D): 330 x 60 x 225 mm.

Part No.	Description
ABX	Adjustable 24-Compartments

AB 'Max Box' Carrying Case

Made from cold rolled steel, finished in grey baked enamel.

- **Holds up to 5 boxes (NOT included).**
- **Keyhole slots enable case to be wall-mounted.**
- **Bolt holes enable cases to be stacked.**

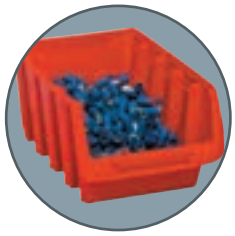
Part No.	Qty	Description
SB101	1	Carrying Case

AB 'Max Box' Carrying Case Locking Hinge

Holds boxes in place whilst being transported. Can be locked with a padlock (NOT included). (Boxes NOT included).

Part No.	Qty	Description
SB102	1	Locking Hinge

Clarke



CLARKE Mobile Double Sided Storage System

Steel rack is mounted on 4 heavy duty castors (2 lockable). Supplied with 94 removable storage bins.

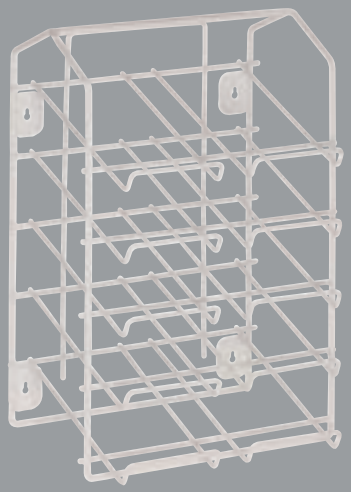
Part No.	Qty	Overall Dimensions (W x D x H)
SB94	1 Kit	940 x 500 x 1.245 mm

AB 'Flip Box'

Standard size transparent polypropylene box. Complete with 8 dividers.
Dimensions (W x H x D): 215 x 45 x 140 mm.

- **Hinged lid overlaps on all sides of the box tray.**
- **2 x Snap latches for secure closing.**
- **8 x Removable dividers provide up to 10 compartments in various configurations.**
- **Boxes can be stacked or stored in a Storage Rack (Part No. ABR).**

Part No.	Qty	Description
ABM	1	AB Flip Box



Storage Rack for AB 'Flip Box'

PVC coated wire. Dimensions (H xW x D): 460 x 300 x 210 mm. (Boxes shown NOT included).

- **Holds up to 10 boxes for fast and easy retrieval.**
- **Can be free-standing or wall mounted.**

Part No.	Qty	Description
ABR	1	Storage Rack

BARTON
STORAGE SYSTEMS LIMITED

BARTON Steel Kick Step

Steel Kick Step is a premium GS approved quality mobile step which provides easy step up access preventing excessive stretching.

- **Mounted on retractable spring mounted castors Kick Step can easily be moved into position without bending or lifting and when stepped on Kick Step locks into position allowing safe access.**
- **Sturdy steel construction with anti-slip rubber treads and base surround provides a solid platform from which to work.**

Part No.	Qty	Dimensions (H x W x D)	Colour	Safe Working Load
SB142	1	400 x 260 x 430 mm	Blue	150 Kg

BARTON
STORAGE SYSTEMS LIMITED

BARTON Step Ladders - 3 Tread

Folding step ladders with a platform height of 710 mm.

- **Foldable for easier storage**
- **Distance between Treads: 230mm**
- **Fitted with a rubber comfort handle**
- **Non slip treads**
- **Powder coated silver/grey**
- **Safe Working load: 150kg**

Part No.	Qty	Open (H x W x D)	Folded (H x W x D)
SB143	1	1065 x 490 x 665 mm	1220 x 140 x 490 mm

BARTON
STORAGE SYSTEMS LIMITED

BARTON Telescopic Aluminium Sack Truck

A truck designed to transport small goods/parcels in almost any environment.

- **Folds completely flat when not in use**
- **Telescopic handle**
- **Folding footplate**
- **Fitted with rubber cushion wheels**

Part No.	Qty	Open (H x W x D)	Folded (H x W x D)	Capacity
SB141	1	1105 x 400 x 410 mm	740 x 400 x 180 mm	90 Kg

BARTON
STORAGE SYSTEMS LIMITED

BARTON Flatbed Trolley

A sturdy, highly manoeuvrable steel trolley suitable for transporting various goods.

- **Powder coated steel handles**
- **Folds flat for compact storage**
- **Fitted with non-slip rubber platforms and scuff resistant corners**
- **Fitted with non-marking wheels (two fixed, two swivel)**

*** Ships directly from the supplier**

Part No.	Qty	Extended (H x W x D)	Folded Height	Capacity
SB140 *	1	810 x 470 x 730 mm	230 mm	150 Kg

Polythene Bags

Made from LDPE plastic which can be fully recycled.

Part No.	Qty	Size		Gauge
BAG1	1000	2 1/4" x 4"	57.2 x 101.6 mm	250g
BAG2	1000	4" x 6"	101.6 x 152.4 mm	250g
BAG8	1000	12" x 18"	304.8 x 457.2 mm	250g
BAG3	1000	4" x 6"	101.6 x 152.4 mm	500g
BAG4	1000	5" x 7"	127 x 177.8 mm	500g
BAG5	1000	6" x 8"	152.4 x 203.2 mm	500g
BAG6	1000	7" x 9"	177.8 x 228.6 mm	500g
BAG7	1000	8" x 12"	203.2 x 304.8 mm	500g
BAG9	500	16" x 24"	406.4 x 609.6 mm	500g
BAG10	500	12" x 16"	304.8 x 406.4 mm	750g

Layflat Tubing

Part No.	Qty	Width x Length	Gauge	
BAG13	1 Roll	3" x 150m	500g	80
BAG23	1 Roll	4" x 160m	500g	100
BAG21	1 Roll	6" x 150m	500g	150
BAG22	1 Roll	10" x 150m	500g	250
BAG24	1 Roll	16" x 155m	500g	400
BAG11	1 Roll	4" x 120m	750g	100
BAG12	1 Roll	4" x 100m	1000g	100

Crossweave Tape

Clear polypropylene tapereinforced with crossweave glass fibre, coated with a synthetic rubber resin adhesive.

- **High tensile strength for heavy duty bundling and packaging**
- **Recommended for packing of pallets and for high level reinforcements**

Part No.	Qty	Colour	Width x Length
TAPE52	1 Roll	Clear	50 mm x 50 m

Wide Carton Sealing Tape

Clear polypropylene.
Suitable for use with dispenser Part No. TAPE10.

- **Low Noise**

Part No.	Box of	Colour	Width x Length
TAPE11	24 Rolls	Clear	72 mm x 132 m

Wide Carton Sealing Tape Dispenser Gun

Suitable for use with Part No. TAPE11.

Part No.	Qty	Description
TAPE10	1	75 mm Tape Gun

Carton Sealing Tape

Brown polypropylene.
Suitable for use with dispenser Part No. TAPE3.

Part No.	Pack of	Colour	Width x Length
TAPE2	6 Rolls	Brown	50 mm x 60 m

Carton Sealing Tape Dispenser Gun

Suitable for use with Part No. TAPE2.

Part No.	Qty	Description
TAPE3	1	50 mm Tape Gun

'Everyday' ESSENTIALS

The 'Everyday' ESSENTIALS range consists of 120 popular products for you to choose from

The 'Everyday' ESSENTIALS stand unit, available separately, allowing you to mix and match your own display with products to suit your market

Full top up pack range is available from page 538

'Everyday' ESSENTIALS Stand

Stand dimensions (W x H): 70 x 175 cm.
Free-standing or wall mountable stand.
Complete with header card. (Supplied WITHOUT stock).

- **48 individual pegs hold over 240 ESSENTIALS packs (5 per peg)**

Part No.	Qty	Description
YSTAND1	1	Empty Stand Only

Easy To Re-Stock

All of the ESSENTIALS are supplied in boxes of 5 Packs. Each peg on the stand holds exactly 5 packs so you can top up your products quick and easy!

Trim Clip ESSENTIALS

The Trim Clip ESSENTIALS Counter Display comes with a header card featuring actual size trim Clip images. The header card makes it quck and easy to choose the right trim clips and also aids in replenishing stock, doubling up as a planogram for the stand too

Top up packs are available on pages 536 and 537

Trim Clip ESSENTIALS Counter Display Starter Kit

Dimensions: W: 32 cm x H: 63 cm.
Counter display rotating carousel stand.
Complete with starter stock of 108
Trim Clip ESSENTIALS refill packs (3 of each pack).

Part No.	Qty	Description
YKIT2	1 Kit	Counter Display Kit

Trim Clip ESSENTIALS

The Trim Clip ESSENTIALS range of top up packs are listed on pages 536 and 537

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ESSENTIALS

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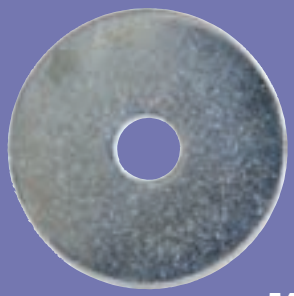
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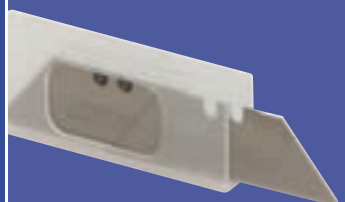
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Trim Clip ESSENTIALS

1:1 Actual Size Images

Fir-Tree Fixings

Black. Suits CITROËN/ CHRYSLER/FORD/GM/ PEUGEOT.

Part No.	Qty
YFIX500	5 x 8

Black. Suits PEUGEOT.

Part No.	Qty
YFIX501	5 x 8

Black. Suits HONDA/ SUZUKI.

Part No.	Qty
YFIX502	5 x 8

Black. Suits BMW/ CHRYSLER/FORD/GM.

Part No.	Qty
YFIX503	5 x 8

Black.

Part No.	Qty
YFIX504	5 x 8

Black.

Part No.	Qty
YFIX505	5 x 8

Push Rivets

Black. Suits MITSUBISHI/ TOYOTA/SUZUKI/GM/ Universal.

Part No.	Qty
YFIX510	5 x 8

Black. Suits CHRYSLER/ HONDA/MITSUBISHI/ TOYOTA.

Part No.	Qty
YFIX512	5 x 8

Black. Suits TOYOTA.

Part No.	Qty
YFIX511	5 x 8

Black. Suits BMW.

Part No.	Qty
YFIX513	5 x 8

Black. Suits GM.

Part No.	Qty
YFIX514	5 x 8

Black. Suits BMW.

Part No.	Qty
YFIX506	5 x 8

Drive Rivets

Black. Suits AUDI/BMW/ CITROËN/PEUGEOT/ RENAULT/VW.

Part No.	Qty
YFIX515	5 x 8

Black. Suits AUDI/BMW/ DAEWOO/FORD/GM/ MERCEDES/VOLVO/BMW.

Part No.	Qty
YFIX517	5 x 8

Black. Suits VOLVO.

Part No.	Qty
YFIX516	5 x 8

Black Suits MAZDA/ NISSAN.

Part No.	Qty
YFIX507	5 x 8

Black. Suits CITROËN/ FIAT/PEUGEOT/ RENAULT.

Part No.	Qty
YFIX508	5 x 8

Black. Suits HONDA/ TOYOTA.

Part No.	Qty
YFIX509	5 x 8

Trim Clip ESSENTIALS

1:1 Actual Size Images

Screw Rivets

Black. Suits FORD GM/ HONDA/MAZDA.

Part No.	Qty
YFIX522	5 x 8

Black. Suits FORD.

Part No.	Qty
YFIX518	5 x 8

Black.Suits HONDA.

Part No.	Qty
YFIX519	5 x 8

Black. Suits FORD/ HYUNDAI/KIA/MAZDA.

Part No.	Qty
YFIX520	5 x 8

Black. Suits FORD/KIA/ MAZDA/NISSAN.

Part No.	Qty
YFIX523	5 x 8

Black. Suits HONDA/ LAND ROVER/ MAZDA/ MINI/NISSAN/ SSANGYONG/TOYOTA.

Part No.	Qty
YFIX521	5 x 8

Locking Nuts

Natural. Universal

Part No.	Qty
YFIX524	5 x 8

Natural. Suits TOYOTA.

Part No.	Qty
YFIX525	5 x 8

Black. Suits LEXUS/TOYOTA.

Part No.	Qty
YFIX526	5 x 8

Panel Clips

Natural. Suits GM.

Part No.	Qty
YFIX527	5 x 8

Natural. Suits CITROËN/ PEUGEOT.

Part No.	Qty
YFIX529	5 x 8

White. Suits BMW/ FORD.

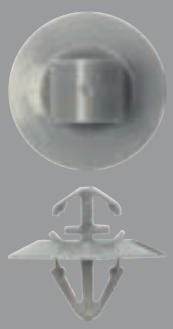
Part No.	Qty
YFIX528	5 x 8

Natural. Suits GM/ HONDA/MAZDA/ MITSUBISHI/ SUBARU/SUZUKI/ TOYOTA.

Part No.	Qty
YFIX531	5 x 8

White. Suits HYUNDAI/ SUZUKI/TOYOTA.

Part No.	Qty
YFIX530	5 x 8



Grey. Suits GM/ NISSAN/RENAULT.

Part No.	Qty
YFIX533	5 x 8

White. Suits PEUGEOT.

Part No.	Qty
YFIX532	5 x 8

White/Black Surround. Suits CITROËN/FIAT/ PEUGEOT.

Part No.	Qty
YFIX534	5 x 8

White/Black Washer. Suits HYUNDAI/KIA.

Part No.	Qty
YFIX535	5 x 8

Electrical Assembly 'Everyday' ESSENTIALS

Red Insulated Push-on Females

Part No.	Qty
YET9	5 x 25
Width	6.3 mm

Red Push-on Males

Part No.	Qty
YET36	5 x 25
Width	6.3 mm

Red Bullets

Part No.	Qty
YET15	5 x 25
Ø	4.0 mm

Red Receptacle Sockets

Part No.	Qty
YET18	5 x 25
Ø	4.0 mm

Red Butt Connectors

Part No.	Qty
YET33	5 x 25
O.D.	3.3 mm

Red Rings

Part No.	Qty
YET22	5 x 10
Ø	5.3 mm

Red Rings

Part No.	Qty
YET25	5 x 10
Ø	6.4 mm

Red Rings

Part No.	Qty
YET28	5 x 10
Ø	8.4 mm

Blue Push-on Females

Part No.	Qty
YET7	5 x 25
Width	6.3 mm

Blue Insulated Push-on Females

Part No.	Qty
YET10	5 x 25
Size	6.3 mm

Blue Push-on Males

Part No.	Qty
YET37	5 x 25
Ø	6.3 mm

Blue Bullets

Part No.	Qty
YET16	5 x 25
Ø	5.0 mm

Blue Receptacle Sockets

Part No.	Qty
YET19	5 x 25
Ø	5.0 mm

Blue Butt Connectors

Part No.	Qty
YET34	5 x 25
O.D.	4.0 mm

Blue Rings

Part No.	Qty
YET23	5 x 10
Size	5.3 mm

Blue Rings

Part No.	Qty
YET26	5 x 10
Size	6.4 mm

Blue Rings

Part No.	Qty
YET29	5 x 10
Size	8.4 mm

Yellow Rings

Part No.	Qty
YET27	5 x 10
Ø	6.4 mm

Yellow Rings

Part No.	Qty
YET30	5 x 10
Ø	8.4 mm

Red Heat Shrink Butt Connectors

Part No.	Qty
YET91	5 x 5
Ø	3.7 mm

Blue Heat Shrink Butt Connectors

Part No.	Qty
YET92	5 x 5
Ø	5.0 mm

Yellow Heat Shrink Butt Connectors

Part No.	Qty
YET93	5 x 5
Ø	6.5 mm

Copper Tube Terminals (Cable Lugs)

Part No.	Qty
YET72	5 x 2
Ø x Hole 25 mm² x 8 mm	

Copper Tube Terminals (Cable Lugs)

Part No.	Qty
YET73	5 x 2
Ø x Hole 35 mm² x 8 mm	

Copper Tube Terminals (Cable Lugs)

Part No.	Qty
YET74	5 x 2
Ø x Hole 35 mm² x 10 mm	

Standard Blade Fuses

Part No.	Qty
YEFX10	5 x 10
Amperage	10 A

Standard Blade Fuses

Part No.	Qty
YEFX15	5 x 10
Amperage	15 A

Standard Blade Fuses

Part No.	Qty
YEFX20	5 x 10
Amperage	20 A

Mixed Standard Blade Fuses

Part No.	Qty
YEFXM1	5 x 6
Amperages	10, 15, 20 A

Mini Blade Fuses

Part No.	Qty
YEFX110	5 x 10
Amperage	10 A

Mini Blade Fuses

Part No.	Qty
YEFX115	5 x 10
Amperage	15 A

Mini Blade Fuses

Part No.	Qty
YEFX120	5 x 10
Amperage	20 A

Mixed Mini Blade Fuses

Part No.	Qty
YEFXM2	5 x 6
Amperages	10, 15, 20 A

Electrical Assembly 'Everyday' ESSENTIALS

Standard Blade Fuse Holders

Part No.	Qty
YEFH150	5 x 1
Amperage	20 A

Mini Blade Fuse Holders

Part No.	Qty
YEFH140	5 x 1
Amperage	20 A

Domestic Mains Fuses

Part No.	Qty
YEFD13	5 x 5
Amperage	13 A

Mixed Domestic Mains Fuses

Part No.	Qty
YEFDM1	5 x 5
Amperages	3, 5, 13 A

Snap-Lock Connectors

Part No.	Qty
YESL52	5 x 5
Colour	Blue

PVC Insulation Tape

Part No.	Qty
YEPT1	5 x 1
Colour	Black

Lithium Coin Batteries

Part No.	Qty
YBAT25	5 x 2
Size	CR2025

Lithium Coin Batteries

Part No.	Qty
YBAT32	5 x 2
Size	CR2032

Rubber Lined P-Clips

Part No.	Qty
YEAC106	5 x 2
Size	6 mm

Rubber Lined P-Clips

Part No.	Qty
YEAC108	5 x 2
Size	8 mm

Rubber Lined P-Clips

Part No.	Qty
YEAC110	5 x 2
Size	10 mm

P-Clips

Part No.	Qty
YEAC406	5 x 10
For Cable Ø	6.0 mm

Silver/Grey Cable Ties

Part No.	Qty
YECTG57	5 x 25
L x W	370 x 4.8 mm

Black Cable Ties

Part No.	Qty
YECT81	5 x 50
L x W	100 x 2.5 mm

Black Cable Ties

Part No.	Qty
YECT82	5 x 50
L x W	200 x 4.8 mm

Black Cable Ties

Part No.	Qty
YECT83	5 x 50
L x W	300 x 4.8 mm

Black Cable Ties

Part No.	Qty
YECT84	5 x 25
L x W	370 x 7.6 mm

Black Cable Ties

Part No.	Qty
YECT87	5 x 25
L x W	390 x 4.8 mm

Threaded Fasteners 'Everyday' ESSENTIALS

Metric Steel Nuts

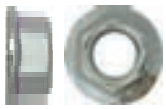
Part No.	Qty
YHSN22	5 x 20
Size	M6

Metric Steel Nuts

Part No.	Qty
YHSN24	5 x 20
Size	M8

Metric Steel Nuts

Part No.	Qty
YHSN25	5 x 10
Size	M10



Metric Serrated Flange Nuts

Part No.	Qty
YHSN56	5 x 20
Size	M6

Metric Serrated Flange Nuts

Part No.	Qty
YHSN58	5 x 20
Size	M8

Metric Serrated Flange Nuts

Part No.	Qty
YHSN60	5 x 10
Size	M10

Metric Nylon Lock Nuts

Part No.	Qty
YHNN21	5 x 20
Size	M6

Metric Nylon Lock Nuts

Part No.	Qty
YHNN22	5 x 20
Size	M8

Metric Nylon Lock Nuts

Part No.	Qty
YHNN23	5 x 10
Size	M10

'Form A' Flat Washers

Part No.	Qty
YHFW13	5 x 20
I.D. x O.D.	M6 x 12

'Form A' Flat Washers

Part No.	Qty
YHFW14	5 x 20
I.D. x O.D.	M8 x 17

'Form A' Flat Washers

Part No.	Qty
YHFW15	5 x 10
I.D. x O.D.	M10 x 21

Repair Washers

Part No.	Qty
YHRW2	5 x 20
I.D. x O.D.	1/4" x 1"

Repair Washers

Part No.	Qty
YHRW3	5 x 20
I.D. x O.D.	5/16" x 1"

Repair Washers

Part No.	Qty
YHRW15	5 x 20
I.D. x O.D.	3/8" x 1 1/4"

Metric Set Screws

Part No.	Qty
YHSS44	5 x 20
Size x Length	M6 x 25

Metric Set Screws

Part No.	Qty
YHSS46	5 x 10
Size x Length	M6 x 50

Metric Set Screws

Part No.	Qty
YHSS50	5 x 10
Size x Length	M8 x 25

Metric Set Screws

Part No.	Qty
YHSS52	5 x 10
Size x Length	M8 x 50

Metric Set Screws

Part No.	Qty
YHSS53	5 x 10
Size x Length	M10 x 25

Metric Set Screws

Part No.	Qty
YHSS55	5 x 5
Size x Length	M10 x 50

Large Flange Multi-grip Rivets

Part No.	Qty
YPR107	5 x 10
Ø x Length	4.8 x 19 mm

Standard Flange Black Rivets

Part No.	Qty
YPRB11	5 x 20
Ø x Length	3.2 x 8 mm

Large Flange Black Rivets

Part No.	Qty
YPRB21	5 x 10
Ø x Length	3.2 x 10 mm

Sheet Metal Screws with Captive Washer

Part No.	Qty
YAS23	5 x 10
Gauge x Length	10 x 3/4"

Sheet Metal Screws with Captive Washer

Part No.	Qty
YAS33	5 x 10
Gauge x Length	12 x 3/4"

Sheet Metal Screws with Captive Washer

Part No.	Qty
YAS4	5 x 10
Gauge x Length	14 x 3/4"

Hardware + Fixings 'Everyday' ESSENTIALS

Self-Tapping Screws Flanged Head Pozi Black

Part No.	Qty
YHTK6/4	5 x 50
Gauge x Length	6 x 1/2"

Self-Tapping Screws Flanged Head Pozi Black

Part No.	Qty
YHTK8/6	5 x 50
Gauge x Length	8 x 3/4"

Self-Tapping Screws Flanged Head Pozi Black

Part No.	Qty
YHTK10/4	5 x 50
Gauge x Length	10 x 1/2"

Self-Tapping Screws Flanged Head Pozi Black

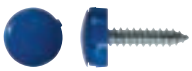
Part No.	Qty
YHTK10/6	5 x 50
Gauge x Length	10 x 3/4"

U-Nuts

Part No.	Qty
YHUC3	5 x 10
Screw Ø	No. 10 (4.8 mm)

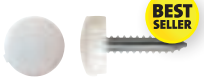
U-Nuts

Part No.	Qty
YHUC5	5 x 10
Screw Ø	No. 14 (6.3 mm)



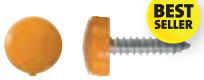
No. Plate Fasteners

Part No.	Qty
YNP19	5 x 20
Colour	Blue



No. Plate Fasteners

Part No.	Qty
YNP3	5 x 20
Colour	White



No. Plate Fasteners

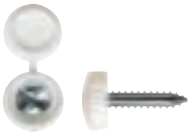
Part No.	Qty
YNP4	5 x 20
Colour	Yellow

No. Plate Fasteners

Part No.	Qty
YNP6	5 x 20
Colour	Black

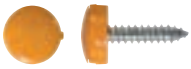
Mixed No. Plate Fasteners

Part No.	Qty
YNPM1	5 x 8
Colours	White, Yellow, Black, Blue



Security No. Plate Fasteners

Part No.	Qty
YNP33	5 x 20
Colour	White



Security No. Plate Fasteners

Part No.	Qty
YNP34	5 x 20
Colour	Yellow

Security No. Plate Fasteners

Part No.	Qty
YNP35	5 x 20
Colour	Black

Mixed Security No. Plate Fasteners

Part No.	Qty
YNPM2	5 x 8
Colours	White, Yellow, Black, Blue

Trim Buttons - Fir-Tree

Part No.	Qty
YFIX20	5 x 10
Ø x H	16 x 15 mm

Trim Buttons - Fir-Tree

Part No.	Qty
YFIX29	5 x 10
Ø x H	18 x 28 mm

Trim Buttons - Fir-Tree

Part No.	Qty
YFIX21	5 x 10
Ø x H	24 x 18 mm

Drive Rivets

Part No.	Qty
YFIX39	5 x 5
Ø x S	16 x 13 mm

Screw-Type Rivets

Part No.	Qty
YFIX31	5 x 5
Ø x S	15 x 13 mm

Hardware, Hose Clips + Automotive 'Everyday' ESSENTIALS

Split Pins - Imperial

Part No.	Qty
YHSP8	5 x 10
O.D. x Length	5/32" x 2"

Split Pins - Imperial

Part No.	Qty
YHSP9	5 x 10
O.D. x Length	3/16" x 2"

Linch Pins with O-Ring

Part No.	Qty
YLP1	5 x 2
Pin Size	1/4" x 1 3/4"

Brake Pad Pin Retainers

Part No.	Qty
YBR6	5 x 10
Size	Small

Brake Pad Pin Retainers

Part No.	Qty
YBR7	5 x 10
Size	Large

JCS 'Hi-Grip' Hose Clips

Part No.	Qty
YJCSM00	5 x 3
Range	11 - 16 mm

JCS 'Hi-Grip' Hose Clips

Part No.	Qty
YJCS0	5 x 3
Range	14 - 22 mm

JCS 'Hi-Grip' Hose Clips

Part No.	Qty
YJCS0X	5 x 2
Range	17 - 25 mm

Mini Hose Clips

Part No.	Qty
YHCA11	5 x 5
Ø Range	10 - 12 mm

Mini Hose Clips

Part No.	Qty
YHCA12	5 x 5
Ø Range	11 - 13 mm

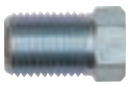
Mini Hose Clips

Part No.	Qty
YHCA13	5 x 5
Ø Range	12 - 14 mm

Cutting + Drilling 'Everyday' ESSENTIALS

Short Metric Male Brake Nuts

Part No.	Qty
YBN11	5 x 4
Ø x Pitch	M10 x 1.00 mm



Full Thread Metric Male Brake Nuts

Part No.	Qty
YBN13	5 x 4
Ø x Pitch	M10 x 1.00 mm

Short Metric Female Brake Nuts

Part No.	Qty
YBN46	5 x 4
Ø x Pitch	M10 x 1.00 mm

Tyre Valve Caps Plastic

Part No.	Qty
YTY120	5 x 10
Type	Plastic

Standard Trim Knife Blades

Part No.	Qty
YTL662	5 x 10
Description	Knife Blades

ALPEN 'Sprint' HSS Jobber Twist Drills - Imperial

Part No.	Qty
YDR18	5 x 2
Ø	1/8"

ALPEN 'Sprint' HSS Jobber Twist Drills - Imperial

Part No.	Qty
YDR316	5 x 1
Ø	3/16"

ALPEN 'Sprint' HSS Jobber Twist Drills - Metric

Part No.	Qty
YDRM3.3	5 x 2
Ø	3.3 mm

ALPEN 'Sprint' HSS Jobber Twist Drills - Metric

Part No.	Qty
YDRM4	5 x 2
Ø	4.0 mm

ALPEN 'Sprint' HSS Jobber Twist Drills - Metric

Part No.	Qty
YDRM5	5 x 2
Ø	5.0 mm

ALPEN 'Sprint' HSS Jobber Twist Drills - Metric

Part No.	Qty
YDRM6	5 x 1
Ø	6.0 mm

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EV Tools + Equipment

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544 EV Consumables Bundles
545 EV PPE
546 EV Safety
547 EV Signage
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550 EV Tools

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EV Service Kit Bundle

Comprehensive service kit for EV vehicles.

Part No.	Qty	Description
EVKIT1	1 Kit	**19 Piece Kit**

Contents: EVH1 EV Red/White Safety Chain 6mm x 25m x1; EVH2 EV Chain Support Post x4;
EVH3 EV Chain Support Heavy Base x4; EVH10 EV Arc Flash Face Shield L/Weight x1;
EVH11 EV Face Shield Protective Bag x1; EVH16 EV Rescue Safety Pole x1; EVH17 EV Insulated Rubber Mat 1m x1;
EVH30 EV Steering Wheel Lockout & Sign x1; EVH32 EV Voltage Detector Up To 1000V x1;
EVH34 EV Disconnect Shut Down Timer x1; EVH36 EV High Voltage Signs For Chain x1;
EVH43 EV Insulated Gloves L x1; EVH46 EV Leather Gauntlet Overglove L x1.

EV Service/EV Lockout Kit Bundle

Comprehensive service and lockout kit bundle for EV vehicles.

Part No.	Qty	Description
EVKIT2	1 Kit	**24 Piece Kit**

Contents: EVH10 EV Arc Flash Face Shield L/Weight x1; EVH11 EV Face Shield Protective Bag x1;
EVH43 EV Insulated Gloves L x1; EVH46 EV Leather Gauntlet Overglove L x1;
EVH1 EV Red/White Safety Chain 6mm x 25m x1; EVH2 EV Chain Support Post x4;
EVH3 EV Chain Support Heavy Base x4; EVH16 EV Rescue Safety Pole x1; EVH17 EV Insulated Rubber Mat 1m x1;
EVH36 EV High Voltage Signs For Chain x1; EVH30 EV Steering Wheel Lockout & Sign x1;
EVH32 EV Voltage Detector Up To 1000V x1; EVH34 EV Disconnect Shut Down Timer x1;
EVH25 EV Lockout Station x1; EVH23 EV Lockout Safety Padlock x1; EVH24 EV Lockout Long Shackle Padlock x1;
EVH4 EV Isolation Port (MSD) Lockout Device x1; EVH26 EV High Voltage Identification Tags x1.

EV Posts & Chains Kit Bundle

Highly visible post and chain system to cordon off the working area around the car.

Part No.	Qty	Description
EVKIT3	1 Kit	**9 Piece Kit**

Contents: EVH1 EV Red/White Safety Chain 6mm x 25m x1; EVH2 EV Chain Support Post x4;
EVH3 EV Chain Support Heavy Base x4.

EV Posts & Chains Kit/EV Sign Bundle

Highly visible post and chain system to cordon off the working area around the car plus pack of 3 warning signs.

Part No.	Qty	Description
EVKIT4	1 Kit	**10 Piece Kit**

Contents: EVH1 EV Red/White Safety Chain 6mm x 25m x1; EVH2 EV Chain Support Post x4;
EVH3 EV Chain Support Heavy Base x4; EVH36 EV High Voltage Signs For Chain x1.

EV Lockout Kit Bundle

Lockout kit for EV vehicles.

Part No.	Qty	Description
EVKIT5	1 Kit	**5 Piece Kit**

Contents: EVH25 EV Lockout Station x1; EVH23 EV Lockout Safety Padlock x1;
EVH24 EV Lockout Long Shackle Padlock x1; EVH4 EV Isolation Port (MSD) Lockout Device x1;
EVH26 EV High Voltage Identification Tags x1.

DELTAPLUS

DELTAPLUS Safety Helmet with EV Arc Flash Face Shield

ABS dual shell safety helmet with polycarbonate retractable visor. Includes a microfibre protective storage bag.

- **Class 1 electric arc protection (GS-ET-29) to 1,500 VDC**
- **Suits head size 53-63 cm**
- **Anti-fog and anti-scratch protection**

Part No.	Qty	Description
WS420	1	Safety Helmet with Visor

EV Arc Flash Face Shield - Lightweight

Lightweight design with a flip front protector.

- **1.5mm visor thickness offers protection against short circuit electric arcs**
- **Visor comes with anti-fog acetate coating**
- **Adjustable headband gives a comfortable and secure fit**
- **Conforms to: EN166:2001 1 AT 8 9**

Part No.	Qty	Description
EVH10	1	EV Face Shield L/W

EV Face Shield Protective Bag

Protective bag to safely store the EVH10 lightweight face shield.

Part No.	Qty	Description
EVH11	1	EV Face Shield Bag

EV Leather Gauntlet Overgloves

Worn over electricians gloves.

- **Extends the lifespan of the electricians gloves**
- **Provides additional mechanical protection and offers a higher level of grip**
- **Standards: 3111X, PPE CAT II**
- **Protects the electricians gloves in dirty or oily environments**

Part No.	Qty	Description	Size
EVH45	1 Pair	EV Gauntlets	M
EVH46	1 Pair	EV Gauntlets	L
EVH47	1 Pair	EV Gauntlets	XL

EV Insulated Gloves

Fully insulated electrical safety glove. Latex material offers excellent electrical resistance.

- **Class 0 rated for 1000v**
- **Standards: EN60903, PPE CAT III 0333**
- **Overall length 36cm**

Part No.	Qty	Description	Size
EVH42	1 Pair	EV Ins Gloves	M
EVH43	1 Pair	EV Ins Gloves	L
EVH44	1 Pair	EV Ins Gloves	XL
EVH53	1 Pair	EV Ins Gloves	XXL

EV Pneumatic Safety Glove Tester

Checks electrical insulation of gloves in accordance with EN60903.

- **The EN60903 standard recommends gloves should be checked prior to each use to ensure they are free from damage**
- **The pneumatic tester inflates the glove to check for air leaks caused by pinholes which renders them ineffective**

Part No.	Qty	Description
EVH5	1	EV Glove Tester

EV Arc Flash Hoodie

Arc flash protective fleece with hood. This premium hooded sweatshirt features a warm neck design, ideal for working outside.

- **Constructed from 320gsm VXS+ inherent sweat fabric with a brushed inner fleece lining for warmth**
- **Breathable, soft to wear and fantastic to touch**
- **Round neck higher collar**

Part No.	Qty	Colour	Description	Size
EVH12	1	Navy	EV Hoodie	S
EVH13	1	Navy	EV Hoodie	M
EVH14	1	Navy	EV Hoodie	L
EVH15	1	Navy	EV Hoodie	XL

EV Safety Boots

Protective boot with fibreglass toecap and composite anti-penetration flexi-midsole.

- **Complete with scuff cap and shock absorbing dual density EVA nitrile rubber outsole**
- **Upper material water repellent full grain black nubuck with breathable mesh panels**
- **Certified to withstand electrical risks of 18KV in accordance with the ASTM F2412-18 test method**
- **Specification: EN ISO 20345:2011 SB P E WRU FO SRC + ASTM F 2413-18 M/I/C R EH**

Part No.	Qty	Description	Size
EVH48	1 Pair	EV Safety Boots	8
EVH49	1 Pair	EV Safety Boots	9
EVH50	1 Pair	EV Safety Boots	10
EVH51	1 Pair	EV Safety Boots	11
EVH52	1 Pair	EV Safety Boots	12

JSP EV Red/White Safety Chain

Cordons off the working area around the vehicle.

- **Also designed as a multifunctional barrier**
- **High visibility for easy identification**
- **To be fitted to matching colour posts**
- **Chain has a breaking strain of 60kg (approx)**

Part No.	Qty	Description	Size
EVH1	1	EV Chain	6 mm x 25 m

JSPEV Chain Support Post

Support post to house EVH1 safety chains.
Height of post 90cm, diameter 4.5cm, weight 0.38kg.

- **Also designed as a multifunctional barrier**
- **High visibility for easy identification**
- **Posts have two spring clips to clip the chain over**

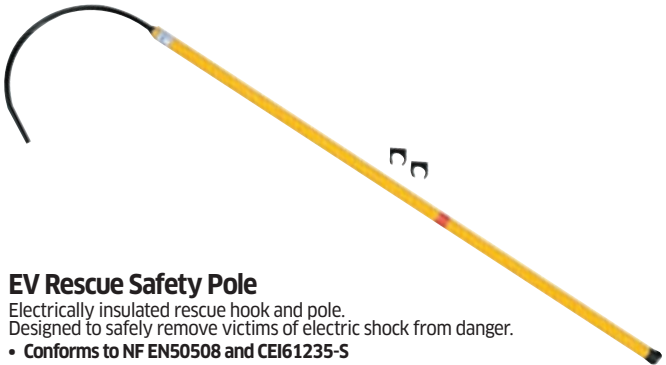
Part No.	Qty	Description
EVH2	1	EV Chain Post

JSP EV Chain Support Heavy Base

Heavy duty base for EVH2.
Base dimensions: diameter 34.5cm, height 8.4cm, weight 3Kg (approx).

- **Designed to house JSP posts**
- **Compact size takes up less floor space improving access**
- **Made from recycled PVC**

Part No.	Qty	Description
EVH3	1	EV Support Base



EV Rescue Safety Pole

Electrically insulated rescue hook and pole.
Designed to safely remove victims of electric shock from danger.

- **Conforms to NF EN50508 and CEI61235-S**
- **Rated to 45,000V**

Part No.	Qty	Description	Length
EVH16	1	EV Rescue Pole	145 cm

EV Insulated Rubber Mat 1m

Essential for ensuring the safety of technicians whilst working on electric and hybrid vehicles.

- **Manufactured to IEC61111 Class 0 international standards**
- **Offers protection up to 1,000 volts**

Part No.	Qty	Description	Size
EVH17	1	EV Rubber Mat	1 x 1 m

EV Transparent Insulating Shroud

Transparent shroud 1000v to isolate / protect high voltage parts. Prevents accidental contact with live terminals.

- **Easily installed and fitted - insulated safety clamps are recommended to secure the shroud in position**

Part No.	Qty	Description	Size
EVH18	1	EV Ins Shroud	1 x 1.3 m

EV Warning Wing Cover

Protects both the vehicle that's being worked on and fellow technicians.

- **Printed with hi-vis signage to identify the vehicle is a EV / Hybrid car that's being worked on**
- **Printed in durable, fade resistant inks in high impact colours for great visibility**
- **Manufactured with anti-slip soft rubber backing and polyester facing**

Part No.	Qty	Description	Size
EVH20	1	EV Wing Cover	90 x 60 cm

EV Car Fire Blanket

Manufactured from specialised quartz material with a silicon polymer coating.

- **High tech fabric engineering provides continuous temperature resistance up to 1,000°C and spikes of 1,600°C**
- **By deploying an EV car fire blanket the combustion potential can be minimised by depriving the fire of oxygen**
- **Once the fire is controlled the temperatures drop rapidly which prevents damage to surrounding vehicles and property**

Part No.	Qty	Description	Size
EVH19	1	EV Fire Blanket	8 x 6 m

EV Insulated Safety Clamp

Insulated spring loaded plastic clamp to hold the transparent shroud in place. Secures the shroud in place to prevent it from slipping and to protect from contact with live terminals.

- **Insulation rating to 1,000 volts**
- **Jaw opening: 25mm**

Part No.	Qty	Description	Size
EVH22	1	EV Safety Clamp	165 x 82 x 18 mm

EV Vehicle Warning Sign Pack

Complete assorted pack of electric vehicle warning signs.

- **Comes with:**
  Drivers door window sign: Size 300mm x 200mm
  Roof top warning sign: Size 310mm x 235mm x 3 sides
  Chain barrier warning signs x 3: Size 300mm x 200mm
- **Constructed from durable rigid plastic**
- **Perfect warning starter pack**

Part No.	Pack of	Description
EVH37	5	EV Warning Signs

EV High Voltage Floor Sign

Hazard warning floor sign.

- **High voltage sign to be used with additional signage / warnings to highlight electric / hybrid vehicles and the potential danger**
- **Warning of the potential hazards inside the workshop or garage with this double sided, highly visible warning sign**
- **Manufactured from hard wearing plastic with integral handle making it easier for carrying**

Part No.	Qty	Description	Height
EVH41	1	EV H/Volt Floor Sign	630 mm

EV High Voltage Sign

High voltage ISO pictogram denotes a hazard or prohibition message without text.

- **Fitted with a durable sucker to allow placement on any smooth surface**
- **Printed on a durable polymer panel**
- **Sign to warn the workforce or customers of the potential hazard**
- **Suitable for use throughout Europe**

Part No.	Qty	Description	Size
EVH35	1	EV H/Volt Sign	25 x 20 cm

EV High Voltage Reusable Stickers

Indicates high voltage areas on an EV such as a charging port, battery, capacitor bank etc.

- **Reusable labels**
- **Low-tack adhesive which does not leave residue on the vehicle and enables them to be used many times**

Part No.	Qty	Description	Size
EVH31	1	EV H/Volt Stickers	100 x 140 mm

EV High Voltage Signs For Chain

Electric / hybrid vehicle warning signs to be used with barrier chains.

- **Lightweight but durable polymer panel signs**
- **Mounting hooks for easy deployment on the hi vis chains**

Part No.	Pack of	Description	Size
EVH36	3	EV H/Volt Sign	300 x 200 mm

EV Electric Shock Safety Poster

Electric vehicle full safety procedure wall poster.

- **An essential checklist for technicians preparing to work on electric and hybrid vehicles**
- **Ensures the correct sequence is followed to make vehicles safe prior to work**
- **Printed on durable polymer panel**

Part No.	Qty	Description	Size
EVH38	1	EV Shock Poster	750 x 500 mm

EV Vehicle Roof Top Warning Sign

High visibility warning to alert all personnel that the vehicle that's being serviced or repaired is a hybrid or an electric vehicle.

- **High voltage sign to be used with additional signage / warnings to highlight electric / hybrid vehicles and the potential danger**
- **Constructed from durable rigid plastic**
- **Foam protected feet to prevent damage to the vehicle bodywork**

Part No.	Qty	Description	Size
EVH40	1	EV Vehicle Roof Sign	310 x 235 x 3 sides

EV Electric Shock & CPR Poster

The first aid and CPR advice poster offers a full procedure and precautions against electric shocks from EV / hybrids.

- **Displays an easy to follow casualty assessment guide and CPR instructions**
- **The poster is printed on a durable polymer panel**
- **Please note: the poster is just for guidance**

Part No.	Qty	Description	Size
EVH39	1	EV Shock/CPR Poster	750 x 500 mm

EV Lockout Station

Securely store vehicles keys, isolators and lockout padlocks away from the vehicle that's being worked on. PLEASE NOTE: isolators and padlocks are not included.

- **Heavy duty steel construction and powder-coated finish. Includes wall mountings**
- **Resettable 3-digit combination**

Part No.	Qty	Description	Size
EVH25	1	**EV Lockout Station**	200 x 16 x 75 mm

EV Lockout Safety Padlock

Insulated safety lockout padlocks are used to secure the insulation port lockout device. Ideally stored in the lockout station.

- **Nylon body and hasp ensures the padlock is fully insulated**
- **Supplied with 2 keys**

Part No.	Qty	Description	Body	Shackle
EVH23	1	**EV Safety Padlock**	38 mm	40 mm

EV Lockout Long Shackle Padlock

Insulated safety lockout padlocks are used to secure the insulation port lockout device. Ideally stored in the lockout station.

- **Nylon body and hasp ensures the padlock is fully insulated**
- **Supplied with 2 keys**

Part No.	Qty	Description	Body	Shackle
EVH24	1	**EV Safety Padlock**	38 mm	76 mm

EV Reusable Padlock Lockout Tags

Used with lockout padlocks when securing the isolation port lockout device or steering wheel warning cover. Supplied with a fine point dry wipe marker pen so the 'technician in charge' can identify themselves.

- **Manufactured from gloss PVC to ensure durability and moisture resistance**
- **10mm brass eyelet ensures the lockout tags cannot be torn off**

Part No.	Pack of	Description	Size
EVH27	5	**EV Padlock Tags**	140 x 80 mm

EV Reusable Car Key Lockout Tags

Manufactured from gloss laminated polyester to ensure durability and moisture resistance. Supplied with a fine point dry wipe marker pen so the 'technician in charge' can identify themselves.

- **Hi-vis warning printed in vibrant colours on one side with a panel on the reverse so the technicians name can be written along with vehicle registration no**
- **When used with the dry wipe marker the lockout tags can be used many times**

Part No.	Pack of	Description	Size
EVH28	10	**EV Car Key Tags**	50 x 70 mm

EV Steering Wheel Lockout & Sign

High visibility warning to alert unauthorised personnel that the vehicle is being serviced or repaired. Supplied with a dry wipe marker pen so the 'technician in charge' can identify themselves.

- **When the wheel lockout device sign is in place no attempt to start or move the vehicle should be made**
- **The sign is an integral component of the key locked steering wheel immobiliser to prevent unauthorised removal**
- **Supplied with two keys**

Part No.	Qty	Description
EVH30	1	**EV Wheel Sign**

EV Isolation Port (MSD) Lockout Device

Blanks off electric and hybrid vehicle manual service disconnect (MSD) ports. Should be stored safely in the lockout station.

- **Adjustable bar and cam action that allows it to be locked off with insulated padlocks**
- **Prevents unauthorised reinsertion of the isolator and restricts fingers from touching live terminals**
- **A small but essential piece of equipment to safeguard technicians working on electric and hybrid vehicles**

Part No.	Qty	Description
EVH4	1	**EV Lockout Device**

EV High Voltage Identification Tags

Hangs on internal rear view mirror or steering wheel to warn the car is either an electric or hybrid vehicle.

- **High voltage sign to be used with additional signage / warnings to highlight electric / hybrid vehicles and the potential danger**
- **Provides an additional safety check when working on EV / hybrids**
- **Workshops, car showrooms, car hire companies can utilise to identify electric / hybrid vehicles**

Part No.	Pack of	Description	Size
EVH26	10	**EV High Volt Tags**	177 x 66.5 mm

EV Nylon Lockout Hasp

Prevents access when padlocks are not long enough.

- **Can be used with lockout tags**
- **Supplied with 6 holes so multiple padlocks can be used to prevent access**
- **To be used with the safety lockout padlocks**
- **Total length: 193 mm. Width: 41.5 mm. Hasp length: 101 mm. Hole diameters: 10 mm.**

Part No.	Qty	Description
EVH29	1	**EV Nylon Hasp**

EV Voltage Detector Up To 1000V

An essential piece of equipment for EV / hybrid technicians to prove there is no voltage present prior to working.

- **LCD backlit display indicates the voltage range present at the time of testing**
- **The electrical voltage tester has a safe test range from 12v to 1000v AC/DC**
- **Voltage measurement is in increments of - 12, 24, 50, 120, 230, 400, 690 and 1000 volts**
- **Conforms to the following safety standards - BS EN61243-3, TUV-GS38, EN61010-1 CAT III - 1000V, EN61010-1 CAT IV - 600V**

Part No.	Qty	Description
EVH32	1	EV Volt Detector

EHV Multimeter Cat 111 To 1000V

For testing and checking components on electric and hybrid vehicles through the continuity test and diode test.

- **The multimeter function is combined with an inbuilt insulation test facility making it ideal for troubleshooting and preventative maintenance**
- **The insulation test function operates at the following test voltages - 50v, 100v, 250, 500, and 1000v**
- **Complies with EN61010 CATEGORY III (1000v) and CATEGORY IV (600v)**

Part No.	Qty	Description
EVH33	1	EHV Multimeter

EV Disconnect Shut Down Timer

Perfect for accurately measuring the required shut down times following the manufacturers guide line for disconnecting and reconnecting. Supplied with 1 x AAA battery.

- **Important where airbag, BSI, hybrid and electric ECU's need time to shut down before proceeding with further work. Suitable for technicians working on electric and hybrid vehicles regularly**
- **Large digital display and rear magnet fold out stand**

Part No.	Qty	Description	Size: H x W x D
EVH34	1	EV S/Down Timer	70 x 70 x 25 mm

EV Cable End Shroud

Protective cable end shroud with grip collars.
Protects uninsulated cable ends, connectors and lugs.

- **1000 volts insulation**
- **Flexible gripping collar ensures a positive fit onto cables to prevent damage**

Part No.	Qty	Description	Diameter	Length
EVH6	1	EV Shroud	15 mm	100 mm
EVH7	1	EV Shroud	25 mm	110 mm
EVH8	1	EV Shroud	35 mm	130 mm

EV Insulated Trim/Cable Tool Set

Used to safely remove vehicle trim and clipped components on electric and hybrid vehicles. Supplied with storage pouch.

- **Four profile shapes to assist with removal of various trim clip styles**
- **Tested up to 1000 volts**

Part No.	Qty	Description
EVH21	1	EV Trim Clip Tools

RING

Type 1 — Vehicle: 5 Pin
Type 2 — Charging unit: 7 Pin

RING EV Charging Cable 5M 1 Phase - Type 2 to Type 1

IP65 and IK10 rated. Suitable for all fully electric and plug in hybrid vehicles. Supplied with a compact, heavy duty storage case.

- **5m long pure copper cable**
- **Operating temperature -40°C to 85°C**

Part No.	Qty	Voltage	Amps Output	Wattage
EVRCC11605	1	240V	16A	3.6kWh
EVRCC13205	1	240V	32A	7.4kWh

RING

Type 2 — Vehicle: 7 Pin
Type 2 — Charging unit: 7 Pin

RING EV Charging Cable 5M 1 Phase - Type 2 to Type 2

IP65 and IK10 rated. Suitable for all fully electric and plug in hybrid vehicles. Supplied with a compact, heavy duty storage case.

- **5m long pure copper cable**
- **Operating temperature -40°C to 85°C**

Part No.	Qty	Voltage	Amps Output	Wattage
EVRCC21605	1	240V	16A	3.6kWh
EVRCC23205	1	240V	32A	7.4kWh

RING

Type 2 — Vehicle: 7 Pin
Type 2 — Charging unit: 7 Pin

RING EV Charging Cable 5M 3 Phase 32A - Type 2 to Type 2

IP65 and IK10 rated. Suitable for electric and plug in vehicles. Supplied with a compact, heavy duty storage case.

- **5m long pure copper cable**
- **Operating temperature -40°C to 85°C**

Part No.	Qty	Voltage	Amps Output	Wattage
EVRCC23P05	1	480V	32A	22kWh

RING

Type 2 — Vehicle: 7 Pin
UK 3 Pin Plug — Charging Outlet

RING EV Charging Cable 5M 3-pin Plug to Type 2

Suitable for all Type 2 fully electric and plug in hybrid vehicles. LCD Screen shows length of charge and power consumption. Supplied with a compact, heavy duty storage case.

- **5m long cable**
- **Operating temperature -25°C to 45°C**

Part No.	Qty	Voltage	Current	Max Power
EVRPC20A05	1	240V	6/10/13A	3kWh

RGTOOLS

RG TOOLS 3/8" Dr VDE Socket Set

Manufactured according to IEC 60900. Chrome vanadium steel construction. Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10502	1 Set	**9 Piece Set**

1 x Reversible Ratchet, 1 x 100 mm Extension Bar. Deep Sockets: 1 x 8 mm, 1 x 10 mm, 1 x 12 mm, 1 x 13 mm, 1 x 14 mm, 1 x 17 mm, 1 x 19 mm.

RGTOOLS

RG TOOLS 3/8" Dr VDE Tool Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10140	1 Set	**26 Piece Set**

Contents: 1 x Combi Pliers. 1 x Side Cutters. Open End Wrenches: 7, 8, 10, 12, 14 mm.
Screwdrivers: PH1 x 100 mm, PH2 x x100 mm, SL1.0 x 125 mm, SL0.8 x 100 mm. 2 Cable Knives.
3/8" Drive Ratchet. 3/8" Drive Extension 100 mm. 3/8" Drive Sockets: 7, 8, 10, 12, 14 mm.
3/8" Drive Sockets: 1/4", 5/16", 3/8", 1/2", 9/16". 3/8". Drive T-Handle.

RGTOOLS

RG TOOLS 3/8" Dr VDE T-Handle+ Screwdriver Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage pouch.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10110	1 Set	**8 Piece Set**

Contents: 1 x 3/8" Drive T-Handle. 5 x 3/8" Drive Sockets: 7, 8, 10, 12, 14mm.
2 x Screwdrivers: PH2 x 100mm, SL1.0 x 5.5 x 125mm.

RGTOOLS

RG TOOLS 1/2" Dr VDE Socket Set

Manufactured according to IEC 60900. Chrome vanadium steel construction. Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

1/2"

Part No.	Qty	Description
RG10500	1 Set	**11 Piece Set**

1 x Reversible Ratchet, 1 x T-handle, 1 x 125 mm Extension Bar. Deep Sockets: 1 x 10 mm, 1 x 12 mm, 1 x 13 mm, 1 x 14 mm, 1 x 17 mm, 1 x 19 mm, 1 x 22 mm, 1 x 24 mm.

RGTOOLS

RG TOOLS 1/2" Dr VDE Socket Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage case.

- **For live working up to 1000V AC / 1500V DC**

1/2"

Part No.	Qty	Description
RG10120	1 Set	**7 Piece Set**

Contents: 1 x 1/2" Drive Reversible Ratchet. 1 x 1/2" Drive Extension: 125mm L.
5 x 1/2" Drive Sockets: 14, 17, 19, 22, 24mm.

RGTOOLS

NEW

RG TOOLS 3/8" Dr VDE Socket Rail Set

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

3/8"

Part No.	Qty	Description
RG10504	1 Set	**10 Piece Set**

2 x 10 mm, 1 x 11 mm, 1 x 12 mm, 2 x 13 mm, 1 x 14 mm, 1 x 15 mm, 1 x 17mm, 1 x 19 mm.

RGTOOLS

NEW

RG TOOLS 1/2" Dr VDE Socket Rail Set

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

1/2"

Part No.	Qty	Description
RG10506	1 Set	**10 Piece Set**

2 x 10 mm, 1 x 11 mm, 1 x 12 mm, 2 x 13 mm, 1 x 14 mm, 1 x 16 mm, 1 x 17 mm, 1 x 19 mm.

RGTOOLS

NEW

RG TOOLS VDE Open End Wrench Set

Manufactured according to IEC 60900. Supplied in a heavy duty storage pouch.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10130	1 Set	**5 Piece Set**

Contents: 5 x Open End Wrenches: 7, 8, 10, 12, 14mm.

RGTOOLS

NEW

RG TOOLS VDE Open End Wrenches

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Open Jaw	Overall Length
RG10200	1	**10 mm**	108 mm
RG10205	1	**13 mm**	144 mm
RG10210	1	**15 mm**	163 mm
RG10215	1	**17 mm**	163 mm
RG10220	1	**19 mm**	180 mm
RG10225	1	**24 mm**	224 mm

RGTOOLS

NEW

RG TOOLS VDE Wire Strippers 6"

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10370	1	**VDE Wire Strippers**

RGTOOLS

NEW

RG TOOLS VDE Combi Pliers 6"

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10350	1	**VDE Combi Pliers**

RGTOOLS

NEW

RG TOOLS VDE Long Nose Pliers 8"

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10355	1	**VDE Long Pliers**

RGTOOLS

NEW

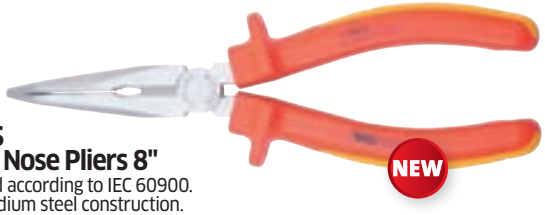
RG TOOLS VDE Diag Side Cutters 6"

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10360	1	**VDE Side Cutters**

RGTOOLS



NEW

RG TOOLS VDE Bent Nose Pliers 8"

Manufactured according to IEC 60900. Chrome vanadium steel construction.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10365	1	**VDE Bent Nose Pliers**

RGTOOLS

RG TOOLS
VDE Screwdriver Set

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10410	1 Set	**7 Piece Set**

7 x screwdrivers: Slotted 2.5 x 75, 3.5 x 100, 5.5 x 125, 6.5 x 150 mm.
Phillips - 1 x 80, 2 x 100 mm & voltage tester 120 - 150V.

RGTOOLS

RG TOOLS
VDE Screwdriver Set

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10411	1 Set	**8 Piece Set**

8 x Slotted screwdrivers: 2.5 x 75, 4 x 100, 5.5 x 125, 6.5 x 150 mm,
Phillips - 0 x 60, 1 x 80, 2 x 100 mm & voltage tester 120-150V.

RGTOOLS

RG TOOLS
VDE Star Set

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10412	1 Set	**6 Piece Set**

6 x Star screwdrivers: T10 x 60, T15 x 100, T20 x 100, T25 x 100, T30 x 100, T40 x 150 mm.

RGTOOLS

RG TOOLS
VDE Screwdrivers - Slotted

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Tip	Shaft Length
RG10450	1	**2.5**	75 mm
RG10452	1	**3.5**	100 mm
RG10454	1	**4.0**	100 mm
RG10456	1	**5.5**	125 mm
RG10458	1	**6.5**	150 mm

RGTOOLS

RG TOOLS
VDE Screwdrivers - Phillips

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Tip	Shaft Length
RG10460	1	**No. 0**	60 mm
RG10462	1	**No. 1**	80 mm
RG10464	1	**No. 2**	100 mm

RGTOOLS

RG TOOLS
Voltage Tester 120-250V

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Description
RG10470	1	**Voltage Tester**

RGTOOLS

RG TOOLS
VDE Screwdrivers - Star

Manufactured according to IEC 60900.

- **For live working up to 1000V AC / 1500V DC**

Part No.	Qty	Tip	Shaft Length
RG10480	1	**T10**	60 mm
RG10482	1	**T15**	100 mm
RG10484	1	**T20**	100 mm
RG10486	1	**T25**	100 mm
RG10488	1	**T30**	100 mm
RG10490	1	**T40**	150 mm

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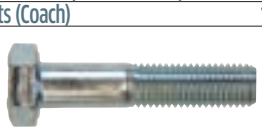

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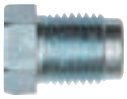

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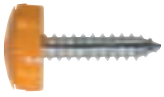

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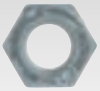

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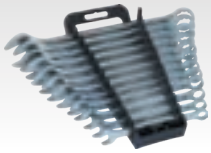

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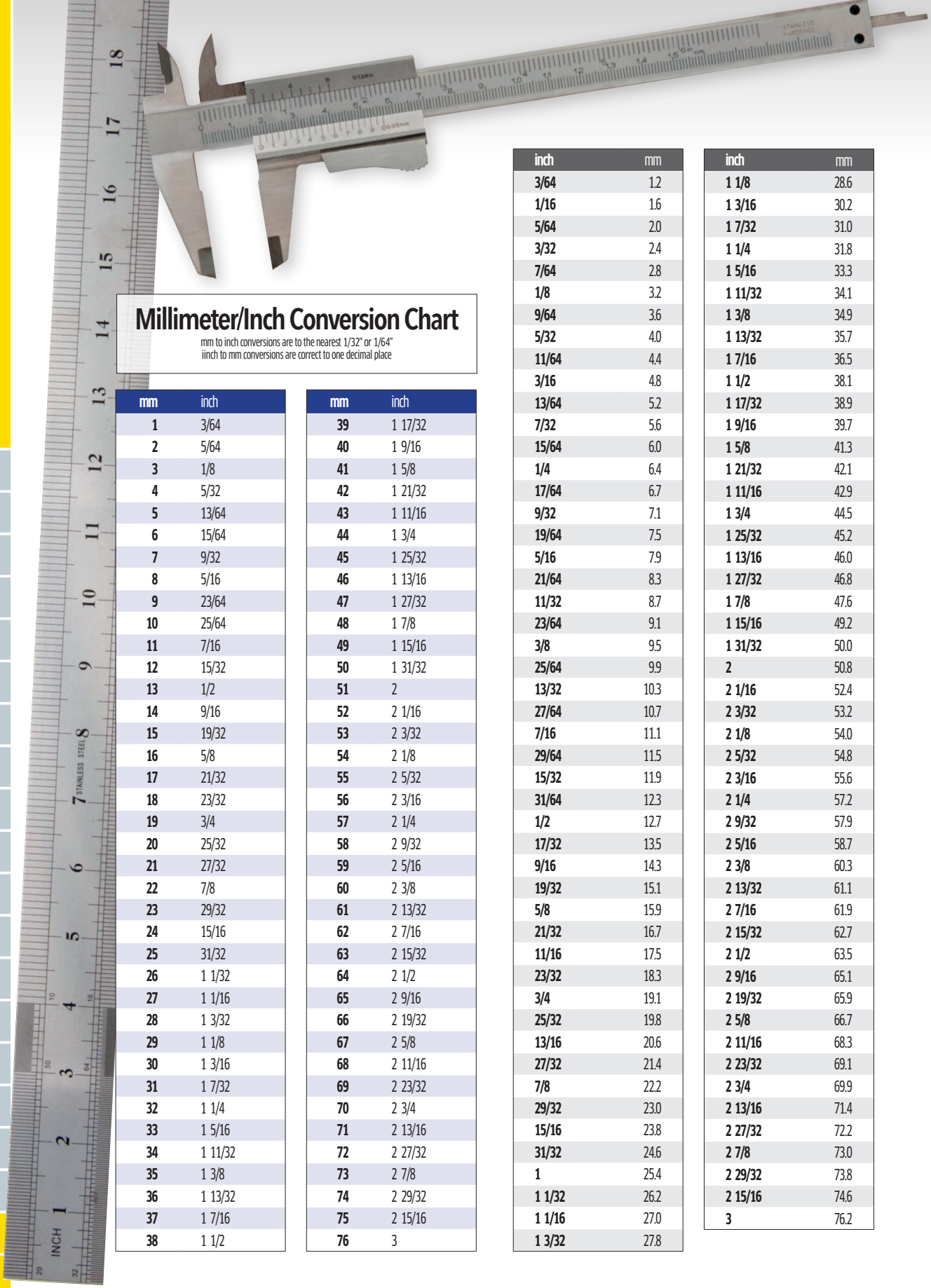

Millimeter/Inch Conversion Chart

mm to inch conversions are to the nearest 1/32" or 1/64"
iinch to mm conversions are correct to one decimal place

mm	inch
1	3/64
2	5/64
3	1/8
4	5/32
5	13/64
6	15/64
7	9/32
8	5/16
9	23/64
10	25/64
11	7/16
12	15/32
13	1/2
14	9/16
15	19/32
16	5/8
17	21/32
18	23/32
19	3/4
20	25/32
21	27/32
22	7/8
23	29/32
24	15/16
25	31/32
26	1 1/32
27	1 1/16
28	1 3/32
29	1 1/8
30	1 3/16
31	1 7/32
32	1 1/4
33	1 5/16
34	1 11/32
35	1 3/8
36	1 13/32
37	1 7/16
38	1 1/2

mm	inch
39	1 17/32
40	1 9/16
41	1 5/8
42	1 21/32
43	1 11/16
44	1 3/4
45	1 25/32
46	1 13/16
47	1 27/32
48	1 7/8
49	1 15/16
50	1 31/32
51	2
52	2 1/16
53	2 3/32
54	2 1/8
55	2 5/32
56	2 3/16
57	2 1/4
58	2 9/32
59	2 5/16
60	2 3/8
61	2 13/32
62	2 7/16
63	2 15/32
64	2 1/2
65	2 9/16
66	2 19/32
67	2 5/8
68	2 11/16
69	2 23/32
70	2 3/4
71	2 13/16
72	2 27/32
73	2 7/8
74	2 29/32
75	2 15/16
76	3

inch	mm
3/64	1.2
1/16	1.6
5/64	2.0
3/32	2.4
7/64	2.8
1/8	3.2
9/64	3.6
5/32	4.0
11/64	4.4
3/16	4.8
13/64	5.2
7/32	5.6
15/64	6.0
1/4	6.4
17/64	6.7
9/32	7.1
19/64	7.5
5/16	7.9
21/64	8.3
11/32	8.7
23/64	9.1
3/8	9.5
25/64	9.9
13/32	10.3
27/64	10.7
7/16	11.1
29/64	11.5
15/32	11.9
31/64	12.3
1/2	12.7
17/32	13.5
9/16	14.3
19/32	15.1
5/8	15.9
21/32	16.7
11/16	17.5
23/32	18.3
3/4	19.1
25/32	19.8
13/16	20.6
27/32	21.4
7/8	22.2
29/32	23.0
15/16	23.8
31/32	24.6
1	25.4
1 1/32	26.2
1 1/16	27.0
1 3/32	27.8

inch	mm
1 1/8	28.6
1 3/16	30.2
1 7/32	31.0
1 1/4	31.8
1 5/16	33.3
1 11/32	34.1
1 3/8	34.9
1 13/32	35.7
1 7/16	36.5
1 1/2	38.1
1 17/32	38.9
1 9/16	39.7
1 5/8	41.3
1 21/32	42.1
1 11/16	42.9
1 3/4	44.5
1 25/32	45.2
1 13/16	46.0
1 27/32	46.8
1 7/8	47.6
1 15/16	49.2
1 31/32	50.0
2	50.8
2 1/16	52.4
2 3/32	53.2
2 1/8	54.0
2 5/32	54.8
2 3/16	55.6
2 1/4	57.2
2 9/32	57.9
2 5/16	58.7
2 3/8	60.3
2 13/32	61.1
2 7/16	61.9
2 15/32	62.7
2 1/2	63.5
2 9/16	65.1
2 19/32	65.9
2 5/8	66.7
2 11/16	68.3
2 23/32	69.1
2 3/4	69.9
2 13/16	71.4
2 27/32	72.2
2 7/8	73.0
2 29/32	73.8
2 15/16	74.6
3	76.2

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Other Brochures and Catalogues Available...

Vision Product Range Brochure

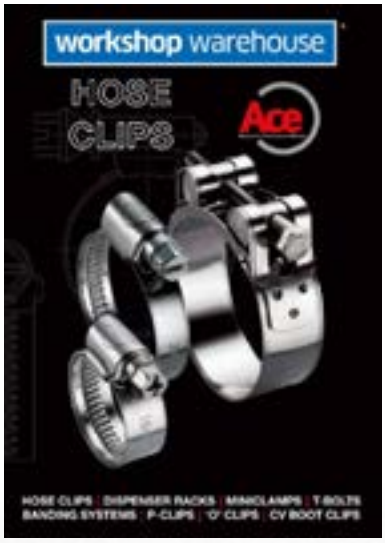
Part No.	Qty
YCE3A	1

EV Equipment Brochure

Part No.	Qty
YCE1	1

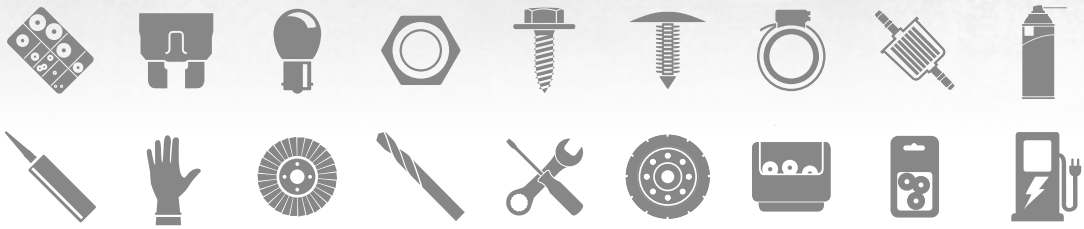
Disposable Glove Guide

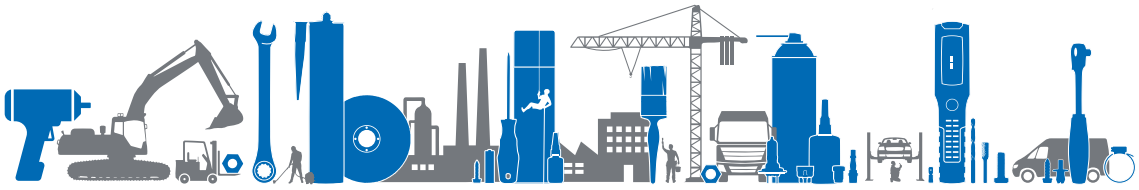
Part No.	Qty
YCE2	1



ACE Hose Clip Brochure

Part No.	Qty
YCE7A	1





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