

Premium quality is 'our' beginning



Assortments and Fasteners

PRODUCT CATALOGUE



CHAMPION PARTS PTY LTD

INTERSTATE OFFICES AND DISTRIBUTORS

HEAD OFFICE, VICTORIA

205 Arden Street
North Melbourne VIC 3051
Ph: (03) 9325 9000
Ph: (03) 9326 5600
Fax: (03) 9329 2452
Email: sales@championparts.com.au
www.championparts.com.au

NEW SOUTH WALES & A.C.T

BOSS ENTERPRISE

Unit 16/115 Woodpark Road
Smithfield NSW 2164
Ph: (02) 9632 3027
Fax: (02) 9632 2626
Email: sales@championparts.com.au

SOUTH AUSTRALIA & NORTHERN TERRITORY

AITEX SALES

6/53 Stanbel Road
Salisbury Plain SA 5109
Ph: (08) 8285 1500
Fax: (08) 8285 1510
Email: sales@aitexsa.com.au

QUEENSLAND

A.H. KNOWLES AND COMPANY

2/231 Holt Street
Eagle Farm QLD 4009
Ph: (07) 3868 3311
Fax: (07) 3868 1355
Email: sales@championparts.com.au

WESTERN AUSTRALIA

AITEX SALES

Unit 2/12 Colin Jamieson Drive
Welshpool WA 6106
Ph: (08) 9350 6344
Fax: (08) 9350 6399
Email: sales@aitexwa.com.au

TASMANIA

Contact Head Office

NEW ZEALAND DISTRIBUTOR

ISL INDUSTRIAL

40 Crooks Road
East Tamaki Auckland NZ
Ph: (09) 274 7365
Free Fax: 0800. 301. 302
Admin Fax: (09) 274 0786
Email: sales@isl-industrial.co.nz
www.isl-industrial.co.nz

INDONESIA DISTRIBUTOR

PT AsiaRep
Mid Plaza 2 16th Floor
JL.Jend. Sudirman, Kav. 10 - 11
Jakarta 10220 Indonesia
Ph: +62 21 570 0550
Fax: +62 21 570 7603
Email: asiarep@indosat.net.id

SINGAPORE DISTRIBUTOR

AsiaRep Resource Management Pte Ltd
5 Jalan Masjid #01-06
Kembangan Court
Singapore 418924
Ph: (65) 6842 0281
Fax: (65) 6842 0681
Email: riza@asiarepmining.com

| | |
|---------------|-----|
| Trading Terms | 2 |
| Introduction | 3-6 |

ASSORTMENTS **7-80**

| | |
|----------------------------------------|-------|
| By Numerical Listing | 7-12 |
| By Product Type | 13-28 |
| By Alpha Listing | 29-36 |
| Poly Box Assortment Numerical Listing | 37-41 |
| Poly Box Assortment Illustrations | 42-63 |
| Stainless Steel Numerical Listing | 64-65 |
| Stainless Steel Poly Box Illustrations | 66-69 |
| Master Kit Numerical Listing | 70-72 |
| Master Kit Illustrations | 73-80 |

REPLACEMENTS **81-116**

| | |
|----------------------------|--|
| For Poly Box & Master Kits | |
|----------------------------|--|

BULK PACKS AND TRIM CLIPS **117-141**

| | |
|------------|---------|
| Trim Clips | 118-123 |
| Bulk Packs | 124-141 |

STANDARD PACKS **142-152**

BRASSWARE **152-155**

AIRLINE FITTINGS AND ACCESSORIES **156-163**

MERCHANDISERS **164-215**

CLAMSHELL BLISTER ASSORTMENTS **212-213**

MISCELLANEOUS PRODUCTS **216-221**

CHARTS **222-223**

PRODUCT CATALOGUE



ABN: 86 004 661 232

HEAD OFFICE, VICTORIA

205 Arden Street, North Melbourne
VIC 3051 Australia

Tel: (03) 9325 9000
Tel: (03) 9326 5600
Fax: (03) 9329 2452

PO Box 22, North Melbourne
VIC 3051 Australia

Email: sales@championparts.com.au
www.championparts.com.au

OUR COMMITMENT TO QUALITY

The Champion Assortment range is the most comprehensive range of its type assembled in Australia. The range has been designed with the specific requirements of the professional automotive and engineering workshop in mind. The result is that you get what you need in the right quantity, and most importantly, at the right price.

The packages are tough, convenient, replenishable and reusable. Each Assortment product type is labelled with the Replacement Pack part number for ease of replenishment. Champion Parts is accredited to AS/NZS ISO 9001 International Quality Standards, and is committed to quality throughout all facets of the Organisation.



Quality
ISO 9001
SAI GLOBAL
QEC1425

TRADING TERMS

Strictly Nett 30 days

Minimum invoice value: \$25.00 (ex. GST)

RETURNS FOR CREDIT

1. Authorisation must be obtained from our Head Office prior to any goods being returned.
2. Goods returned unauthorised cannot be processed.
3. Authorisation will not be considered for products that are less than standard packs, more than 21 days from date of invoice or less than \$50.00 (ex. GST) invoice value.
4. After authorisation has been received we will fax you a numbered return slip which must be attached to the outside of the carton.
5. Goods must be returned to our Head Office, Melbourne.
6. Goods may not be returned to Interstate Agents or their Representatives.
7. Freight must be prepaid by the sender unless we are at fault in which case we will nominate on the authorisation our preferred method of return or disposal.
8. **All returns 'by request' will be subject to a 30% handling and restocking fee.**
9. Replacement Packs and Blister Packs are not returnable for credit.
10. Items of special type, indent or packaging will not be accepted for return.

STANDARD PACKS

| | | | |
|------------------------------|-------------|---------------------|-------------|
| • Air-line Packs | 3 per outer | • Bulk Packs | (ea) |
| • Assortment | (ea) | • Panel Packs | 3 per outer |
| • Assortment Blister | 3 per outer | • Replacement Packs | 5 per outer |
| • Auto Packs | 5 per outer | • Stainless Packs | 3 per outer |
| • Blister Bolts & Nuts Packs | 3 per outer | • Thread Inserts | 3 per outer |
| • Blister Handy Packs | 5 per outer | • Trade Packs | 3 per outer |
| • Brass Packs | 3 per outer | • Vacuum Packs | 3 per outer |

DELIVERY

Minimum order value for F.I.S capital cities \$300.00 (ex. GST). For other areas, or orders less than \$300.00 (ex. GST), we reserve the right to impose a freight charge. If other methods of transport are required, please supply a current account number for the nominated freight carrier, when placing orders. For Melbourne metropolitan area, a \$10.00 delivery charge will be added to orders less than \$300.00 (ex. GST).

EDI

Champion Parts are pleased to advise that we are fully capable to trade with our customers via EDI. Please contact us for further details.

INTRODUCTION TO THE NEW CHAMPION CATALOGUE

Hints on how to get the most out of using the catalogue every day...

Thank you for choosing Champion Parts quality fasteners. We hope you find our new catalogue informative and that it becomes your first reference for all your fastener requirements.

Champion Parts is pleased to present our range of Kits (reusable boxed assortments), Replacement Packs (for kits), Bulk products, and most importantly our extensive range of fastener Merchandisers which provide exceptional returns to our retail customers.

In order to help you get the most from our catalogue we have updated the format in a number of ways:

1. All Kits have an image to assist in selecting from our extensive product range.
2. Products conform to Australian and International standards with full traceability.
3. We have provided cross referencing throughout the catalogue to make it easier to navigate to the required products.
4. There is a logical sequence throughout: Kits - Replacements Packs - Bulk.
5. Our standard pack bulk section has been simplified for easier selection.
6. Our Merchandiser section provides a complete listing of product supplied on each merchandiser.
7. All Assortments and Kits contain a carefully selected range of complementary components, covering the most commonly used popular products.

The following information will assist those who are new to the Champion quality fastener range.

MASTER KITS



SEE PAGES 70-72

- Premium storage system in reusable metal cases
- High quality products
- Full replacement stock available
- Master Kits are cross referenced to Replacement Packs where available

ASSORTMENTS POLY BOX RED



NON STAINLESS STEEL RANGE SEE PAGES 42-63

- Smaller than Master Kits in a reusable poly box
- Sometimes referred to as a 'Grab Kit'
- The same high quality contents
- Assortments are cross referenced to Replacement Packs where available

ASSORTMENTS POLY BOX BLUE



STAINLESS STEEL RANGE SEE PAGES 66-69

- Smaller than Master Kits in a reusable poly box
- Sometimes referred to as a 'Grab Kit'
- High quality Stainless Steel including marine grade
- Assortments are cross referenced to Replacement Packs where available
- Replacements range available in all cases

REPLACEMENT PACKS



SEE PAGES 81-116

- Replacement Packs are available to refill Master Kits and Assortments
- The same high quality as the original parts
- Cross reference provided on the inside lid of each kit to identify contents and Replacement Pack part numbers

MERCHANDISERS



Free-Standing
Spinner Type
Merchandiser

SEE PAGES 164-215

- Spinners and wall mounts to meet all requirements
- Highest quality products are used throughout the entire Merchandiser range
- Exceptional return for the floor/wall space required
- All items packaged in recyclable and reusable blisters



Wall Mount
Merchandiser

BULK PACKS



SEE PAGES 124-141

- Packaged items in larger, more economical quantities
- Products conform to Australian and International standards with full traceability
- Clamshell and reusable jar packaging

TRIM CLIPS



SEE PAGES 118-123

- Comprehensive range of high quality trim clips suitable for most vehicle makes and models
- Available in packaged and bulk quantities

BULK STANDARD PACKS



SEE PAGES 142-152

- Packaged for supply to customers who require larger quantities of single items
- Products conform to Australian and International standards with full traceability

CLAMSHELL MINI ASSORTMENTS



SEE PAGES 212-213

- Small pack assortments suitable for everyday use
- Quality items throughout the range
- Reusable clamshells
- All items packaged in recyclable materials

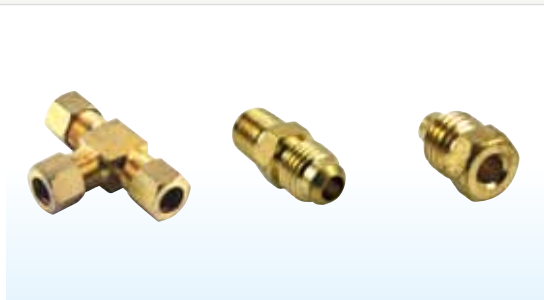
AIRLINE FITTINGS



SEE PAGES 156-163

- High quality Ryco 'Australian Made' range
- Extensive range interchangeable with commonly used brands
- Tyre inflator (see page 163)
- Air guns, hoses and accessories

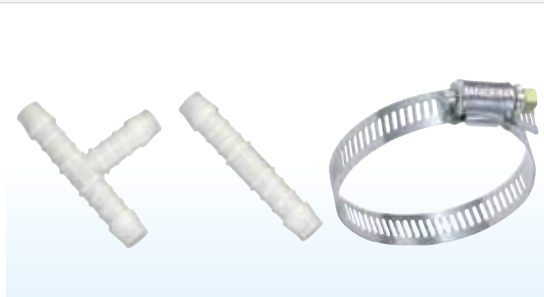
BRASSWARE



[SEE PAGES 153-155](#)

- High quality
- Brass fittings designed to cover an extensive range of requirements

VACUUM HOSE CONNECTORS & HOSE CLAMPS



[SEE PAGES 135-136](#)

- Extensive range
- Highest quality
- Stainless Steel hose clamps including marine grade 316

PROMOTIONAL ITEMS



[SEE PAGES 219-220](#)

- A range of high quality items in specialised packaging
- Storage cabinets

MISCELLANEOUS ITEMS



[SEE PAGES 216-221](#)

- Tap and die set
- Thread gauges
- Thread tester
- Thread lock
- Thread lube
- Number plate security screws



CHAMPION ASSORTMENTS & MASTER KITS



*Complete Listing of Champion Assortments,
Stainless Steel and Master Kits in Numerical Sequence.*

*All Assortments and Kits contain a carefully
selected range of complementary components, covering the most
commonly used popular products.*

NUMERICAL LISTING

NUMERICAL LISTING ASSORTMENTS

| PART NO. | IMAGE PAGE NO. | PRODUCT | MASTER KITS | STAINLESS STEEL |
|----------|----------------|--------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| CA21 | 42 | Machine Screws and Nuts – Metric, Pan Head Phillips, Z/P. 12 Sizes: 3 to 6mm x 10 to 25mm Long | | |
| CA22 | 42 | Pipe Support Anchors – Metal with Rubber Protector. 28 Pieces | | |
| CA31 | 23 | Shim Brass – 60mm Wide Rolls. 5 Sizes: .002" to .010" Thickness | | |
| CA32 | 23 | Shim Brass – 150mm x 150mm Sheets. 4 Sizes: .002" to .010" Thickness | | |
| CA33 | 23 | Shim Steel – 60mm Wide Rolls. 4 Sizes: .002" to .010" Thickness | | |
| CA34 | 23 | Shim Steel – 150mm x 150mm Sheets. 4 Sizes: .002" to .010" Thickness | | |
| CA36 | 23 | Stainless Steel Shim – 150mm x 150mm Sheets. 4 Sizes: .003" to .027" Thickness | | ● |
| CA38 | 42 | Expansion Plugs – Cup Type Steel, Imperial, Zinc Plated. 13 Sizes: 19/32" to 2-1/16" | | |
| CA42 | 42 | Expansion Plugs – Cup Type Brass, Imperial. 10 Sizes: 3/4" to 2-1/16" | | |
| CA43 | 42 | Expansion Plugs – Cup Type Brass, Metric. 12 Sizes: 20mm to 50mm | | |
| CA52 | 42 | Clevis Pins – Imperial, Zinc Plated. 9 Sizes: 1/4" to 7/16" Dia. | | |
| CA58 | 43 | Drain (Sump) Plugs Steel – Metric and Imperial, Zinc Plated. 9 Sizes | | |
| CA63 | 43 | Wiring Grommets – Rubber. 12 Sizes: 1/8" to 29/32" (Wire Hole Size) | | |
| CA70 | 43 | Brass Fittings – Adaptors, Tails, Elbows, Nuts and Connectors. 20 Types | | |
| CA90 | 43 | Blanking Grommets – Rubber. 8 Sizes: 5/16" to 1-1/8" (Panel Hole Size) | | |
| CA95 | 43 | Brass Manifold Nuts – UNC, UNF, BSF, Metric Fine and Coarse Pitch. 17 Sizes | | |
| CA96 | 43 | Manifold Studs and Nuts – Metric and UNC. Steel Studs and Nuts, Zinc Passivated. 5 Sizes | | |
| CA98 | 44 | Expansion Plugs Steel Disc/Lens Type – Zinc Plated. 16 Sizes: 3/4" to 2" | | |
| CA100 | 44 | Flange Nuts – Zinc Plated. 8 Sizes: 5mm to 12mm, incl. M10 and M12 x 1.25 Fine Pitch | | |
| CA101 | 44 | Extension Springs – 12 Sizes: Lengths 1" to 4-3/4" and 3/16" to 1/2" Dia. | | |
| CA102 | 44 | Compression Springs – 12 Sizes: Lengths 1-1/4" to 4" and 3/16" to 3/4" Dia. | | |
| CA103 | 44 | Accelerator Springs – 9 Sizes: Lengths 4-1/2" to 7" and 3/16" to 7/16" Dia. | | |
| CA105 | 44 | Fuses – Glass, Blade and European. 14 Sizes: 3 Amp. to 35 Amp. | | |
| CA106 | 45 | Wheel Alignment Shims – Imperial. 12 Sizes for GM & Ford Vehicles, 4 Types: 1/32", 1/16" & 1/8" Thick | | |
| CA107 | 45 | Wheel Alignment Shims – Metric. 11 Sizes. Thickness: 1, 1.5, 2 & 3mm. 100 Pieces | | |
| CA108 | 45 | Grease Nipples – Straight and Angle Nipples. UNF, BSF, BSP and NPT Threads. 15 Sizes | | |
| CA109 | 45 | Grease Nipples – Straight and Angle Nipples. Metric, Fine and Coarse. 12 Sizes: 6mm to 10mm Dia. | | |
| CA110 | 45 | Fuses – AF Blade. 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. | | |
| CA111 | 45 | Fuses – Low Profile Blade. 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. | | |
| CA112 | 46 | Fuses – Mini Blade. 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. | | |
| CA113 | 46 | Fuses – AF Circuit Breaker. 7 Sizes: 5, 7.5, 10, 15, 20, 25, 30 Amp. | | |
| CA115 | 46 | Imperial 'O' Rings – Nitrile, 70 Shore. 14 Sizes: 3/16" to 1" I.D. | | |
| CA116 | 46 | Metric 'O' Rings – Nitrile, 70 Shore. 15 Sizes: 5mm to 25mm I.D. | | |
| CA118 | 46 | High Temp and High Pressure 'O' Rings – Viton, Imperial, 75 Shore. 12 Sizes: 7/32" to 1" | | |
| CA120 | 46 | UNF Set Screws with Nuts – High Tensile, GR5, Zinc Plated. 11 Sizes: 1/4" to 3/8" Dia. | | |
| CA124 | 47 | Nylon Cable 'P' Clamps and Cable Tie Mounts – 124 Pieces | | |
| CA125 | 47 | UNC Set Screws and Nuts – High Tensile, GR5, Zinc Plated. 11 Sizes: 1/4" to 3/8" Dia. | | |
| CA126 | 47 | Self-Locking Nuts, Nylon Insert – UNC and UNF, Zinc Plated. 12 Sizes: 3/16" to 1/2" | | |
| CA132 | 47 | Brass Fittings – Olives, Unions, Flare Nuts and Reducing Bushes. 33 Types | | |
| CA134 | 47 | Brass Fittings – Single and Double Unions, Nuts and Elbows. 22 Types | | |
| CA140 | 47 | Drain (Sump) Plug Washers – Fibre, Aluminium and Copper Crush Metric. 12 Sizes: 12 to 25mm I.D. | | |
| CA150 | 48 | Drain (Sump) Plug Washers – Fibre, Metric & Imperial. 10 Sizes: 1/2" to 1" & 18-30mm I.D. – Thickness: 3/32" | | |
| CA155 | 48 | Circlips – Imperial, Internal and External. 14 Sizes: 1/4" to 1" | | |
| CA161 | 48 | Wiring Terminals – Insulated Crimp Type. 14 Types incl. Spade, Ring, Tab and Splice | | |
| CA173 | 48 | Bonded Seal Washers – Imperial. 8 Sizes: 1/8" to 1-1/4" I.D. BSP | | |
| CA174 | 48 | Bonded Seal Washers – Metric. 14 Sizes: Suits 8mm I.D. to 42mm I.D. | | |
| CA177 | 48 | Woodruff Keys – Imperial. 17 Sizes: No.2 to No.'E' (3/32" to 3/8") | | |

| PART NO. | IMAGE PAGE NO. | PRODUCT | MASTER KITS | STAINLESS STEEL |
|----------|----------------|------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| CA178 | 49 | Brass Fittings – Single and Double Unions, Dole Nuts, M/F Elbows, Nipples and Plugs | | |
| CA196 | 49 | Set Screws and Nuts – Metric, High Tensile, GR8.8, Zinc Plated. 13 Sizes: M4 to M10 Dia. | | |
| CA200 | 49 | Flange Head Hex Set Screws and Nuts – Metric J.I.S, H/T, GR8.8, Zinc Plated. 14 Sizes: 5 to 10mm | | |
| CA212 | 49 | High Pressure Series 'O' Rings – Nitrile, Imperial, 90 Shore. 20 Sizes: 3/16" to 2" with Removing Tool | | |
| CA214 | 215 | Stainless Steel Assortment – Screws, Washers and Nuts, 302/A2, 316/A4. 52 Sizes | | ● |
| CA225 | 49 | Copper Washers – Imperial. 12 Sizes: 1/4" to 1" I.D. – Thickness: 20G | | |
| CA226 | 49 | Fuel Injection Copper Washers – Metric. 14 Sizes: 6mm to 26mm I.D. – Thickness: 1, 1.5 & 2mm | | |
| CA228 | 50 | Machine Screws and Nuts – Fine Thread Round Head Slotted, Nickel Plated. 11 Sizes: 6/40" to 10/32" | | |
| CA240 | 50 | Wiring Connector Block – M/F with Brass Terminals. 4 Sizes: 2, 4, 6 & 8 Pin | | |
| CA252 | 50 | Machine Screws and Nuts – Mushroom Head Slotted, UNC, Zinc Plated. 8 Sizes: 3/16" to 1/4" | | |
| CA270 | 50 | Self-Locking Nuts, Nylon Insert – Metric, Zinc Plated. 10 Sizes: M5 x 0.8 to M12 x 1.75 | | |
| CA276 | 50 | Shim Steel Washers – 22 Sizes: 5/8" to 1-3/8" I.D. – Thickness .006" | | |
| CA280 | 50 | Split Pins – Metric, Zinc Plated. 11 Sizes: 5mm to 13mm Dia. Lengths to 150mm (Large Sizes) | | |
| CA290 | 51 | Machine Screws and Nuts – Round Head Slotted, BSW, Zinc Plated. 8 Sizes: 1/8" x 3/4" to 1/4" x 2" | | |
| CA300 | 51 | Hex Nuts – Metric, Zinc Plated. 12 Sizes: Plain Nuts M3 to M10, Self-Locking Nuts M4 to M10 | | |
| CA302 | 51 | Motorcycle Fasteners – Metric Socket Head Cap, Machine & Hex Screws, Nuts & Star Washers, Z/P. 28 Sizes | | |
| CA330 | 51 | Flat Steel Washers – Imperial and Metric, Zinc Plated. 10 Sizes: 3/16" to 3/4" & M10 I.D. | | |
| CA350 | 51 | Self-Tapping Screws – Hex Head, Zinc Plated. 14 Sizes: 6G to 14G – Lengths to 1" | | |
| CA360 | 51 | Self-Locking Nuts, Nylon Insert – Metric, UNC, UNF and Zinc Plated. 10 Sizes: M6 to M10 & 1/4" to 3/8" | | |
| CA365 | 73 | UNF Bolts, Set Screws and Nuts – High Tensile, GR5, Zinc Plated. 16 Sizes: 1/4" to 1/2" Dia. | ● | |
| CA370 | 73 | UNC Bolts, Set Screws and Nuts – High Tensile, GR5, Zinc Plated. 16 Sizes: 1/4" to 1/2" Dia. | ● | |
| CA380 | 52 | Speed Nuts – 'U' and Flat Types, Zinc Passivated. 12 Sizes: 3/32" to 3/16" Dia. | | |
| CA390 | 52 | Fibre Washers – 12 Sizes: 5/32" to 3/4" I.D. – Thickness: 1/16" | | |
| CA400 | 52 | Fibre Washers – 14 Sizes: 1/8" to 1" I.D. – Thickness: 1/32" | | |
| CA407 | 52 | Imperial 'O' Rings – Nitrile, 70 Shore. 32 Sizes: 1/8" to 2" I.D. | | |
| CA408 | 52 | Metric 'O' Rings – Nitrile, 70 Shore. 32 Sizes: 3mm to 50mm I.D. | | |
| CA409 | 52 | 'O' Ring Splicing Kit – Nitrile, Imperial, 70 Shore. 5 Sizes: 'O' Ring Cord .070" to .275" (36" each) | | |
| CA410 | 52 | 'O' Ring Splicing Kit – Nitrile, Metric, 70 Shore. 9 Sizes: 'O' Ring Cord 1.5mm to 8.5mm (900mm each) | | |
| CA411 | 53 | Air Conditioning 'O' Rings – Suits R134A Gas. HMBR (Green), Imperial, 70 Shore. 10 Sizes: 3/16" to 3/4" | | |
| CA420 | 53 | Self-Tapping Screws – Raised and Pan Head Slotted, Zinc Plated. 12 Sizes: 6G to 12G – Lengths to 1" | | |
| CA430 | 53 | Self-Tapping Screws – Raised, Hex and Pan Head, Zinc Plated. 14 Sizes: 4G to 14G – Lengths to 1-1/2" | | |
| CA431 | 73 | Metric Bolts, Set Screws and Nuts – High Tensile, GR8.8, Zinc Plated. 17 Sizes: M4 to M12 Dia. | ● | |
| CA480 | 73 | Metric Bolts, Set Screws and Nuts – ISO and Fine Pitch, High Tensile, GR8.8, Z/P. 16 Sizes: M4 to M12 Dia. | ● | |
| CA495 | 73 | Flange Head Hex Set Screws and Nuts – Metric, High Tensile, GR8.8, Zinc Plated. 17 Sizes: 5mm to 10mm | ● | |
| CA500 | 53 | Spacing Washers Steel – Imperial. 14 Sizes: 1/4" to 1-1/8" I.D. – Thickness: 22G (.028") | | |
| CA502 | 53 | Rivets Blind Aluminium – 10 Sizes: 3/32" to 3/16" Dia. | | |
| CA505 | 53 | Rivet Nut Inserts – 5 Sizes: 4mm to 10mm Dia. | | |
| CA510 | 54 | Star Washers – Internal and External, Zinc Plated. 14 Sizes: 3/16" to 5/8" | | |
| CA520 | 54 | Spring Washers – Imperial and Metric, Zinc Plated. 11 Sizes: 5/32" to 3/4" & M4 to M16 I.D. | | |
| CA530 | 54 | Self-Drilling Screws – Wafer and Hex Head, Yellow Zinc. 8 Sizes: 8G & 10G – Lengths to 30mm | | |
| CA540 | 54 | Self-Tapping Screws – Pan and Raised Head, Phillips, N/P. 13 Sizes: 4G to 10G – Lengths to 1-1/2" | | |
| CA550 | 54 | Self-Tapping Screws – Pan and Raised Head, Slotted, Zinc Plated. 13 Sizes: 6G to 12G – Lengths to 1" | | |
| CA560 | 54 | Self-Tapping Screws – Pan Head, Slotted, Zinc Plated. 8 Sizes: 6G to 10G – Lengths to 1-1/2" | | |
| CA570 | 55 | Anti-Theft One Way Screws – Self-Tapping and 6mm Thread, incl. Washers and Nuts, Zinc Plated | | |
| CA576 | 55 | Flat Steel Washers – Imperial and Metric, Zinc Plated. 13 Sizes: 3/16" to 3/4" & 6mm to 20mm I.D. | | |
| CA600 | 55 | Flat Steel Heavy Duty Washers – Imperial, Zinc Plated. 8 Sizes: 3/16" to 3/4" I.D. – Thickness: 14G | | |
| CA648 | 55 | Spring Washers – Imperial and Metric, Zinc Plated. 12 Sizes: 5/32" to 5/8" & 4mm to 20mm I.D. | | |

NUMERICAL LISTING ASSORTMENTS

| PART NO. | IMAGE PAGE NO. | PRODUCT | MASTER KITS | STAINLESS STEEL |
|----------|----------------|--------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| CA800 | 55 | Split Pins – Imperial, Zinc Plated. 10 Sizes: 1.6mm to 4mm Dia. incl. 7/64" & 9/64" Dia. | | |
| CA825 | 55 | Fibre Washers – 14 Sizes: 1/8" to 1" I.D. – Thickness: 1/32" | | |
| CA1008 | 56 | Spring Washers – Square Section, Zinc Plated, Imperial. 8 Sizes: 3/16" to 3/4" I.D. | | |
| CA1152 | 56 | Split Pins – Zinc Plated. 8 Sizes: 1.6mm to 3.2mm Dia. incl. 7/64" Dia. | | |
| CA1200 | 56 | Self-Tapping Screws – Pan and Raised Head, Phillips, Black Zinc. 14 Sizes: 6G to 12G – Lengths to 1-1/2" | | |
| CA1320 | 56 | Linkages (Ball Joints) – 90° and Inline, Zinc Plated. 10 Sizes: 3/16" to 5/16" | | |
| CA1411 | 56 | Expansion Plugs – Cup Type Steel, Zinc Plated, Metric. 12 Sizes: 18mm to 46.5mm | | |
| CA1412 | 56 | Brass Olives – Suits Copper and Nylon Tube. Sizes: Copper 1/8" to 1/2" & Nylon 3/16" to 3/8", 330 Pieces | | |
| CA1416 | 57 | Socket Set (Grub) Screws – Metric GR8.8 and Imperial, 14 Sizes: 5mm to 8mm & 3/16" to 3/8" BSW | | |
| CA1417 | 57 | Socket Head Cap Screws – Metric, High Tensile, GR8.8, 14 Sizes: M5 to M10 Dia. | | |
| CA1418 | 57 | Socket Head Cap Screws – BSW, High Tensile, 14 Sizes: 3/16" to 5/16" Dia. – Lengths to 1-1/2" | | |
| CA1419 | 57 | Socket Head Cap Screws Countersunk – Metric, GR8.8, Sizes: 4mm to 8mm Dia. – Lengths to 30mm | | |
| CA1420 | 57 | Button Head Cap Screws – Metric, High Tensile. 14 Sizes: 4mm to 8mm Dia. – Lengths to 30mm | | |
| CA1421 | 57 | Roll Pins – Imperial. 18 Sizes: 1/16" to 1/4" Dia. (Small Sizes) | | |
| CA1424 | 58 | 'E' Clips and Retainer Springs – 14 Sizes: 3/32" to 5/8" | | |
| CA1435 | 58 | Roll Pins – Imperial. 12 Sizes: 3/16" to 3/8" Dia. (Large Sizes) | | |
| CA1460 | 58 | Polypropylene Washers – 10 Sizes: 18mm to 30mm & 1/2" to 1" I.D. – Thickness: 3mm | | |
| CA1480 | 58 | Hex Set Screws and Nuts – Metric GR8.8, ISO and Fine Pitch, Zinc Plated. 9 Sizes: M6 to M12 Dia. | | |
| CA1630 | 73 | Self-Tapping Screws – Phillips Raised, Pan Slot & Hex Head, incl. Cup Washers. Z/P, N/P. 19 Sizes: 6G to 14G | ● | |
| CA1660 | 58 | Copper Washers – Metric. 10 Sizes: 5mm to 24mm I.D. – Thickness: 1mm | | |
| CA1670 | 58 | Flat Washers, Extra Heavy Duty – Imperial, Zinc Plated. 8 Sizes: 3/16" to 3/4" I.D. – Thickness: up to 9G | | |
| CA1680 | 59 | Polypropylene Washers – Imperial. 16 Sizes: 1/8" to 1" I.D. – Thickness: 1/32" | | |
| CA1690 | 59 | Taper Pins – 14 Sizes: No.0 x 1" to No.5 x 2" (Small Sizes) | | |
| CA1700 | 59 | Taper Pins – 14 Sizes: No.4 x 2-1/2" to No.10 x 6" (Large Sizes) | | |
| CA1705 | 59 | Woodruff Keys – Metric. 17 Sizes: 2mm x 10mm to 10mm x 32mm | | |
| CA1710 | 59 | Self-Tapping Screws – Pan Head Phillips, Zinc Plated. 14 Sizes: 6G to 12G – Lengths to 2" | | |
| CA1715 | 59 | Roll Pins – Metric. 18 Sizes: 2mm to 6mm Dia. (Small Sizes) | | |
| CA1720 | 60 | Self-Tapping Screws – Mushroom Head, Black Zinc. 14 Sizes: 6G to 12G – Lengths to 2" | | |
| CA1725 | 60 | Roll Pins – Metric. 12 Sizes: 5mm to 10mm Dia. (Large Sizes) | | |
| CA1730 | 60 | Panel (Body) Washers – Panel (Body) Steel and Stainless Steel, Zinc Plated. 8 Sizes: 3/16" to 1/2" I.D. | | |
| CA1735 | 60 | Plastic Trim Clips and Screw Grommets – 14 Sizes, 180 Pieces | | |
| CA1740 | 60 | Nylon Washers – Metric and Imperial. 11 Sizes: 12mm to 25mm & 1/2" to 13/16" I.D. | | |
| CA1745 | 60 | 'R' Clips – Zinc Plated. 8 Sizes: 1/8" to 1" (Shaft Size) | | |
| CA1750 | 61 | Shim Steel Washers – 14 Sizes: 3/16" to 1" I.D. – Thickness .006" | | |
| CA1755 | 61 | Flat Steel Washers – Imperial, High Tensile, Zinc Plated. 10 Sizes: 1/4" to 1" I.D. | | |
| CA1760 | 61 | Circlips – Metric Internal and External. 14 Sizes: 6mm to 25mm | | |
| CA1765 | 61 | Lock Rings – External SPN Type. 10 Sizes: 1.5mm to 12mm | | |
| CA1770 | 61 | Aluminium Washers – Imperial and Metric. 15 Sizes: 1/4" to 1" I.D. & 5mm to 20mm I.D. – Thickness: 1/16" | | |
| CA1772 | 61 | Torx® Security Machine Screws – Metric, Pan Head, Z/P. 15 Sizes: M4 to M6 Dia. – Lengths 10mm to 30mm | | |
| CA1774 | 62 | Torx® Security Machine Screws – Metric, C/Sunk, Z/P. 13 Sizes: 4mm to 6mm – Lengths 10mm to 30mm | | |
| CA1776 | 62 | Torx® Security Self-Tapping Screws – Pan Head, Z/P. 17 Sizes: 6G to 10G Dia. – Lengths 13mm to 38mm | | |
| CA1778 | 62 | Torx® Security Self-Tapping Screws – Countersunk, Z/P. 17 Sizes: 6G to 10G Dia. – Lengths 13mm to 38mm | | |
| CA1780 | 62 | Star Washers – Internal and External, Zinc Plated. 14 Sizes: 4mm to 16mm | | |
| CA1782 | 62 | Torx® Security Self-Drilling Screws – Pan Head, Z/P. 15 Sizes: 6G to 10G Dia. – Lengths 13mm to 38mm | | |
| CA1784 | 62 | Torx® Security Button Head Screws – Metric, Zinc Plated. 14 Sizes: M4 to M8 Dia. – Lengths 16 to 30mm | | |
| CA1786 | 63 | Machine Screws – Metric, Countersunk, Zinc Plated. 13 Sizes: M3 to M6 Dia. – Lengths 16 to 50mm | | |
| CA1790 | 63 | Drain (Sump) Plug Washers – Aluminium Met & Imp. 8 Sizes: 12-24mm I.D. & 1/2" I.D. – Thickness: 2.5mm | | |

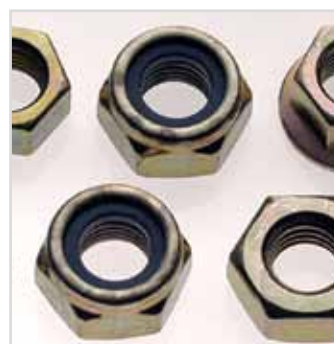
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| PART NO. | IMAGE PAGE NO. | PRODUCT | MASTER KITS | STAINLESS STEEL |
|----------|----------------|----------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| CA1792 | 63 | Nylon Nuts – Metric, Wing, Dome and Hex Nuts. 9 Sizes: M5 to M8 Dia. & 5mm to 8mm | | |
| CA1794 | 63 | Wing Nuts – Metric and UNC, Zinc Plated. 9 Sizes: M4 to M10, UNC 3/16" to 3/8" | | |
| CA1796 | 63 | Coupling Nuts – Metric and UNC, Zinc Plated. 10 Sizes: M5 to M12 & 3/16" to 7/16" | | |
| CA1798 | 63 | Wing Screws – Metric, Zinc Plated. 8 Sizes: M4 to M6 Dia. – Lengths 16mm to 40mm | | |
| CA1800 | 66 | Stainless Steel Assortment – Bolts and Nuts, Screws, Washers and Split Pins, 304/A2. 38 Sizes | | ● |
| CA1808 | 66 | Stainless Steel Grease Nipples – Metric and Imperial, 316/A4. 14 Sizes | | ● |
| CA1810 | 66 | Stainless Steel Self-Tapping Screws – Pan Head, Phillips, 304/A2. 15 Sizes: 4G to 10G – Lengths 1/2" to 1-1/2" | | ● |
| CA1815 | 66 | Stainless Steel Roll Pins – Metric, 304/A2. 14 Sizes: 2mm to 6mm Dia. | | ● |
| CA1816 | 66 | Stainless Steel (Grub) Screws – Metric and Imperial, 316/A4. 14 Sizes: 5mm to 8mm & 3/16" to 3/8" BSW | | ● |
| CA1817 | 66 | Stainless Steel Cap Screws – Metric, 316/A4. 14 Sizes: 5mm to 10mm | | ● |
| CA1818 | 66 | Stainless Steel Cap Screws – BSW, 316/A4. 14 Sizes: 3/16" to 3/8" – Lengths to 1-1/2" | | ● |
| CA1820 | 67 | Stainless Steel Self-Tapping Screws – Countersunk, Phillips, 304/A2. 15 Sizes: 4G to 10G – Lengths to 1-1/2" | | ● |
| CA1824 | 67 | Stainless Steel 'E' Clips – Metric, 304/A2. 8 Sizes: 1.9mm to 15mm | | ● |
| CA1830 | 67 | Stainless Steel Flat and Panel Washers – 304/A2. 16 Sizes: 1/8" to 3/4" I.D. 6mm & 12mm Metric | | ● |
| CA1840 | 67 | Stainless Steel Spring Washers – 304/A2, Imperial. 12 Sizes: 5/32" to 3/4" & 4mm to 16mm I.D. | | ● |
| CA1850 | 67 | Stainless Steel Split Pins – Metric, 304/A2. 10 Sizes: 1.6mm to 5mm Dia. | | ● |
| CA1860 | 67 | Stainless Steel Machine Screws and Nuts – BSW, 304/A2. 10 Sizes: 1/8" to 1/4" | | ● |
| CA1861 | 68 | Stainless Steel Internal Circlips – Metric, 304/A2. 8 Sizes: 10mm to 25mm | | ● |
| CA1862 | 68 | Stainless Steel External Circlips – Metric, 304/A2. 8 Sizes: 6mm to 22mm | | ● |
| CA1870 | 68 | Stainless Steel Set Screws and Nuts – Metric, 304/A2. 13 Sizes: M4 to M10 Dia. | | ● |
| CA1875 | 68 | Stainless Steel Set Screws and Nuts – UNC, 316/A4. 10 Sizes: 1/4" to 3/8" Dia. | | ● |
| CA1880 | 74 | Stainless Steel Metric, Set Screws and Nuts – 304/A2. 16 Sizes: M4 to M12 Dia. | ● | ● |
| CA1882 | 68 | Torx® Security Self-Tapping Screws – Pan Head, 304/A2. 14 Sizes: 6G to 12G Dia. – Lengths 1/2" to 1-1/2" | | ● |
| CA1884 | 68 | Self-Tapping Screws – Raised C/Sunk, Phillips, 316/A4. 19 Sizes: 4G to 10G Dia. – Lengths 1/2" to 2" | | ● |
| CA1885 | 69 | Stainless Steel Hex Set Screws & Nuts – Metric, 316/A4. 13 Sizes: 4mm to 10mm Dia. – Lengths 16 to 50mm | | ● |
| CA1886 | 69 | Torx® Security Machine Screws – Pan Head, 304/A2. 14 Sizes: M5 to M8 Dia. – Lengths 10 to 30mm | | ● |
| CA1888 | 69 | Machine Screws & Nuts – Pan Hd, Phillips, 316/A4. 14 Sizes: M5 to M6 Dia. – Lengths 10 to 50mm | | ● |
| CA1890 | 69 | Security Machine Screws & Nuts – C/Sunk, Phillips, 316/A4. 11 Sizes: M5 to M6 Dia. – Lengths 16 to 50mm | | ● |
| CA1892 | 69 | Stainless Steel Wing Screws & Nuts – Metric, 316/A4. 11 Sizes: M4 to M6 – Lengths 10mm to 25mm | | ● |
| CA1894 | 69 | Stainless Steel Blind Rivets – 304/A2. 16 Sizes: 2.4mm to 5mm Dia. | | ● |
| CA2005 | 74 | Fuses – Glass, Blade and European. 28 Sizes: 2 Amp. to 50 Amp. – 24 Types | ● | |
| CA2010 | 74 | Circlips – Metric, Internal. 20 Sizes: 8mm to 50mm (Bore Size) | ● | |
| CA2015 | 74 | Circlips – Metric, External. 20 Sizes: 6mm to 50mm (Shaft Size) | ● | |
| CA2020 | 74 | Roll Pins – Metric. 24 Sizes: 2mm to 10mm Dia. (Large Sizes) | ● | |
| CA2025 | 74 | Roll Pins – Imperial. 24 Sizes: 3/32" to 3/8" Dia. | ● | |
| CA2030 | 75 | Circlips – Imperial, Internal. 20 Sizes: 1/4" to 2" Bore Size | ● | |
| CA2035 | 75 | Circlips – Imperial, External. 20 Sizes: 1/4" to 2" Shaft Size | ● | |
| CA2040 | 75 | Wiring Terminals – Crimp Type. 28 Types incl. Push-On Bullet, Ring, Tab, Splice and Lanced | ● | |
| CA2045 | 75 | Self-Tapping Screws – Pan and Mushroom Head, Phillips, Black Zinc. 28 Sizes: 6G to 12G – Lengths to 2" | ● | |
| CA2050 | 75 | Flat & Spring Steel Washers – Imperial and Metric, Zinc Plated. 25 Sizes: 5/32" to 3/4" & 6 to 20mm I.D. | ● | |
| CA2060 | 75 | Fibre Washers – 36 Sizes: 5/32" to 1" & 14mm to 30mm I.D. – Thickness: 1/32", 1/16", 3/32" | ● | |
| CA2070 | 76 | Brass Hose Fittings – 'T' Pieces, Joiners, Tails, Elbows and Adaptors. 53 Sizes, 106 Pieces | ● | |
| CA2075 | 76 | Vacuum Hose and Tube Connectors – 49 Sizes, 136 Pieces | ● | |
| CA2080 | 76 | Trim Clips – Scrivets. 16 Types, 675 Pieces | ● | |
| CA2085 | 76 | Trim Clips – Xmas Tree Clips. 16 Types, 690 Pieces | ● | |
| CA2096 | 76 | Manifold Studs and Nuts – Metric and Imperial, Steel & Brass, Zinc Passivated. 19 Sizes | ● | |
| CA2140 | 76 | Drain (Sump) Plug Washers – Fibre, Aluminium & Copper Crush Metric. 25 Sizes: 12mm to 25mm I.D. | ● | |

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NUMERICAL LISTING ASSORTMENTS

| PART NO. | IMAGE PAGE NO. | PRODUCT | MASTER KITS | STAINLESS STEEL |
|-----------|----------------|-------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| CA2173 | 77 | Bonded Seal (Dowty) Washers – Metric and Imperial. 22 Sizes: 8mm to 42mm & 1/8" to 1-1/4" I.D. BSP | ● | |
| CA2174 | 77 | Rubber Grommets – Wiring and Blanking. 20 Sizes: 1/8" to 1-1/8" | ● | |
| CA2177 | 77 | Woodruff Keys – Imperial and Metric. 34 Sizes: 3/32" to 3/8" & 2mm to 10mm Dia. | ● | |
| CA2206 | 77 | 6mm Bolts & Nuts – H/T GR8.8, incl. Self-Lock Nuts & Washers. Set Screws & Flange Hd Lengths: 16 to 40mm | ● | |
| CA2208 | 77 | 8mm Bolts & Nuts – H/T GR8.8, incl. Self-Lock Nuts & Washers. Set Screws & Flange Hd Lengths: 20 to 50mm | ● | |
| CA2210 | 77 | 10mm Bolts & Nuts – H/T GR8.8, incl. Self-Lock Nuts & Washers. Set Screws & Flange Hd Lengths: 25 to 50mm | ● | |
| CA2240 | 78 | Flat & Body Steel Washers – Imperial and Metric, Zinc Plated. 20 Sizes: 1/8" to 1" & 6mm to 12mm I.D. | ● | |
| CA2260 | 78 | Fuel Injection Copper Washers – Metric. 24 Sizes: 5mm to 26mm I.D. – Thickness: 1, 1.5 & 2mm | ● | |
| CA2265 | 78 | Plastic Trim Clips and Screw Grommets – 20 Sizes, 275 Pieces | ● | |
| CA2276 | 78 | Shim Steel Washers – 36 Sizes: 3/16" to 1-3/8" I.D. and .006" Thickness | ● | |
| CA2300 | 78 | Socket Head Cap Screws – BSW, High Tensile, 25 Sizes: 3/16" x 5/8" to 1/2" x 2-1/4" | ● | |
| CA2370 | 78 | UNC Bolts, Set Screws and Nuts – High Tensile, GR8. 17 Sizes: 1/4" to 1/2" Dia. Lengths: 3/4" to 2" | ● | |
| CA2385 | 79 | Fuses – Blade, Circuit Breaker, Micro and Mini Blades. 3 Amp. to 30 Amp. – 24 Types | ● | |
| CA2415 | 79 | Grease Nipples – Combination Metric and Imperial, Zinc Plated. 20 Sizes | ● | |
| CA2417 | 79 | Socket Head Cap Screws – Metric, GR8.8, Zinc Plated. 24 Sizes: 3mm to 8mm Dia. | ● | |
| CA2431 | 79 | Metric Bolts, Set Screws & Nuts – High Tensile, Z/P. 6 to 12mm Dia. Lengths: 20mm to 50mm | ● | |
| CA2540 | 79 | Split Pins – Metric, Zinc Plated. 16 Sizes: 1.6mm x 22mm to 6.3mm x 50mm | ● | |
| CA2700 | 79 | Wiring Terminals – Crimp Type incl. Adjustable Ratchet Crimp Tool. Suits: 3, 4 & 5mm Wire. 20 Types | ● | |
| CA2705 | 80 | Machine Screws – Pan Head, Phillips, Zinc Plated. 24 Sizes: M3 to M6 Dia. | ● | |
| CA2710 | 80 | Machine Screws and Nuts – Metric, Countersunk Head, Zinc Plated. 20 Sizes: M3 to M6 Dia. | ● | |
| CA2715 | 80 | Sems Assembly – Metric, Single and Double Washers, Zinc Passivated. 20 Sizes: M5 to M10 Dia. | ● | |
| CA2788 | 80 | Nylon Bolts and Nuts – Hex Head. 19 Sizes: 5, 6 & 8mm Dia. | ● | |
| CBA1 | 220 | Case of Bolts – UNC & UNF, H/T, GR5, Bolts & Set Screws, Nuts to Suit. 38 Sizes: 1/4" to 1/2" Dia, 600pce | | |
| CFM1 | 220 | Case of Bolts – Metric, Fine Pitch, H/T, GR8, Bolts & Set Screws, Nuts to Suit. 39 Sizes: M6 to M12, 600pce | | |
| CHCA120 | 137 | Hose Clamps – Stainless Steel (Zinc Plated Screw). 9 Sizes: 6-16mm to 40-64mm, 120 Pieces | | ● |
| CMA1 | 220 | Case of Bolts – Metric, H/T, GR8.8, Bolts and Set Screws, Nuts to Suit. 37 Sizes: M5 to M16, 600 Pieces | | |
| CTRK3NC | 209 | Imperial 3/16 UNC – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | | ● |
| CTRK4NC | 209 | Imperial 1/4 UNC – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | | ● |
| CTRK5NC | 209 | Imperial 5/16 UNC – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | | ● |
| CTRK6NC | 209 | Imperial 3/8 UNC – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | | ● |
| CTRK3NF | 209 | Imperial 3/16 UNF – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | | ● |
| CTRK4NF | 209 | Imperial 1/4 UNF – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | | ● |
| CTRK5NF | 209 | Imperial 5/16 UNF – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | | ● |
| CTRK6NF | 209 | Imperial 3/8 UNF – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | | ● |
| CTRK508 | 209 | Metric 5mm x 0.8 – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | | ● |
| CTRK6100 | 209 | Metric 6mm x 1.00 – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | | ● |
| CTRK8125 | 209 | Metric 8mm x 1.25 – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | | ● |
| CTRK10150 | 209 | Metric 10mm x 1.50 – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | | ● |
| CTRK10125 | 209 | Metric 10mm x 1.25 – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | | ● |
| CTRKMET-5 | 209 | Metric Sizes: 5, 6, 8, 10 & 12mm – incl. 5 x Tap Sizes, Insert Tools, Tang Break-off Tools and Drill Bits | | ● |
| BBIMP | 220 | Bucket of Bolts – Imperial, H/T, GR5, Nuts, Flat & Spring Washers to Suit, Z/P. 20 Sizes: 1/4" to 1/2" Dia. | | |
| BBMET | 220 | Bucket of Bolts – Metric, H/T, GR8.8, Nuts, Flat and Spring Washers to Suit, Z/P. 20 Sizes: M6 to M12 | | |



**CHAMPION ASSORTMENTS
STAINLESS STEEL & MASTER KITS**

RANGE OF ASSORTMENTS

RANGE OF ASSORTMENTS



ALIGNMENT SHIMS

| | | | | | |
|--------------|-------|------------------------------------------------------------------------------------------------------------|------------|--|--|
| CA106 | Pg 45 | Wheel Alignment Shims, Imperial. 12 Sizes for GM & Ford Vehicles, 4 Types in 1/32", 1/16" & 1/8" Thickness | 131 Pieces | | |
| CA107 | Pg 45 | Wheel Alignment Shims, Metric. 11 Sizes – Thickness: 1, 1.5, 2 & 3mm | 100 Pieces | | |



BOLTS & NUTS

UNC

| | | | | | |
|---------------|-------|------------------------------------------------------------------------------------------------|------------|---|--|
| CA125 | Pg 47 | Set Screws and Nuts. High Tensile, GR5, Zinc Plated. 11 Sizes: 1/4" to 3/8" Dia. | 113 Pieces | | |
| CA370 | Pg 73 | Bolts, Set Screws and Nuts. High Tensile, GR5, Zinc Plated. 16 Sizes: 1/4" to 1/2" Dia. | 370 Pieces | ● | |
| CA2370 | Pg 78 | Bolts, Set Screws and Nuts. High Tensile, GR8. 17 Sizes: 1/4" to 1/2" Dia. Lengths: 3/4" to 2" | 393 Pieces | ● | |

UNF

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|--------------|-------|-----------------------------------------------------------------------------------------|------------|---|--|
| CA120 | Pg 46 | Set Screws and Nuts. High Tensile, GR5, Zinc Plated. 11 Sizes: 1/4" to 3/8" Dia. | 113 Pieces | | |
| CA365 | Pg 73 | Bolts, Set Screws and Nuts. High Tensile, GR5, Zinc Plated. 16 Sizes: 1/4" to 1/2" Dia. | 365 Pieces | ● | |

METRIC

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|---------------|-------|-------------------------------------------------------------------------------------------------|------------|---|--|
| CA196 | Pg 49 | Set Screws with Nuts. High Tensile, GR8.8, Zinc Plated. 13 Sizes: M4 to M10 Dia. | 221 Pieces | | |
| CA200 | Pg 49 | Flange Head Hex Set Screws and Nuts. High Tensile, GR8.8, Zinc Plated. 14 Sizes: 5mm to 10mm | 202 Pieces | | |
| CA431 | Pg 73 | Bolts, Set Screws and Nuts. High Tensile, GR8.8, Zinc Plated. 17 Sizes: M4 to M12 Dia. | 431 Pieces | ● | |
| CA495 | Pg 73 | Flange Head Hex Set Screws & Nuts. High Tensile, GR8.8, Zinc Plated. 17 Sizes: 5mm to 10mm Dia. | 455 Pieces | ● | |
| CA2431 | Pg 79 | Bolts, Set Screws and Nuts. High Tensile, Zinc Plated. 6 to 12mm Dia. Lengths: 20mm to 50mm | 364 Pieces | ● | |

METRIC FINE

| | | | | | |
|---------------|-------|------------------------------------------------------------------------------------------------------|------------|---|--|
| CA480 | Pg 73 | Bolts, Set Screws and Nuts. ISO and Fine Pitch, High Tensile, GR8.8, Z/P. 16 Sizes: M4 to M12 Dia. | 480 Pieces | ● | |
| CA1480 | Pg 58 | Hex Set Screws and Nuts. Metric GR8.8, ISO and Fine Pitch, Zinc Plated. 9 Sizes: M6 to M12 Dia. | 139 Pieces | | |
| CA2206 | Pg 77 | 6mm H/T GR8.8, incl. Self-Locking Nuts & Washers, Z/P. Set Screws & Flange Head Lengths: 16 to 40mm | 753 Pieces | ● | |
| CA2208 | Pg 77 | 8mm H/T GR8.8, incl. Self-Locking Nuts & Washers, Z/P. Set Screws & Flange Head Lengths: 20 to 50mm | 508 Pieces | ● | |
| CA2210 | Pg 77 | 10mm H/T GR8.8, incl. Self-Locking Nuts & Washers, Z/P. Set Screws & Flange Head Lengths: 25 to 50mm | 401 Pieces | ● | |

NYLON

| | | | | | |
|---------------|-------|----------------------------------------------------------------------------------|------------|---|--|
| CA1792 | Pg 63 | Metric, Nylon Nuts; Wing, Dome and Hex Nuts. 9 Sizes: M5 to M8 Dia. & 5mm to 8mm | 255 Pieces | | |
| CA2788 | Pg 80 | Nylon Bolts and Nuts. Hex Head. 19 Sizes: 5, 6 & 8mm Dia. | 565 Pieces | ● | |

STAINLESS STEEL METRIC / UNC

| | | | | | |
|---------------|-------|------------------------------------------------------------------------------------------------|------------|---|---|
| CA1870 | Pg 68 | Set Screws and Nuts. 13 Sizes: M4 to M10 Dia. | 174 Pieces | | ● |
| CA1875 | Pg 68 | Set Screws and Nuts, UNC. 10 Sizes: 1/4" to 3/8" Dia. | 140 Pieces | | ● |
| CA1880 | Pg 74 | Set Screws and Nuts. 16 Sizes: M4 to M12 Dia. | 316 Pieces | ● | ● |
| CA1885 | Pg 69 | Set Screws and Nuts. Metric, Stainless Steel, 316/A4. 13 Sizes: 4-10mm Dia. – Lengths: 16-50mm | 328 Pieces | | ● |

● Master Kits ● Stainless Steel



BRASS

| | | | | | |
|---------------|-------|--------------------------------------------------------------------------------------------|------------|---|--|
| CA70 | Pg 43 | Adaptors, Tails, Elbows, Nuts and Connectors. 20 Types | 59 Pieces | | |
| CA132 | Pg 47 | Olives, Unions, Flare Nuts and Reducing Bushes. 33 Types | 111 Pieces | | |
| CA134 | Pg 47 | Single and Double Unions, Nuts and Elbows. 22 Types | 110 Pieces | | |
| CA178 | Pg 49 | Single and Double Unions, Dole Nuts, M/F Elbows, Nipples and Plugs. 32 Types | 155 Pieces | | |
| CA1412 | Pg 56 | Brass Olives for Copper and Nylon Tube. Sizes: Copper 1/8" to 1/2" and Nylon 3/16" to 3/8" | 330 Pieces | | |
| CA2070 | Pg 76 | Brass Hose Fittings: 'T' Pieces, Joiners, Tails, Elbows and Adaptors. 53 Sizes | 106 Pieces | ● | |



CLIPS & CLAMPS

CIRCLIPS IMPERIAL

| | | | | | |
|---------------|-------|---------------------------------------------|------------|---|--|
| CA155 | Pg 48 | Internal and External. 14 Sizes: 1/4" to 1" | 155 Pieces | | |
| CA2030 | Pg 75 | Internal. 20 Sizes: 1/4" to 2" (Bore Size) | 240 Pieces | ● | |
| CA2035 | Pg 75 | External. 20 Sizes: 1/4" to 2" (Shaft Size) | 240 Pieces | ● | |

CIRCLIPS METRIC

| | | | | | |
|---------------|-------|-----------------------------------------------------------------|------------|---|--|
| CA1760 | Pg 61 | Internal and External. 14 Sizes: 6mm to 25mm | 155 Pieces | | |
| CA1861 | Pg 68 | Stainless Steel Internal Circlips 304/A2. 8 Sizes: 10mm to 25mm | 80 Pieces | ● | |
| CA1862 | Pg 68 | Stainless Steel External Circlips 304/A2. 8 Sizes: 6mm to 22mm | 120 Pieces | ● | |
| CA2010 | Pg 74 | Internal. 20 Sizes: 8mm to 50mm (Bore Size) | 260 Pieces | ● | |
| CA2015 | Pg 74 | External. 20 Sizes: 6mm to 50mm (Shaft Size) | 260 Pieces | ● | |

CLAMPS

| | | | | | |
|----------------|--------|-----------------------------------------------------------------------------|------------|---|--|
| CA22 | Pg 42 | Pipe Support Anchors, Metal with Rubber Protector | 28 Pieces | | |
| CA124 | Pg 47 | Nylon Cable 'P' Clamps and Cable Tie Mounts | 124 Pieces | | |
| CHCA120 | Pg 137 | Stainless Steel Hose Clamps. 9 Sizes: 6-16mm to 40-64mm (Zinc Plated Screw) | 120 Pieces | ● | |

'E' CLIPS / RETAINER SPRINGS & SNAP RINGS

| | | | | | |
|---------------|-------|---------------------------------------------------------------------------------------------------------|------------|---|--|
| CA1424 | Pg 58 | 'E' Clips 10 Sizes: 3/32" to 5/8" (Shaft Size). Retainer Springs 4 Sizes: 11/64" to 17/32" (Shaft Size) | 740 Pieces | | |
| CA1824 | Pg 67 | Stainless Steel 'E' Clips, Metric 304/A2. 8 Sizes: 1.9mm to 15mm | 325 Pieces | ● | |
| CA1765 | Pg 61 | SPN Type External Lock Rings. 10 Sizes: 1.5mm to 12mm | 825 Pieces | | |

'R' CLIPS

| | | | | | |
|---------------|-------|----------------------------------------------------------|------------|--|--|
| CA1745 | Pg 60 | 'R' Clips, Zinc Plated. 8 Sizes: 1/8" to 1" (Shaft Size) | 124 Pieces | | |
|---------------|-------|----------------------------------------------------------|------------|--|--|

● Master Kits ● Stainless Steel

RANGE OF ASSORTMENTS



CLIPS & CLAMPS *Continued*

TRIM CLIPS

| | | | | | |
|---------------|-------|-------------------------------------------------|------------|---|--|
| CA1735 | Pg 60 | Plastic Trim Clips and Screw Grommets. 14 Sizes | 180 Pieces | | |
| CA2265 | Pg 78 | Plastic Trim Clips and Screw Grommets. 20 Sizes | 275 Pieces | ● | |
| CA2080 | Pg 76 | Scrivets. 16 Types | 675 Pieces | ● | |
| CA2085 | Pg 76 | Xmas Tree Clips. 16 Types | 690 Pieces | ● | |



FUSES

AF BLADE TYPE

| | | | | | |
|--------------|-------|----------------------------------------------|------------|--|--|
| CA110 | Pg 45 | 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. | 110 Pieces | | |
|--------------|-------|----------------------------------------------|------------|--|--|

AF CIRCUIT BREAKER

| | | | | | |
|--------------|-------|------------------------------------------|-----------|--|--|
| CA113 | Pg 46 | 7 Sizes: 5, 7.5, 10, 15, 20, 25, 30 Amp. | 35 Pieces | | |
|--------------|-------|------------------------------------------|-----------|--|--|

BLADE, CIRCUIT BREAKER, MICRO & MINI BLADES

| | | | | | |
|---------------|-------|----------------------------|------------|---|--|
| CA2385 | Pg 79 | 3 Amp. to 30 Amp. 24 Types | 400 Pieces | ● | |
|---------------|-------|----------------------------|------------|---|--|

COMBINATION BLADE, GLASS & EUROPEAN TYPES

| | | | | | |
|--------------|-------|------------------------------------------------------------------------|------------|--|--|
| CA105 | Pg 44 | 14 Sizes: Glass 3 to 35 Amp. Blade 10 to 20 Amp. European 8 to 25 Amp. | 100 Pieces | | |
|--------------|-------|------------------------------------------------------------------------|------------|--|--|

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|---------------|-------|-----------------------------------------------------------------------|------------|---|--|
| CA2005 | Pg 74 | 28 Sizes: Glass 2 to 50 Amp. Blade 5 to 30 Amp. European 8 to 25 Amp. | 300 Pieces | ● | |
|---------------|-------|-----------------------------------------------------------------------|------------|---|--|

LOW PROFILE BLADE TYPE

| | | | | | |
|--------------|-------|----------------------------------------------|------------|--|--|
| CA111 | Pg 45 | 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. | 120 Pieces | | |
|--------------|-------|----------------------------------------------|------------|--|--|

MINI BLADE TYPE

| | | | | | |
|--------------|-------|----------------------------------------------|------------|--|--|
| CA112 | Pg 46 | 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. | 120 Pieces | | |
|--------------|-------|----------------------------------------------|------------|--|--|

● Master Kits ● Stainless Steel



GREASE NIPPLES

COMBINATION

| | | | | | |
|---------------|-------|-----------------------------------------------------------------------|------------|---|--|
| CA2415 | Pg 79 | Combination Imperial and Metric Grease Nipples, Zinc Plated. 20 Sizes | 410 Pieces | ● | |
|---------------|-------|-----------------------------------------------------------------------|------------|---|--|

IMPERIAL

| | | | | | |
|--------------|-------|---------------------------------------------------------------------|------------|--|--|
| CA108 | Pg 45 | Straight and Angle Nipples, UNF, BSF, BSP and NPT Threads. 15 Sizes | 113 Pieces | | |
|--------------|-------|---------------------------------------------------------------------|------------|--|--|

METRIC

| | | | | | |
|--------------|-------|-------------------------------------------------------------------------|------------|--|--|
| CA109 | Pg 45 | Straight and Angle Nipples, Fine and Coarse. 12 Sizes: 6mm to 10mm Dia. | 105 Pieces | | |
|--------------|-------|-------------------------------------------------------------------------|------------|--|--|

STAINLESS STEEL

| | | | | | |
|---------------|-------|-----------------------------------------------------------------------|------------|--|---|
| CA1808 | Pg 66 | Stainless Steel Grease Nipples, Metric and Imperial, 316/A4. 14 Sizes | 170 Pieces | | ● |
|---------------|-------|-----------------------------------------------------------------------|------------|--|---|



GROMMETS

BLANKING

| | | | | | |
|-------------|-------|-----------------------------------------------------------------------|-----------|--|--|
| CA90 | Pg 43 | Blanking Grommets, Rubber. 8 Sizes: 5/16" to 1-1/8" (Panel Hole Size) | 91 Pieces | | |
|-------------|-------|-----------------------------------------------------------------------|-----------|--|--|

COMBINATION

| | | | | | |
|---------------|-------|----------------------------------------------------------------|------------|---|--|
| CA2174 | Pg 77 | Rubber Grommets, Wiring and Blanking. 20 Sizes: 1/8" to 1-1/8" | 174 Pieces | ● | |
|---------------|-------|----------------------------------------------------------------|------------|---|--|

WIRING

| | | | | | |
|-------------|-------|--------------------------------------------------------------------|-----------|--|--|
| CA63 | Pg 43 | Wiring Grommets, Rubber. 12 Sizes: 1/8" to 29/32" (Wire Hole Size) | 83 Pieces | | |
|-------------|-------|--------------------------------------------------------------------|-----------|--|--|



GRUB SCREWS

SOCKET SET

| | | | | | |
|---------------|-------|---------------------------------------------------------------------------------|------------|--|--|
| CA1416 | Pg 57 | Socket Set, Metric GR8.8 and Imperial. 14 Sizes: 5mm to 8mm & 3/16" to 3/8" BSW | 164 Pieces | | |
|---------------|-------|---------------------------------------------------------------------------------|------------|--|--|

STAINLESS STEEL

| | | | | | |
|---------------|-------|----------------------------------------------------------------------------------------|------------|--|---|
| CA1816 | Pg 66 | Stainless Steel, Metric and Imperial, 316/A4. 14 Sizes: 5mm to 8mm & 3/16" to 3/8" BSW | 140 Pieces | | ● |
|---------------|-------|----------------------------------------------------------------------------------------|------------|--|---|

● Master Kits ● Stainless Steel

RANGE OF ASSORTMENTS



LINKAGES (BALL JOINTS)

90° & INLINE

| | | | | | |
|---------------|-------|--------------------------------------------------------------------------------------------------|-----------|--|--|
| CA1320 | Pg 56 | 90° and Inline Linkages Light, Heavy Duty and Spring Loaded Types, Z/P. 10 Sizes: 3/16" to 5/16" | 20 Pieces | | |
|---------------|-------|--------------------------------------------------------------------------------------------------|-----------|--|--|



NUTS

BRASS MANIFOLD

| | | | | | |
|-------------|-------|-------------------------------------------------------|-----------|--|--|
| CA95 | Pg 43 | UNC, UNF, BSF, Metric Fine and Coarse Pitch. 17 Sizes | 83 Pieces | | |
|-------------|-------|-------------------------------------------------------|-----------|--|--|

COUPLING

| | | | | | |
|---------------|-------|-------------------------------------------------------------------|-----------|--|--|
| CA1796 | Pg 63 | Metric and UNC, Zinc Plated. 10 Sizes: M5 to M12 & 3/16" to 7/16" | 92 Pieces | | |
|---------------|-------|-------------------------------------------------------------------|-----------|--|--|

HEX FLANGE

| | | | | | |
|--------------|-------|----------------------------------------------------------------|------------|--|--|
| CA100 | Pg 44 | Zinc Plated. 8 Sizes: 5mm to 12mm, incl. M10 to M12 Fine Pitch | 140 Pieces | | |
|--------------|-------|----------------------------------------------------------------|------------|--|--|

PLAIN & SELF-LOCKING

| | | | | | |
|--------------|-------|----------------------------------------------------------------------------------|------------|--|--|
| CA300 | Pg 51 | Metric, Zinc Plated. 12 Sizes: Plain Nuts M3 to M10, Self-Locking Nuts M4 to M10 | 320 Pieces | | |
|--------------|-------|----------------------------------------------------------------------------------|------------|--|--|

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|---------------|-------|-------------------------------------------------------|------------|--|--|
| CA1765 | Pg 61 | SPN Type External Lock Rings. 10 Sizes: 1.5mm to 12mm | 825 Pieces | | |
|---------------|-------|-------------------------------------------------------|------------|--|--|

NYLON NUTS, NYLON INSERT & SELF-LOCKING

| | | | | | |
|--------------|-------|---------------------------------------------------|------------|--|--|
| CA126 | Pg 47 | UNC and UNF, Zinc Plated. 12 Sizes: 3/16" to 1/2" | 131 Pieces | | |
|--------------|-------|---------------------------------------------------|------------|--|--|

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|--------------|-------|-------------------------------------------------------|------------|--|--|
| CA270 | Pg 50 | Metric, Zinc Plated. 10 Sizes: M5 x 0.8 to M12 x 1.75 | 270 Pieces | | |
|--------------|-------|-------------------------------------------------------|------------|--|--|

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|--------------|-------|--------------------------------------------------------------------|------------|--|--|
| CA360 | Pg 51 | Metric, UNC & UNF, Zinc Plated. 10 Sizes: M6 to M10 & 1/4" to 3/8" | 166 Pieces | | |
|--------------|-------|--------------------------------------------------------------------|------------|--|--|

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|---------------|-------|-----------------------------------------------------------------------------------|------------|--|--|
| CA1792 | Pg 63 | Nylon Nuts – Metric, Wing, Dome and Hex Nuts. 9 Sizes: M5 to M8 Dia. & 5mm to 8mm | 255 Pieces | | |
|---------------|-------|-----------------------------------------------------------------------------------|------------|--|--|

SPEED NUTS

| | | | | | |
|--------------|-------|--------------------------------------------------------------------|------------|--|--|
| CA380 | Pg 52 | 'U' and Flat Types, Zinc Passivated. 12 Sizes: 3/32" to 3/16" Dia. | 390 Pieces | | |
|--------------|-------|--------------------------------------------------------------------|------------|--|--|

WING NUTS

| | | | | | |
|---------------|-------|--------------------------------------------------------------------|------------|--|--|
| CA1794 | Pg 63 | Metric and UNC, Zinc Plated. 9 Sizes: M4 to M10, UNC 3/16" to 3/8" | 240 Pieces | | |
|---------------|-------|--------------------------------------------------------------------|------------|--|--|

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|---------------|-------|-------------------------------------------------------------------------------------------------|------------|--|---|
| CA1892 | Pg 69 | Stainless Steel Wing Screws and Nuts. Metric, 316/A4. 11 Sizes: M4 to M6 – Lengths 10mm to 25mm | 230 Pieces | | ● |
|---------------|-------|-------------------------------------------------------------------------------------------------|------------|--|---|

● Master Kits ● Stainless Steel



'O' RINGS

AIR CONDITIONING

| | | | | | |
|--------------|-------|----------------------------------------------------------------------------|------------|--|--|
| CA411 | Pg 53 | Suits R134A Gas. HMBR (Green), Imperial, 70 Shore. 10 Sizes: 3/16" to 3/4" | 145 Pieces | | |
|--------------|-------|----------------------------------------------------------------------------|------------|--|--|

HIGH PRESSURE

| | | | | | |
|--------------|-------|-------------------------------------------------------------------------------|------------|--|--|
| CA118 | Pg 46 | High Temp and High Pressure. Viton, Imperial, 75 Shore. 12 Sizes: 7/32" to 1" | 110 Pieces | | |
|--------------|-------|-------------------------------------------------------------------------------|------------|--|--|

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|--------------|-------|--------------------------------------------------------------------------------------------------------------|------------|--|--|
| CA212 | Pg 49 | Hydraulic and other Apps. Nitrile, Imperial, 90 Shore. 20 Sizes: 3/16" to 2" (Tube Sizes) with Removing Tool | 212 Pieces | | |
|--------------|-------|--------------------------------------------------------------------------------------------------------------|------------|--|--|

'O' RINGS IMPERIAL

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|--------------|-------|-----------------------------------------------|------------|--|--|
| CA115 | Pg 46 | Nitrile, 70 Shore. 14 Sizes: 3/16" to 1" I.D. | 115 Pieces | | |
|--------------|-------|-----------------------------------------------|------------|--|--|

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|--------------|-------|----------------------------------------------|------------|--|--|
| CA407 | Pg 52 | Nitrile, 70 Shore. 32 Sizes: 1/8" to 2" I.D. | 407 Pieces | | |
|--------------|-------|----------------------------------------------|------------|--|--|

'O' RINGS METRIC

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|--------------|-------|-----------------------------------------------|------------|--|--|
| CA116 | Pg 46 | Nitrile, 70 Shore. 15 Sizes: 5mm to 25mm I.D. | 130 Pieces | | |
|--------------|-------|-----------------------------------------------|------------|--|--|

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|--------------|-------|-----------------------------------------------|------------|--|--|
| CA408 | Pg 52 | Nitrile, 70 Shore. 32 Sizes: 3mm to 50mm I.D. | 408 Pieces | | |
|--------------|-------|-----------------------------------------------|------------|--|--|

SPLICING KITS

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|--------------|-------|-------------------------------------------------------------------------------|----------|--|--|
| CA409 | Pg 52 | Imperial, Nitrile, 70 Shore. 5 Sizes: 'O' Ring Cord .070" to .275" (36" each) | 5 Pieces | | |
|--------------|-------|-------------------------------------------------------------------------------|----------|--|--|

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|--------------|-------|-------------------------------------------------------------------------------|----------|--|--|
| CA410 | Pg 52 | Metric, Nitrile, 70 Shore. 9 Sizes: 'O' Ring Cord 1.5mm to 8.5mm (900mm each) | 9 Pieces | | |
|--------------|-------|-------------------------------------------------------------------------------|----------|--|--|



PINS

CLEVIS PINS

| | | | | | |
|-------------|-------|----------------------------------------------------------------|-----------|--|--|
| CA52 | Pg 42 | Imperial, Zinc Plated. 9 Sizes: 1/4", 5/16", 3/8" & 7/16" Dia. | 52 Pieces | | |
|-------------|-------|----------------------------------------------------------------|-----------|--|--|

ROLL PINS IMPERIAL

| | | | | | |
|---------------|-------|--------------------------------------------|------------|--|--|
| CA1421 | Pg 57 | 18 Sizes: 1/16" to 1/4" Dia. (Small Sizes) | 380 Pieces | | |
|---------------|-------|--------------------------------------------|------------|--|--|

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|---------------|-------|--------------------------------------------|-----------|--|--|
| CA1435 | Pg 58 | 12 Sizes: 3/16" to 3/8" Dia. (Large Sizes) | 89 Pieces | | |
|---------------|-------|--------------------------------------------|-----------|--|--|

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|---------------|-------|------------------------------|------------|---|--|
| CA2025 | Pg 74 | 24 Sizes: 3/32" to 3/8" Dia. | 364 Pieces | ● | |
|---------------|-------|------------------------------|------------|---|--|

ROLL PINS METRIC

| | | | | | |
|---------------|-------|-----------------------------------------|------------|--|--|
| CA1715 | Pg 59 | 18 Sizes: 2mm to 6mm Dia. (Small Sizes) | 360 Pieces | | |
|---------------|-------|-----------------------------------------|------------|--|--|

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|---------------|-------|------------------------------------------|-----------|--|--|
| CA1725 | Pg 60 | 12 Sizes: 5mm to 10mm Dia. (Large Sizes) | 82 Pieces | | |
|---------------|-------|------------------------------------------|-----------|--|--|

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|---------------|-------|----------------------------------------------------|------------|---|--|
| CA1815 | Pg 66 | Stainless Steel, 304/A2. 14 Sizes: 2mm to 6mm Dia. | 210 Pieces | ● | |
|---------------|-------|----------------------------------------------------|------------|---|--|

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|---------------|-------|------------------------------------------|------------|---|--|
| CA2020 | Pg 74 | 24 Sizes: 2mm to 10mm Dia. (Large Sizes) | 360 Pieces | ● | |
|---------------|-------|------------------------------------------|------------|---|--|

SPLIT PINS

| | | | | | |
|--------------|-------|--------------------------------------------------------------------------------|-----------|--|--|
| CA280 | Pg 50 | Metric, Zinc Plated. 11 Sizes: 5mm to 13mm Dia. Lengths to 150mm (Large Sizes) | 93 Pieces | | |
|--------------|-------|--------------------------------------------------------------------------------|-----------|--|--|

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|--------------|-------|-----------------------------------------------------------------------------|------------|--|--|
| CA800 | Pg 55 | Imperial, Zinc Plated. 10 Sizes: 1.6mm to 4mm Dia. incl. 7/64" & 9/64" Dia. | 795 Pieces | | |
|--------------|-------|-----------------------------------------------------------------------------|------------|--|--|

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|---------------|-------|------------------------------------------------------------|------------|--|--|
| CA1152 | Pg 56 | Zinc Plated. 8 Sizes: 1.6mm to 3.2mm Dia. incl. 7/64" Dia. | 800 Pieces | | |
|---------------|-------|------------------------------------------------------------|------------|--|--|

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|---------------|-------|-------------------------------------------------------------|------------|---|--|
| CA1850 | Pg 67 | Stainless Steel, Metric 304/A2. 10 Sizes: 1.6mm to 5mm Dia. | 225 Pieces | ● | |
|---------------|-------|-------------------------------------------------------------|------------|---|--|

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|---------------|-------|-------------------------------------------------------------|-------------|---|--|
| CA2540 | Pg 79 | Metric, Zinc Plated. 16 Sizes: 1.6mm x 22mm to 6.3mm x 50mm | 1540 Pieces | ● | |
|---------------|-------|-------------------------------------------------------------|-------------|---|--|

Pins continued...

● Master Kits ● Stainless Steel

RANGE OF ASSORTMENTS

PINS *Continued*



TAPER PINS

| | | | | | |
|---------------|-------|-----------------------------------------------------|------------|--|--|
| CA1690 | Pg 59 | 14 Sizes: No.0 x 1" to No.5 x 2" (Small Sizes) | 140 Pieces | | |
| CA1700 | Pg 59 | 14 Sizes: No.4 x 2-1/2" to No.10 x 6" (Large Sizes) | 33 Pieces | | |



PLUGS

DRAIN (SUMP) PLUGS

| | | | | | |
|-------------|-------|--------------------------------------------------|-----------|--|--|
| CA58 | Pg 43 | Steel, Metric and Imperial, Zinc Plated. 9 Sizes | 58 Pieces | | |
|-------------|-------|--------------------------------------------------|-----------|--|--|

EXPANSION PLUGS IMPERIAL

| | | | | | |
|-------------|-------|----------------------------------------------------------|-----------|--|--|
| CA38 | Pg 42 | Cup Type Steel, Zinc Plated. 13 Sizes: 19/32" to 2-1/16" | 52 Pieces | | |
| CA42 | Pg 42 | Cup Type Brass. 10 Sizes: 3/4" to 2-1/16" | 35 Pieces | | |

EXPANSION PLUGS METRIC

| | | | | | |
|---------------|-------|---------------------------------------------------------|------------|--|--|
| CA1411 | Pg 56 | Cup Type Steel, Zinc Plated. 12 Sizes: 18mm to 46.5mm | 48 Pieces | | |
| CA43 | Pg 42 | Cup Type Brass. 12 Sizes: 20mm to 50mm | 42 Pieces | | |
| CA98 | Pg 44 | Steel Disc/Lens Type, Zinc Plated. 16 Sizes: 3/4" to 2" | 100 Pieces | | |

RIVETS



| | | | | | |
|---------------|-------|------------------------------------------------------------|------------|--|---|
| CA502 | Pg 53 | Blind Aluminium. 10 Sizes: 3/32", 1/8", 5/32" & 3/16" Dia. | 505 Pieces | | |
| CA505 | Pg 53 | Rivet Nut Inserts. 5 Sizes: 4mm to 10mm Dia. | 80 Pieces | | |
| CA1894 | Pg 69 | Stainless Steel Blind, 304/A2. 16 Sizes: 2.4mm to 5mm Dia. | 330 Pieces | | ● |



SCREWS

BUTTON HEAD

| | | | | | |
|---------------|-------|----------------------------------------------------------------------------|------------|--|--|
| CA1420 | Pg 57 | Button Head Cap Screws, Metric. 14 Sizes: 4mm to 8mm Dia – Lengths to 30mm | 124 Pieces | | |
|---------------|-------|----------------------------------------------------------------------------|------------|--|--|

MACHINE SCREWS & NUTS

| | | | | | |
|---------------|-------|---------------------------------------------------------------------------------------|-------------|---|---|
| CA228 | Pg 50 | Fine Thread Round Head Slotted, Nickel Plated. 11 Sizes: 6/40" to 10/32" | 300 Pieces | | |
| CA21 | Pg 42 | Metric, Pan Head Phillips, Zinc Plated. 12 Sizes: 3mm to 6mm x 10mm to 25mm Long | 520 Pieces | | |
| CA252 | Pg 50 | Mushroom Head Slotted, UNC, Zinc Plated. 8 Sizes: 3/16" to 1/4" | 300 Pieces | | |
| CA2705 | Pg 80 | Pan Head, Phillips, Zinc Plated. 24 Sizes: M3 to M6 Dia. | 1785 Pieces | ● | |
| CA2710 | Pg 80 | Countersunk Head, Zinc Plated. 20 Sizes: M3 to M6 Dia. | 1650 Pieces | ● | |
| CA1786 | Pg 63 | Metric, Countersunk Head, Zinc Plated. 13 Sizes: M3 to M6 Dia. – Lengths 16mm to 50mm | 345 Pieces | | |
| CA290 | Pg 51 | Round Head Slotted, BSW, Zinc Plated. 8 Sizes: 1/8" x 3/4" to 1/4" x 2" | 360 Pieces | | |
| CA1888 | Pg 69 | Pan Head, Phillips, 316/A4. 14 Sizes: M5 to M6 Dia. – Lengths 10mm to 50mm | 345 Pieces | | ● |
| CA1890 | Pg 69 | Countersunk Head, Phillips, 316/A4. 11 Sizes: M5 to M6 Dia. – Lengths 16mm to 50mm | 295 Pieces | | ● |

Screws continued...

● Master Kits ● Stainless Steel

SCREWS *Continued*



Sems Assembly



Wing Screw

MOTORCYCLE FASTENERS

| | | | | | |
|--------------|-------|-------------------------------------------------------------------------------------|------------|--|--|
| CA202 | Pg 51 | Metric Socket Head Cap, Machine & Hex Screws, & Star Washers, Zinc Plated. 28 Sizes | 191 Pieces | | |
|--------------|-------|-------------------------------------------------------------------------------------|------------|--|--|

SEMS ASSEMBLY

| | | | | | |
|---------------|-------|----------------------------------------------------------------------|------------|---|--|
| CA2715 | Pg 80 | Single and Double Washers, Zinc Passivated. 20 Sizes: M5 to M10 Dia. | 380 Pieces | ● | |
|---------------|-------|----------------------------------------------------------------------|------------|---|--|

SOCKET HEAD CAP SCREWS

| | | | | | |
|---------------|-------|----------------------------------------------------------------------|------------|---|--|
| CA1418 | Pg 57 | BSW, High Tensile. 14 Sizes: 3/16" to 5/16" Dia. – Lengths to 1-1/2" | 92 Pieces | | |
| CA2300 | Pg 78 | BSW, High Tensile. 25 Sizes: 3/16" x 5/8" to 1/2" x 2-1/4" | 300 Pieces | ● | |
| CA1417 | Pg 57 | Metric, High Tensile, GR8.8, 14 Sizes: M5 to M10 Dia. | 90 Pieces | | |
| CA1419 | Pg 57 | Countersunk Metric, GR8.8, Sizes: 4mm to 8mm Dia. – Lengths to 30mm | 124 Pieces | | |
| CA2417 | Pg 79 | Metric, GR8.8, Zinc Plated. 24 Sizes: 3mm to 8mm Dia. | 430 Pieces | ● | |

SOCKET SET (GRUB) SCREWS

| | | | | | |
|---------------|-------|---------------------------------------------------------------------|------------|--|--|
| CA1416 | Pg 57 | Metric GR8.8 and Imperial. 14 Sizes: 5mm to 8mm & 3/16" to 3/8" BSW | 164 Pieces | | |
|---------------|-------|---------------------------------------------------------------------|------------|--|--|

STAINLESS STEEL

| | | | | | |
|---------------|--------|-------------------------------------------------------------------------------------------------|------------|---|--|
| CA214 | Pg 215 | Screws, Washers and Nuts, 302/A2, 316/A4. 52 Sizes | 210 Pieces | ● | |
| CA1800 | Pg 66 | Bolts, Screws, Washers and Split Pins, 304/A2. 38 Sizes | 324 Pieces | ● | |
| CA1816 | Pg 66 | Socket Set (Grub) Screws. Metric and Imperial, 316/A4. 14 Sizes: 5mm to 8mm & 3/16" to 3/8" BSW | 140 Pieces | ● | |
| CA1817 | Pg 66 | Cap Screws. Metric, 316/A4. 14 Sizes: 5mm to 10mm | 80 Pieces | ● | |
| CA1818 | Pg 66 | Cap Screws. BSW, 316/A4. 14 Sizes: 3/16" to 3/8" – Lengths to 1-1/2" | 91 Pieces | ● | |
| CA1860 | Pg 67 | Machine Screws and Nuts. BSW, 304/A2. 10 Sizes: 1/8" to 1/4" | 256 Pieces | ● | |
| CA1892 | Pg 69 | Wing Screws and Nuts. Metric, 316/A4. 11 Sizes: M4 to M6 – Lengths 10mm to 25mm | 230 Pieces | ● | |

WING SCREWS

| | | | | | |
|---------------|-------|--------------------------------------------------------------------|-----------|--|--|
| CA1798 | Pg 63 | Metric, Zinc Plated. 8 Sizes: M4 to M6 Dia. – Lengths 16mm to 40mm | 95 Pieces | | |
|---------------|-------|--------------------------------------------------------------------|-----------|--|--|



SECURITY SCREWS

TORX® SECURITY BUTTON HEAD

| | | | | | |
|---------------|-------|----------------------------------------------------------------------------------|------------|--|--|
| CA1784 | Pg 62 | Button Head, Metric, Zinc Plated. 14 Sizes: M4 to M8 Dia. – Lengths 16mm to 30mm | 270 Pieces | | |
|---------------|-------|----------------------------------------------------------------------------------|------------|--|--|

TORX® SECURITY SELF-TAPPING

| | | | | | |
|---------------|-------|---------------------------------------------------------------------------------------|------------|---|--|
| CA1776 | Pg 62 | Pan Head, Zinc Plated. 17 Sizes: 6G to 10G Dia. – Lengths 13mm to 38mm | 425 Pieces | | |
| CA1778 | Pg 62 | Countersunk Head, Zinc Plated. 17 Sizes: 6G to 10G Dia. – Lengths 13mm to 38mm | 425 Pieces | | |
| CA1782 | Pg 62 | Self-Drilling, Pan Head, Zinc Plated. 15 Sizes: 6G to 10G Dia. – Lengths 13mm to 38mm | 375 Pieces | | |
| CA1882 | Pg 68 | Stainless Steel, Pan Head, 304/A2. 14 Sizes: 6G to 12G Dia. – Lengths 1/2" to 1-1/2" | 210 Pieces | ● | |

Security Screws continued...

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● Master Kits ● Stainless Steel

RANGE OF ASSORTMENTS

SECURITY SCREWS *Continued*

TORX® SECURITY MACHINE SCREWS

| | | | | | |
|---------------|-------|---------------------------------------------------------------------------------|------------|--|---|
| CA1772 | Pg 61 | Metric, Pan Head, Zinc Plated. 15 Sizes: M4 to M6 Dia. – Lengths 10mm to 30mm | 365 Pieces | | |
| CA1774 | Pg 62 | Countersunk Head, Zinc Plated. 13 Sizes: 4mm to 6mm Dia. – Lengths 10mm to 30mm | 325 Pieces | | |
| CA1886 | Pg 69 | Pan Head, 304/A2. 14 Sizes: M5 to M8 Dia. – Lengths 10mm to 30mm | 140 Pieces | | ● |



SELF-TAPPING SCREWS

| | | | | | |
|---------------|-------|---------------------------------------------------------------------------------------|------------|--|--|
| CA350 | Pg 51 | Hex Head, Zinc Plated. 14 Sizes: 6G to 14G – Lengths to 1" | 350 Pieces | | |
| CA420 | Pg 53 | Raised and Pan Head Slotted, Zinc Plated. 12 Sizes: 6G to 12G – Lengths to 1" | 420 Pieces | | |
| CA430 | Pg 53 | Raised, Hex and Pan Head, Zinc Plated. 14 Sizes: 4G to 14G – Lengths to 1-1/2" | 430 Pieces | | |
| CA540 | Pg 54 | Pan and Raised Head, Phillips, Nickel Plated. 13 Sizes: 4G to 10G – Lengths to 1-1/2" | 540 Pieces | | |
| CA550 | Pg 54 | Pan and Raised Head, Slotted, Zinc Plated. 13 Sizes: 6G to 12G – Lengths to 1" | 610 Pieces | | |
| CA560 | Pg 54 | Pan Head, Slotted, Zinc Plated. 8 Sizes: 6G to 10G – Lengths to 1-1/2" | 400 Pieces | | |
| CA1710 | Pg 59 | Pan Head Phillips, Zinc Plated. 14 Sizes: 6G to 12G – Lengths to 2" | 415 Pieces | | |

COMBINATION

| | | | | | |
|---------------|-------|--------------------------------------------------------------------------------------------------------|-------------|---|--|
| CA1630 | Pg 73 | Phillips Raised, Pan Slot and Hex Head, incl. Cup Washers. Zinc and Nickel Plated. 19 Sizes: 6G to 14G | 1680 Pieces | ● | |
|---------------|-------|--------------------------------------------------------------------------------------------------------|-------------|---|--|

SELF-DRILLING

| | | | | | |
|--------------|-------|----------------------------------------------------------------------|------------|--|--|
| CA530 | Pg 54 | Wafer and Hex Head, Yellow Zinc. 8 Sizes: 8G & 10G – Lengths to 30mm | 400 Pieces | | |
|--------------|-------|----------------------------------------------------------------------|------------|--|--|

STAINLESS STEEL

| | | | | | |
|---------------|-------|-------------------------------------------------------------------------------------------------|------------|--|---|
| CA1810 | Pg 66 | Pan Head, Phillips, 304/A2. 15 Sizes: 4G to 10G – Lengths 1/2" to 1-1/2" | 415 Pieces | | ● |
| CA1820 | Pg 67 | Countersunk, Phillips, 304/A2. 15 Sizes: 4G to 10G – Lengths to 1-1/2" | 415 Pieces | | ● |
| CA1884 | Pg 68 | Stainless Steel, Raised Countersunk Head, 316/A4. 19 Sizes: 4G to 10G Dia. – Lengths 1/2" to 2" | 440 Pieces | | ● |

ANTI-THEFT ONE WAY SCREWS (NUMBER PLATES)

| | | | | | |
|--------------|-------|--------------------------------------------------------------------------------------|------------|--|--|
| CA570 | Pg 55 | Self-Tapping and 6mm Screws and Nuts, incl. Washers and Speed Nut Clips, Zinc Plated | 570 Pieces | | |
|--------------|-------|--------------------------------------------------------------------------------------|------------|--|--|



SELF-TAPPING SCREWS (BLACK ZINC)

| | | | | | |
|---------------|-------|------------------------------------------------------------------------------------|------------|---|--|
| CA1200 | Pg 56 | Pan and Raised Head, Phillips, Black Zinc. 14 Sizes: 6G to 12G – Lengths to 1-1/2" | 415 Pieces | | |
| CA1720 | Pg 60 | Mushroom Head, Black Zinc. 14 Sizes: 6G to 12G – Lengths to 2" | 415 Pieces | | |
| CA2045 | Pg 75 | Pan and Mushroom Head, Phillips, Black Zinc. 28 Sizes: 6G to 12G – Lengths to 2" | 830 Pieces | ● | |

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● Master Kits ● Stainless Steel



SHIM STOCK

Steel AS1365, Brass AS1566 and Stainless Steel AS1449

BRASS

| | | | | |
|-------------|-------|---------------------------------------------------------|--|--|
| CA32 | Pg 23 | 150mm x 150mm Sheets. 4 Sizes: .002" to .010" Thickness | | |
| CA31 | Pg 23 | 60mm Wide Rolls. 5 Sizes: .002" to .010" Thickness | | |

STEEL

| | | | | |
|-------------|-------|---------------------------------------------------------|--|--|
| CA34 | Pg 23 | 150mm x 150mm Sheets. 4 Sizes: .002" to .010" Thickness | | |
| CA33 | Pg 23 | 60mm Wide Rolls. 4 Sizes: .002" to .010" Thickness | | |

STAINLESS STEEL

| | | | | |
|-------------|-------|---------------------------------------------------------|--|---|
| CA36 | Pg 23 | 150mm x 150mm Sheets. 4 Sizes: .003" to .027" Thickness | | ● |
|-------------|-------|---------------------------------------------------------|--|---|

BRASS ROLLS

BRASS SHEETS

| | | | | | | | |
|---------------|-------|--------------------------------|---------------|-------|--------------------------------------------|--|--|
| CSB500 | Pg 23 | .002" Thickness. 150mm x 600mm | CSB700 | Pg 23 | .002" Thickness. 6 Sheets of 150mm x 150mm | | |
| CSB501 | Pg 23 | .003" Thickness. 150mm x 600mm | CSB701 | Pg 23 | .003" Thickness. 6 Sheets of 150mm x 150mm | | |
| CSB502 | Pg 23 | .005" Thickness. 150mm x 600mm | CSB702 | Pg 23 | .005" Thickness. 6 Sheets of 150mm x 150mm | | |
| CSB503 | Pg 23 | .010" Thickness. 150mm x 600mm | CSB703 | Pg 23 | .010" Thickness. 6 Sheets of 150mm x 150mm | | |

STEEL ROLLS

STEEL SHEETS

| | | | | | | | |
|---------------|-------|--------------------------------|---------------|-------|--------------------------------------------|--|--|
| CSS600 | Pg 23 | .002" Thickness. 150mm x 600mm | CSS800 | Pg 23 | .002" Thickness. 6 Sheets of 150mm x 150mm | | |
| CSS601 | Pg 23 | .003" Thickness. 150mm x 600mm | CSS801 | Pg 23 | .003" Thickness. 6 Sheets of 150mm x 150mm | | |
| CSS602 | Pg 23 | .005" Thickness. 150mm x 600mm | CSS802 | Pg 23 | .005" Thickness. 6 Sheets of 150mm x 150mm | | |
| CSS603 | Pg 23 | .010" Thickness. 150mm x 600mm | CSS803 | Pg 23 | .010" Thickness. 6 Sheets of 150mm x 150mm | | |

● Master Kits ● Stainless Steel

RANGE OF ASSORTMENTS



SPRINGS

ACCELERATOR

| | | | | | |
|--------------|-------|-------------------------------------------------------|-----------|--|--|
| CA103 | Pg 44 | 9 Sizes: Lengths 4-1/2" to 7" and 3/16" to 7/16" Dia. | 36 Pieces | | |
|--------------|-------|-------------------------------------------------------|-----------|--|--|

COMPRESSION

| | | | | | |
|--------------|-------|-------------------------------------------------------|-----------|--|--|
| CA102 | Pg 44 | 12 Sizes: Lengths 1-1/4" to 4" and 3/16" to 3/4" Dia. | 72 Pieces | | |
|--------------|-------|-------------------------------------------------------|-----------|--|--|

EXTENSION

| | | | | | |
|--------------|-------|-------------------------------------------------------|-----------|--|--|
| CA101 | Pg 44 | 12 Sizes: Lengths 1" to 4-3/4" and 3/16" to 1/2" Dia. | 48 Pieces | | |
|--------------|-------|-------------------------------------------------------|-----------|--|--|



STUDS & NUTS

BRASS MANIFOLD NUTS

| | | | | | |
|-------------|-------|-------------------------------------------------------|-----------|--|--|
| CA95 | Pg 43 | UNC, UNF, BSF, Metric Fine and Coarse Pitch. 17 Sizes | 83 Pieces | | |
|-------------|-------|-------------------------------------------------------|-----------|--|--|

STEEL MANIFOLD STUDS & NUTS

| | | | | | |
|-------------|-------|----------------------------------------------------------------|-----------|--|--|
| CA96 | Pg 43 | Metric and UNC. Steel Studs and Nuts, Zinc Passivated. 5 Sizes | 96 Pieces | | |
|-------------|-------|----------------------------------------------------------------|-----------|--|--|

STEEL & BRASS MANIFOLD STUDS & NUTS

| | | | | | |
|---------------|-------|------------------------------------------------|------------|---|--|
| CA2096 | Pg 76 | Metric and Imperial, Zinc Passivated. 19 Sizes | 200 Pieces | ● | |
|---------------|-------|------------------------------------------------|------------|---|--|



THREAD INSERT REPAIR KITS

STAINLESS STEEL IMPERIAL

| | | | | | |
|----------------|--------|----------------------------------------------------------------------------------------|-----------|--|---|
| CTRK3NC | Pg 209 | 3/16" UNC – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | 12 Pieces | | ● |
| CTRK4NC | Pg 209 | 1/4" UNC – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | 12 Pieces | | ● |
| CTRK5NC | Pg 209 | 5/16" UNC – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | 12 Pieces | | ● |

Thread Insert Repair Kits continued...

● Master Kits ● Stainless Steel

THREAD INSERT REPAIR KITS *Continued*

STAINLESS STEEL IMPERIAL

| | | | | |
|----------------|--------|----------------------------------------------------------------------------------------|-----------|---|
| CTRK6NC | Pg 209 | 3/8" UNC – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | 12 Pieces | ● |
| CTRK3NF | Pg 209 | 3/16" UNF – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | 12 Pieces | ● |
| CTRK4NF | Pg 209 | 1/4" UNF – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | 12 Pieces | ● |
| CTRK5NF | Pg 209 | 5/16" UNF – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | 12 Pieces | ● |
| CTRK6NF | Pg 209 | 3/8" UNF – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | 12 Pieces | ● |

STAINLESS STEEL METRIC

| | | | | |
|------------------|--------|---------------------------------------------------------------------------------------------------|-----------|---|
| CTRK508 | Pg 209 | 5mm x 0.8mm – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | 12 Pieces | ● |
| CTRK6100 | Pg 209 | 6mm x 1.00mm – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | 12 Pieces | ● |
| CTRK8125 | Pg 209 | 8mm x 1.25mm – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | 12 Pieces | ● |
| CTRK10150 | Pg 209 | 10mm x 1.50mm – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | 12 Pieces | ● |
| CTRK10125 | Pg 209 | 10mm x 1.25mm – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | 12 Pieces | ● |
| CTRKMET-5 | Pg 209 | Sizes: 5, 6, 8, 10 & 12mm, incl. 5 x Tap Sizes, Insert Tools, Tang Break-off Tools and Drill Bits | 60 Pieces | ● |



WASHERS

ALUMINIUM

| | | | | |
|---------------|-------|--------------------------------------------------------------------------------------|------------|--|
| CA1770 | Pg 61 | Imperial and Metric. 15 Sizes: 1/4" to 1" I.D. & 5mm to 20mm I.D. – Thickness: 1/16" | 315 Pieces | |
|---------------|-------|--------------------------------------------------------------------------------------|------------|--|

BONDED SEAL

| | | | | |
|---------------|-------|----------------------------------------------------------------------|------------|---|
| CA173 | Pg 48 | Imperial. 8 Sizes: 1/8" to 1-1/4" I.D. BSP | 82 Pieces | |
| CA174 | Pg 48 | Metric. 14 Sizes: Suits 8mm I.D. to 42mm I.D. | 91 Pieces | |
| CA2173 | Pg 77 | Metric and Imperial. 22 Sizes: 8mm to 42mm & 1/8" to 1-1/4" I.D. BSP | 173 Pieces | ● |

COPPER

| | | | | |
|---------------|-------|------------------------------------------------------|------------|--|
| CA225 | Pg 49 | Imperial. 12 Sizes: 1/4" to 1" I.D. – Thickness: 20G | 260 Pieces | |
| CA1660 | Pg 58 | Metric. 10 Sizes: 5mm to 24mm I.D. – Thickness: 1mm | 260 Pieces | |

DRAIN (SUMP) PLUG

| | | | | |
|---------------|-------|------------------------------------------------------------------------------------------|-------------|---|
| CA140 | Pg 47 | Fibre, Aluminium and Copper Crush Metric. 12 Sizes: 12mm to 25mm I.D. | 102 Pieces | |
| CA150 | Pg 48 | Fibre, Metric and Imperial. 10 Sizes: 1/2" to 1" & 18mm to 30mm I.D. – Thickness: 3/32" | 143 Pieces | |
| CA1790 | Pg 63 | Aluminium Metric and Imperial. 8 Sizes: 12mm to 24mm I.D. & 1/2" I.D. – Thickness: 2.5mm | 100 Pieces | |
| CA2140 | Pg 76 | Fibre, Aluminium and Copper Crush Metric. 25 Sizes: 12mm to 25mm I.D. | 1015 Pieces | ● |

FIBRE

| | | | | |
|---------------|-------|----------------------------------------------------------------------------|-------------|---|
| CA390 | Pg 52 | 12 Sizes: 5/32" to 3/4" I.D. – Thickness: 1/16" | 405 Pieces | |
| CA400 | Pg 52 | 14 Sizes: 1/8" to 1" I.D. – Thickness: 1/32" | 430 Pieces | |
| CA825 | Pg 55 | 14 Sizes: 1/8" to 1" I.D. – Thickness: 1/32" | 825 Pieces | |
| CA2060 | Pg 75 | 36 Sizes: 5/32" to 1" & 14mm to 30mm I.D. – Thickness: 1/32", 1/16", 3/32" | 1023 Pieces | ● |

Washers continued...

● Master Kits ● Stainless Steel

RANGE OF ASSORTMENTS

WASHERS *Continued*

FLAT & BODY STEEL

| | | | | | |
|---------------|-------|---------------------------------------------------------------------------|-------------|---|--|
| CA2240 | Pg 78 | Imperial and Metric, Zinc Plated. 20 Sizes: 1/8" to 1" & 6mm to 12mm I.D. | 2190 Pieces | ● | |
|---------------|-------|---------------------------------------------------------------------------|-------------|---|--|

FLAT & SPRING STEEL

| | | | | | |
|---------------|-------|------------------------------------------------------------------------------|-------------|---|--|
| CA2050 | Pg 75 | Imperial and Metric, Zinc Plated. 25 Sizes: 5/32" to 3/4" & 6mm to 20mm I.D. | 1158 Pieces | ● | |
|---------------|-------|------------------------------------------------------------------------------|-------------|---|--|

FLAT STEEL

| | | | | | |
|--------------|-------|----------------------------------------------------------------------|------------|--|--|
| CA330 | Pg 51 | Imperial and Metric, Zinc Plated. 10 Sizes: 3/16" to 3/4" & M10 I.D. | 330 Pieces | | |
|--------------|-------|----------------------------------------------------------------------|------------|--|--|

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|--------------|-------|------------------------------------------------------------------------------|------------|--|--|
| CA576 | Pg 55 | Imperial and Metric, Zinc Plated. 13 Sizes: 3/16" to 3/4" & 6mm to 20mm I.D. | 695 Pieces | | |
|--------------|-------|------------------------------------------------------------------------------|------------|--|--|

| | | | | | |
|---------------|-------|----------------------------------------------------------------------------------|------------|--|---|
| CA1730 | Pg 60 | Panel (Body) Steel and Stainless Steel, Zinc Plated. 8 Sizes: 3/16" to 1/2" I.D. | 143 Pieces | | ● |
|---------------|-------|----------------------------------------------------------------------------------|------------|--|---|

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|---------------|-------|----------------------------------------------------------------|------------|--|--|
| CA1755 | Pg 61 | Imperial, High Tensile, Zinc Plated. 10 Sizes: 1/4" to 1" I.D. | 175 Pieces | | |
|---------------|-------|----------------------------------------------------------------|------------|--|--|

FLAT STEEL HEAVY DUTY

| | | | | | |
|--------------|-------|---------------------------------------------------------------------|------------|--|--|
| CA600 | Pg 55 | Imperial, Zinc Plated. 8 Sizes: 3/16" to 3/4" I.D. – Thickness: 14G | 605 Pieces | | |
|--------------|-------|---------------------------------------------------------------------|------------|--|--|

FLAT STEEL EXTRA HEAVY DUTY

| | | | | | |
|---------------|-------|--------------------------------------------------------------------------|------------|--|--|
| CA1670 | Pg 58 | Imperial, Zinc Plated. 8 Sizes: 3/16" to 3/4" I.D. – Thickness: up to 9G | 325 Pieces | | |
|---------------|-------|--------------------------------------------------------------------------|------------|--|--|

FUEL INJECTION COPPER

| | | | | | |
|--------------|-------|--------------------------------------------------------------|------------|--|--|
| CA226 | Pg 49 | Metric. 14 Sizes: 6mm to 26mm I.D. – Thickness: 1, 1.5 & 2mm | 305 Pieces | | |
|--------------|-------|--------------------------------------------------------------|------------|--|--|

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|---------------|-------|--------------------------------------------------------------|------------|---|--|
| CA2260 | Pg 78 | Metric. 24 Sizes: 5mm to 26mm I.D. – Thickness: 1, 1.5 & 2mm | 565 Pieces | ● | |
|---------------|-------|--------------------------------------------------------------|------------|---|--|

NYLON

| | | | | | |
|---------------|-------|-------------------------------------------------------------------|------------|--|--|
| CA1740 | Pg 60 | Metric and Imperial. 11 Sizes: 12mm to 25mm & 1/2" to 13/16" I.D. | 160 Pieces | | |
|---------------|-------|-------------------------------------------------------------------|------------|--|--|

POLYPROPYLENE

| | | | | | |
|---------------|-------|--------------------------------------------------------------------------------|------------|--|--|
| CA1460 | Pg 58 | Metric and Imperial. 10 Sizes: 18mm to 30mm & 1/2" to 1" I.D. – Thickness: 3mm | 123 Pieces | | |
|---------------|-------|--------------------------------------------------------------------------------|------------|--|--|

| | | | | | |
|---------------|-------|--------------------------------------------------------|------------|--|--|
| CA1680 | Pg 59 | Imperial. 16 Sizes: 1/8" to 1" I.D. – Thickness: 1/32" | 490 Pieces | | |
|---------------|-------|--------------------------------------------------------|------------|--|--|

SHIM STEEL

| | | | | | |
|--------------|-------|------------------------------------------------------------|------------|--|--|
| CA276 | Pg 50 | Imperial. 22 Sizes: 5/8" to 1-3/8" I.D. – Thickness: .006" | 276 Pieces | | |
|--------------|-------|------------------------------------------------------------|------------|--|--|

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|---------------|-------|---------------------------------------------------------|------------|--|--|
| CA1750 | Pg 61 | Imperial. 14 Sizes: 3/16" to 1" I.D. – Thickness: .006" | 190 Pieces | | |
|---------------|-------|---------------------------------------------------------|------------|--|--|

| | | | | | |
|---------------|-------|-------------------------------------------------------------|------------|---|--|
| CA2276 | Pg 78 | Imperial. 36 Sizes: 3/16" to 1-3/8" I.D. – Thickness: .006" | 466 Pieces | ● | |
|---------------|-------|-------------------------------------------------------------|------------|---|--|

SPACING STEEL

| | | | | | |
|--------------|-------|------------------------------------------------------------------|------------|--|--|
| CA500 | Pg 53 | Imperial. 14 Sizes: 1/4" to 1-1/8" I.D. – Thickness: 22G (.028") | 545 Pieces | | |
|--------------|-------|------------------------------------------------------------------|------------|--|--|

SPRING

| | | | | | |
|--------------|-------|----------------------------------------------------------------------------|------------|--|--|
| CA520 | Pg 54 | Imperial and Metric, Zinc Plated. 11 Sizes: 5/32" to 3/4" & M4 to M16 I.D. | 535 Pieces | | |
|--------------|-------|----------------------------------------------------------------------------|------------|--|--|

| | | | | | |
|--------------|-------|------------------------------------------------------------------------------|------------|--|--|
| CA648 | Pg 55 | Imperial and Metric, Zinc Plated. 12 Sizes: 5/32" to 5/8" & 4mm to 20mm I.D. | 933 Pieces | | |
|--------------|-------|------------------------------------------------------------------------------|------------|--|--|

| | | | | | |
|---------------|-------|--------------------------------------------------------------------|------------|--|--|
| CA1008 | Pg 56 | Square Section, Zinc Plated, Imperial. 8 Sizes: 3/16" to 3/4" I.D. | 895 Pieces | | |
|---------------|-------|--------------------------------------------------------------------|------------|--|--|

STAINLESS STEEL FLAT & PANEL

| | | | | | |
|---------------|-------|--------------------------------------------------------------------------|------------|--|---|
| CA1830 | Pg 67 | 304/A2, Imperial. 16 Sizes: 1/8" to 3/4" Flat & 3/16" to 3/8" Panel I.D. | 385 Pieces | | ● |
|---------------|-------|--------------------------------------------------------------------------|------------|--|---|

STAINLESS STEEL SPRING

| | | | | | |
|---------------|-------|--------------------------------------------------------------|------------|--|---|
| CA1840 | Pg 67 | 304/A2, Imperial. 12 Sizes: 5/32" to 3/4" & 4mm to 16mm I.D. | 345 Pieces | | ● |
|---------------|-------|--------------------------------------------------------------|------------|--|---|

STAR

| | | | | | |
|--------------|-------|-------------------------------------------------------------|------------|--|--|
| CA510 | Pg 54 | Internal and External, Zinc Plated. 14 Sizes: 3/16" to 5/8" | 500 Pieces | | |
|--------------|-------|-------------------------------------------------------------|------------|--|--|

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|---------------|-------|-----------------------------------------------------------|------------|--|--|
| CA1780 | Pg 62 | Internal and External, Zinc Plated. 14 Sizes: 4mm to 16mm | 560 Pieces | | |
|---------------|-------|-----------------------------------------------------------|------------|--|--|

● Master Kits ● Stainless Steel



VACUUM HOSE CONNECTORS

| | | | | | |
|---------------|-------|-------------------------------------------|------------|---|--|
| CA2075 | Pg 76 | Vacuum Hose and Tube Connectors. 49 Sizes | 136 Pieces | ● | |
|---------------|-------|-------------------------------------------|------------|---|--|



WIRING TERMINALS

INSULATED CRIMP TYPE

| | | | | | |
|---------------|-------|----------------------------------------------------------------------------------------|------------|---|--|
| CA161 | Pg 48 | Insulated Crimp Type. 14 Types incl. Spade, Ring, Tab & Splice | 136 Pieces | | |
| CA2040 | Pg 75 | Crimp Type. 28 Types incl. Push-On Bullet, Ring, Tab, Splice & Lanced | 364 Pieces | ● | |
| CA2700 | Pg 79 | Crimp Type incl. Adjustable Ratchet Crimp Tool. Suitable for 3, 4 & 5mm Wire. 20 Types | 700 Pieces | ● | |

CONNECTOR BLOCK

| | | | | | |
|--------------|-------|----------------------------------------------------------------------------|------------|--|--|
| CA240 | Pg 50 | Wiring Connector Block, M/F with Brass Terminals. 4 Sizes: 2, 4, 6 & 8 Pin | 240 Pieces | | |
|--------------|-------|----------------------------------------------------------------------------|------------|--|--|



WOODRUFF KEYS

COMBINATION

| | | | | | |
|---------------|-------|-----------------------------------------------------------------|------------|---|--|
| CA2177 | Pg 77 | Imperial and Metric. 34 Sizes: 3/32" to 3/8" & 2mm to 10mm Dia. | 341 Pieces | ● | |
|---------------|-------|-----------------------------------------------------------------|------------|---|--|

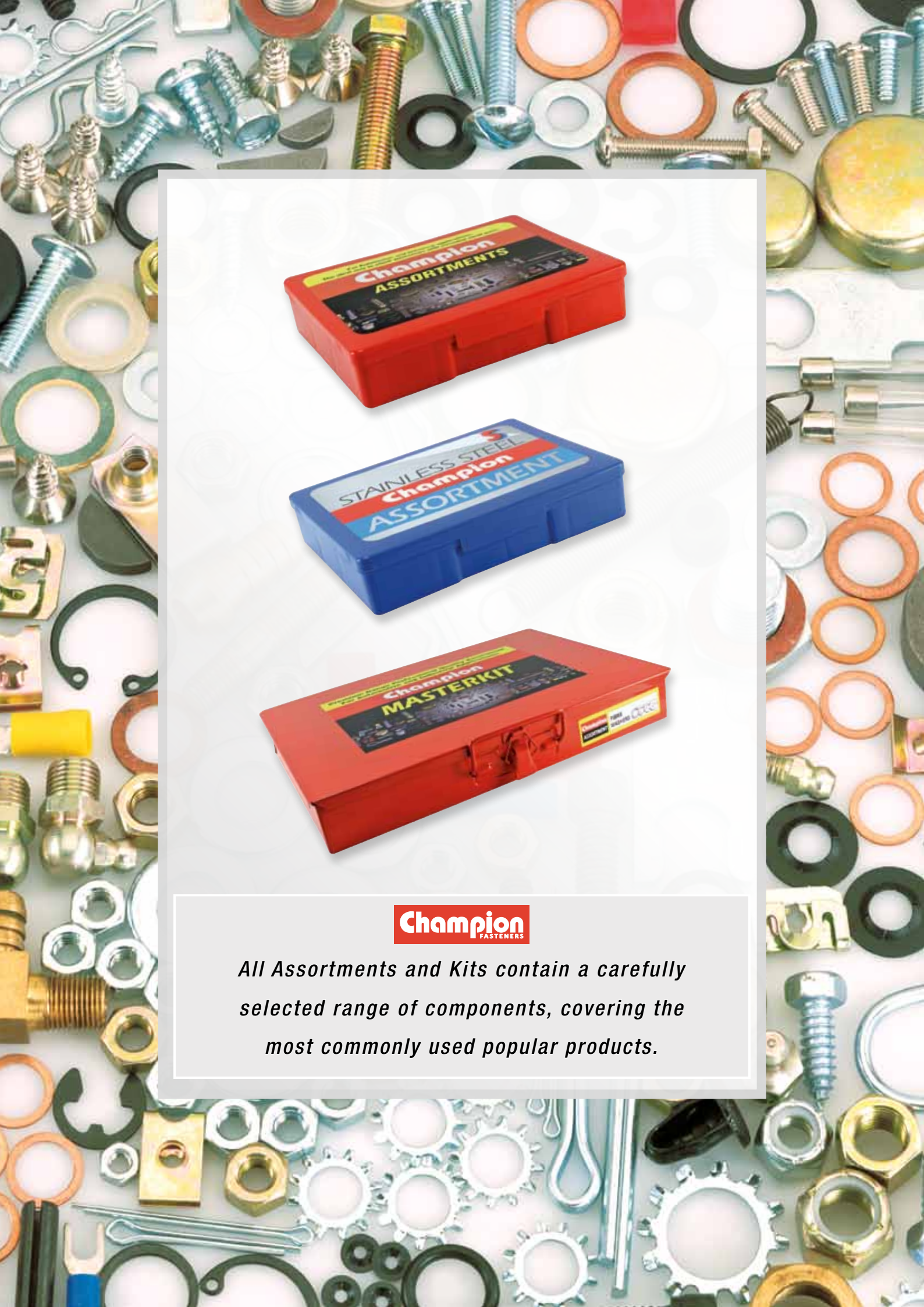
IMPERIAL

| | | | | | |
|--------------|-------|----------------------------------------------------|------------|--|--|
| CA177 | Pg 48 | Imperial. 17 Sizes: No.2 to No.'E' (3/32" to 3/8") | 177 Pieces | | |
|--------------|-------|----------------------------------------------------|------------|--|--|

METRIC

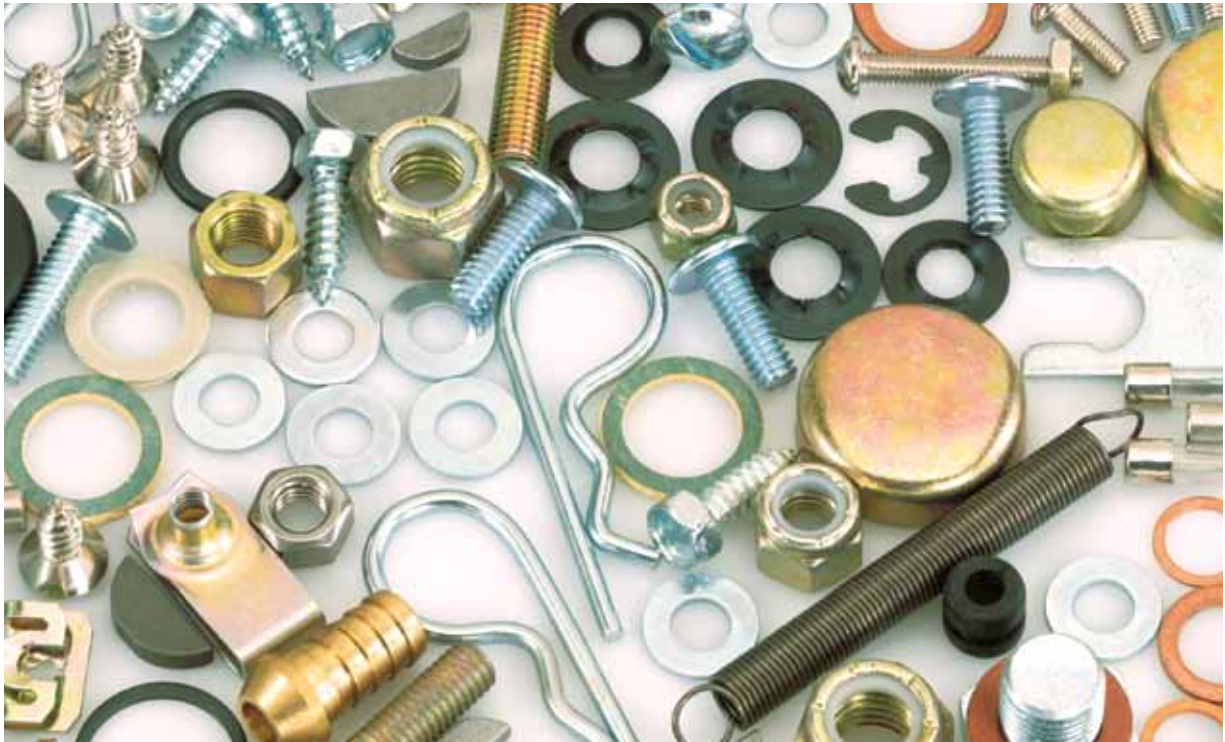
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|---------------|-------|---------------------------------------------|------------|--|--|
| CA1705 | Pg 59 | Metric. 17 Sizes: 2mm x 10mm to 10mm x 32mm | 164 Pieces | | |
|---------------|-------|---------------------------------------------|------------|--|--|

● Master Kits ● Stainless Steel



Champion
FASTENERS

All Assortments and Kits contain a carefully selected range of components, covering the most commonly used popular products.



CHAMPION ASSORTMENTS & MASTER KITS



*Complete Listing of Champion Poly Box
Stainless Steel and Master Kit Assortments
in Alphabetical Sequence*

ALPHA LISTING

| PRODUCT | PART NO. | IMAGE PAGE NO. | MASTER KITS | STAINLESS STEEL |
|--------------------------------------------------------------------------------------------------------------------|----------|----------------|-------------|-----------------|
| ALIGNMENT SHIMS | | | | |
| Wheel Alignment Shims – Imperial. 12 Sizes for GM & Ford vehicles, 4 Types: 1/32", 1/16" & 1/8" Thick | CA106 | 45 | | |
| Wheel Alignment Shims – Metric. 11 Sizes – Thickness: 1, 1.5, 2 & 3mm | CA107 | 45 | | |
| BOLTS & NUTS | | | | |
| 6mm Bolts & Nuts – GR8.8, incl. Self-Lock Nuts & Washers. Set Screws & Flange Hd Lengths: 16 to 40mm | CA2206 | 77 | ● | |
| 8mm Bolts & Nuts – GR8.8, incl. Self-Lock Nuts & Washers. Set Screws & Flange Hd Lengths: 20 to 50mm | CA2208 | 77 | ● | |
| 10mm Bolts & Nuts – GR8.8, incl. Self-Lock Nuts & Washers. Set Screws & Flange Hd Lengths: 25 to 50mm | CA2210 | 77 | ● | |
| Flange Head Hex Set Screws & Nuts – Metric J.I.S, High Tensile, GR8.8, Zinc Plated. 14 Sizes: 5mm to 10mm | CA200 | 49 | | |
| Set Screws and Nuts – Metric GR8.8, ISO and Fine Pitch, Zinc Plated. 9 Sizes: M6 to M12 Dia. | CA1480 | 58 | | |
| Metric Bolts, Set Screws and Nuts – High Tensile, GR8.8, Zinc Plated. 17 Sizes: M4 to M12 Dia. | CA431 | 73 | ● | |
| Flange Head Hex Set Screws & Nuts – Metric, High Tensile, GR8.8, Z/P. 17 Sizes: 5mm to 10mm Dia. | CA495 | 73 | ● | |
| Set Screws and Nuts – Metric, High Tensile, GR8.8, Zinc Plated. 13 Sizes: M4 to M10 Dia. | CA196 | 49 | | |
| Metric Bolts, Set Screws & Nuts – High Tensile, Z/P. 6 to 12mm Dia. Lengths: 20 to 50mm | CA2431 | 79 | ● | |
| Metric Bolts, Set Screws & Nuts – ISO & Fine Pitch, H/T, GR8.8, Z/P. 16 Sizes: M4 to M12 Dia. | CA480 | 73 | ● | |
| Stainless Steel Hex Set Screws & Nuts – Metric, 316/A4. 13 Sizes: 4-10mm Dia. – Lengths 16-50mm | CA1885 | 69 | | ● |
| Nylon Bolts and Nuts – Hex Head. 19 Sizes: 5, 6 & 8mm Dia. | CA2788 | 80 | ● | |
| Stainless Steel Metric Set Screws and Nuts – 304/A2. 16 Sizes: M4 to M12 Dia. | CA1880 | 74 | ● | ● |
| Stainless Steel Set Screws and Nuts – Metric, 304/A2. 13 Sizes: M4 to M10 Dia. | CA1870 | 68 | | ● |
| Stainless Steel Set Screws and Nuts – UNC, 316/A4. 10 Sizes: 1/4" to 3/8" Dia. | CA1875 | 68 | | ● |
| UNC Bolts, Set Screws and Nuts – High Tensile, GR8. 17 Sizes: 1/4" to 1/2" Dia. Lengths: 3/4" to 2" | CA2370 | 78 | ● | |
| UNC Bolts, Set Screws and Nuts – High Tensile, GR5, Zinc Plated. 16 Sizes: 1/4" to 1/2" Dia. | CA370 | 73 | ● | |
| UNC Set Screws and Nuts – High Tensile, GR5, Zinc Plated. 11 Sizes: 1/4" to 3/8" Dia. | CA125 | 47 | | |
| UNF Bolts, Set Screws and Nuts – High Tensile, GR5, Zinc Plated. 16 Sizes: 1/4" to 1/2" Dia. | CA365 | 73 | ● | |
| UNF Set Screws with Nuts – High Tensile, GR5, Zinc Plated. 11 Sizes: 1/4" to 3/8" Dia. | CA120 | 46 | | |
| BOLTS & NUTS Promotional Items | | | | |
| Bucket of Bolts – Imperial, H/T, GR5, Nuts, Flat & Spring Washers to Suit, Z/P. 20 Sizes: 1/4" to 1/2" Dia. 900pce | BBIMP | 220 | | |
| Bucket of Bolts – Metric, H/T, GR8.8, Nuts, Flat & Spring Washers to Suit, Z/P. 20 Sizes: M6 to M12, 900pce | BBMET | 220 | | |
| <i>Contents for BBIMP and BBMET see page 220</i> | | | | |
| Case of Bolts – Metric, H/T, GR8.8, Bolts & Set Screws with Nuts to Suit. 37 Sizes: M5 to M16, 600pce | CMA1 | 220 | | |
| Case of Bolts – UNC & UNF, H/T, GR5, Bolts & Set Screws, Nuts to Suit. 38 Sizes: 1/4" to 1/2" Dia, 600pce | CBA1 | 220 | | |
| Case of Bolts – Metric, Fine Pitch, H/T, GR8, Bolts & Set Screws, Nuts to Suit. 39 Sizes: M6 to M12, 600pce | CFM1 | 220 | | |
| BRASS | | | | |
| Brass Fittings – Adaptors, Tails, Elbows, Nuts and Connectors. 20 Types | CA70 | 43 | | |
| Brass Fittings – Olives, Unions, Flare Nuts and Reducing Bushes. 33 Types | CA132 | 47 | | |
| Brass Fittings – Single and Double Unions, Nuts and Elbows. 22 Types | CA134 | 47 | | |
| Brass Fittings – Single and Double Unions, Dole Nuts, M/F Elbows, Nipples and Plugs | CA178 | 49 | | |
| Brass Olives – Suits Copper & Nylon Tube. Sizes: Copper 1/8" to 1/2" & Nylon 3/16" to 3/8", 330 Pieces | CA1412 | 56 | | |
| Brass Hose Fittings – 'T' Pieces, Joiners, Tails, Elbows and Adaptors. 53 Sizes, 106 Pieces | CA2070 | 76 | ● | |

| PRODUCT | PART NO. | IMAGE PAGE NO. | MASTER KITS | STAINLESS STEEL |
|--------------------------------------------------------------------------------------------------|----------|-------------------|----------------|--------------------|
| CLIPS & CLAMPS | | | | |
| Circlips – Imperial, External. 20 Sizes: 1/4" to 2" (Shaft Size) | CA2035 | 75 | ● | |
| Circlips – Imperial, Internal. 20 Sizes: 1/4" to 2" (Bore Size) | CA2030 | 75 | ● | |
| Circlips – Imperial, Internal and External. 14 Sizes: 1/4" to 1" | CA155 | 48 | | |
| Circlips – Metric, External. 20 Sizes: 6mm to 50mm (Shaft Size) | CA2015 | 74 | ● | |
| Circlips – Metric, Internal. 20 Sizes: 8mm to 50mm (Bore Size) | CA2010 | 74 | ● | |
| Circlips – Metric, Internal and External. 14 Sizes: 6mm to 25mm | CA1760 | 61 | | |
| 'E' Clips and Retainer Springs – 14 Sizes: 3/32" to 5/8" | CA1424 | 58 | | |
| Hose Clamps – Stainless Steel (Zinc Plated Screw). 9 Sizes: 6-16mm to 40-64mm, 120 Pieces | CHCA120 | 137 | | ● |
| Lock Rings – External SPN Type. 10 Sizes: 1.5mm to 12mm | CA1765 | 61 | | |
| Nylon Cable 'P' Clamps and Cable Tie Mounts – 124 Pieces | CA124 | 47 | | |
| Pipe Support Anchors – Metal with Rubber Protector. 28 Pieces | CA22 | 42 | | |
| Plastic Trim Clips and Screw Grommets – 14 Sizes, 180 Pieces | CA1735 | 60 | | |
| Plastic Trim Clips and Screw Grommets – 20 Sizes, 275 Pieces | CA2265 | 78 | ● | |
| 'R' Clips – Zinc Plated. 8 Sizes: 1/8" to 1" (Shaft Size) | CA1745 | 60 | | |
| Stainless Steel 'E' Clips – Metric, 304/A2. 8 Sizes: 1.9mm to 15mm | CA1824 | 67 | | ● |
| Stainless Steel External Circlips – Metric, 304/A2. 8 Sizes: 6mm to 22mm | CA1862 | 68 | | ● |
| Stainless Steel Internal Circlips – Metric, 304/A2. 8 Sizes: 10mm to 25mm | CA1861 | 68 | | ● |
| Trim Clips – Scrivets. 16 Types, 675 Pieces | CA2080 | 76 | ● | |
| Trim Clips – Xmas Tree Clips. 16 Types, 690 Pieces | CA2085 | 76 | ● | |
| FUSES | | | | |
| Fuses – AF Blade. 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. | CA110 | 45 | | |
| Fuses – AF Circuit Breaker. 7 Sizes: 5, 7.5, 10, 15, 20, 25, 30 Amp. | CA113 | 46 | | |
| Fuses – Blade, Circuit Breaker, Micro and Mini Blades. 3 Amp. to 30 Amp. – 24 Types | CA2385 | 79 | ● | |
| Fuses – Glass, Blade and European. 14 Sizes: 3 Amp. to 35 Amp. | CA105 | 44 | | |
| Fuses – Glass, Blade and European. 28 Sizes: 2 Amp. to 50 Amp. – 24 Types | CA2005 | 74 | ● | |
| Fuses – Low Profile Blade. 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. | CA111 | 45 | | |
| Fuses – Mini Blade. 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. | CA112 | 46 | | |
| GREASE NIPPLES | | | | |
| Grease Nipples – Straight and Angle Nipples. UNF, BSF, BSP and NPT Threads. 15 Sizes | CA108 | 45 | | |
| Grease Nipples – Straight and Angle Nipples. Metric, Fine and Coarse. 12 Sizes: 6mm to 10mm Dia. | CA109 | 45 | | |
| Grease Nipples – Combination Metric and Imperial, Zinc Plated. 20 Sizes | CA2415 | 79 | ● | |
| Stainless Steel Grease Nipples – Metric and Imperial, 316/A4. 14 Sizes | CA1808 | 66 | | ● |
| GROMMETS | | | | |
| Blanking Grommets – Rubber. 8 Sizes: 5/16" to 1-1/8" (Panel Hole Size) | CA90 | 43 | | |
| Rubber Grommets – Wiring and Blanking. 20 Sizes: 1/8" to 1-1/8" | CA2174 | 77 | ● | |
| Wiring Grommets – Rubber. 12 Sizes: 1/8" to 29/32" (Wire Hole Size) | CA63 | 43 | | |

| PRODUCT | PART NO. | IMAGE PAGE NO. | MASTER KITS | STAINLESS STEEL |
|---------------------------------------------------------------------------------------------------------|----------|-------------------|----------------|--------------------|
| GRUB SCREWS | | | | |
| Stainless Steel (Grub) Screws – Metric & Imperial, 316/A4. 14 Sizes: 5 to 8mm & 3/16" to 3/8" BSW | CA1816 | 66 | | ● |
| Socket Set (Grub) Screws – Metric GR8.8 & Imperial. 14 Sizes: 5 to 8mm & 3/16" to 3/8" BSW | CA1416 | 57 | | |
| LINKAGES | | | | |
| Linkages (Ball Joints) – 90° and Inline, Zinc Plated. 10 Sizes: 3/16" to 5/16" | CA1320 | 56 | | |
| NUTS | | | | |
| Brass Manifold Nuts – UNC, UNF, BSF, Metric Fine and Coarse Pitch. 17 Sizes | CA95 | 43 | | |
| Coupling Nuts – Metric and UNC, Zinc Plated. 10 Sizes: M5 to M12 & 3/16" to 7/16" | CA1796 | 63 | | |
| Flange Nuts – Zinc Plated. 8 Sizes: 5mm to 12mm, incl. M10 to M12 Fine Pitch | CA100 | 44 | | |
| Hex Nuts – Metric, Zinc Plated. 12 Sizes: Plain Nuts M3 to M10, Self-Locking Nuts M4 to M10 | CA300 | 51 | | |
| Lock Rings – External SPN Type. 10 Sizes: 1.5mm to 12mm | CA1765 | 61 | | |
| Nylon Nuts – Metric, Wing, Dome and Hex Nuts. 9 Sizes: M5 to M8 Dia. & 5mm to 8mm | CA1792 | 63 | | |
| Rivet Nut Inserts – 5 Sizes: 4mm to 10mm Dia. | CA505 | 53 | | |
| Self-Locking Nuts, Nylon Insert – Metric, Zinc Plated. 10 Sizes: M5 x 0.8 to M12 x 1.75 | CA270 | 50 | | |
| Self-Locking Nuts, Nylon Insert – Metric, UNC, UNF & Zinc Plated. 10 Sizes: M6 to M10 & 1/4" to 3/8" | CA360 | 51 | | |
| Self-Locking Nuts, Nylon Insert – UNC and UNF, Zinc Plated. 12 Sizes: 3/16" to 1/2" | CA126 | 47 | | |
| Speed Nuts – 'U' and Flat Types, Zinc Passivated. 12 Sizes: 3/32" to 3/16" Dia. | CA380 | 52 | | |
| Wing Nuts – Metric and UNC, Zinc Plated. 9 Sizes: M4 to M10, UNC 3/16" to 3/8" | CA1794 | 63 | | |
| Wing Screws and Nuts – Metric, Stainless Steel, 316/A4. 11 Sizes: M4 to M6 – Lengths 10 to 25mm | CA1892 | 69 | | ● |
| 'O' RINGS | | | | |
| Air Conditioning 'O' Rings – Suits R134A Gas. HMBR (Green), Imperial, 70 Shore. 10 Sizes: 3/16" to 3/4" | CA411 | 53 | | |
| High Pressure Series 'O' Rings – Nitrile, Imperial, 90 Shore. 20 Sizes: 3/16" to 2" with Removing Tool | CA212 | 49 | | |
| High Temp and High Pressure 'O' Rings – Viton, Imperial, 75 Shore. 12 Sizes: 7/32" to 1" | CA118 | 46 | | |
| Imperial 'O' Rings – Nitrile, 70 Shore. 14 Sizes: 3/16" to 1" I.D. | CA115 | 46 | | |
| Imperial 'O' Rings – Nitrile, 70 Shore. 32 Sizes: 1/8" to 2" I.D. | CA407 | 52 | | |
| Metric 'O' Rings – Nitrile, 70 Shore. 15 Sizes: 5mm to 25mm I.D. | CA116 | 46 | | |
| Metric 'O' Rings – Nitrile, 70 Shore. 32 Sizes: 3mm to 50mm I.D. | CA408 | 52 | | |
| 'O' Ring Splicing Kit – Nitrile, Imperial, 70 Shore. 5 Sizes: 'O' Ring Cord .070" to .275" (36" each) | CA409 | 52 | | |
| 'O' Ring Splicing Kit – Nitrile, Metric, 70 Shore. 9 Sizes: 'O' Ring Cord 1.5mm to 8.5mm (900mm each) | CA410 | 52 | | |
| PINS | | | | |
| Clevis Pins – Imperial, Zinc Plated. 9 Sizes: 1/4" to 7/16" Dia. | CA52 | 42 | | |
| Roll Pins – Imperial. 12 Sizes: 3/16" to 3/8" Dia. (Large Sizes) | CA1435 | 58 | | |
| Roll Pins – Imperial. 18 Sizes: 1/16" to 1/4" Dia. (Small Sizes) | CA1421 | 57 | | |
| Roll Pins – Imperial. 24 Sizes: 3/32" to 3/8" Dia. | CA2025 | 74 | ● | |
| Roll Pins – Metric. 12 Sizes: 5mm to 10mm Dia. (Large Sizes) | CA1725 | 60 | | |
| Roll Pins – Metric. 18 Sizes: 2mm to 6mm Dia. (Small Sizes) | CA1715 | 59 | | |
| Roll Pins – Metric. 24 Sizes: 2mm to 10mm Dia. (Large Sizes) | CA2020 | 74 | ● | |

| PRODUCT | PART NO. | IMAGE PAGE NO. | MASTER KITS | STAINLESS STEEL |
|------------------------------------------------------------------------------------------------------------|----------|-------------------|----------------|--------------------|
| PINS <i>Continued</i> | | | | |
| Split Pins – Imperial, Zinc Plated. 10 Sizes: 1.6mm to 4mm Dia. incl. 7/64" & 9/64" Dia. | CA800 | 55 | | |
| Split Pins – Metric, Zinc Plated. 11 Sizes: 5mm to 13mm Dia. – Lengths to 150mm (Large Sizes) | CA280 | 50 | | |
| Split Pins – Zinc Plated. 8 Sizes: 1.6mm to 3.2mm Dia. incl. 7/64" Dia. | CA1152 | 56 | | |
| Split Pins – Metric, Zinc Plated. 16 Sizes: 1.6mm x 22mm to 6.3mm x 50mm | CA2540 | 79 | ● | |
| Stainless Steel Roll Pins – Metric, 304/A2. 14 Sizes: 2mm to 6mm Dia. | CA1815 | 66 | | ● |
| Stainless Steel Split Pins – Metric, 304/A2. 10 Sizes: 1.6mm to 5mm Dia. | CA1850 | 67 | | ● |
| Taper Pins – 14 Sizes: No.4 x 2-1/2" to No.10 x 6" (Large Sizes) | CA1700 | 59 | | |
| Taper Pins – 14 Sizes: No.0 x 1" to No.5 x 2" (Small Sizes) | CA1690 | 59 | | |
| PLUGS | | | | |
| Expansion Plugs – Cup Type Brass, Imperial. 10 Sizes: 3/4" to 2-1/16" | CA42 | 42 | | |
| Expansion Plugs – Cup Type Brass, Metric. 12 Sizes: 20mm to 50mm | CA43 | 42 | | |
| Expansion Plugs – Cup Type Steel, Imperial, Zinc Plated. 13 Sizes: 19/32" to 2-1/16" | CA38 | 42 | | |
| Expansion Plugs – Cup Type Steel, Zinc Plated, Metric. 12 Sizes: 18mm to 46.5mm | CA1411 | 56 | | |
| Expansion Plugs Steel Disc/Lens Type – Zinc Plated. 16 Sizes: 3/4" to 2" | CA98 | 44 | | |
| Drain (Sump) Plugs Steel – Metric and Imperial, Zinc Plated. 9 Sizes | CA58 | 43 | | |
| RIVETS | | | | |
| Rivets Blind Aluminium – 10 Sizes: 3/32" to 3/16" Dia. | CA502 | 53 | | |
| Rivet Nut Inserts – 5 Sizes: 4mm to 10mm Dia. | CA505 | 53 | | |
| Rivets Stainless Steel Blind – 304/A2. 16 Sizes: 2.4mm to 5mm Dia. | CA1894 | 69 | | ● |
| SCREWS | | | | |
| Button Head Cap Screws – Metric. 14 Sizes: 4mm to 8mm Dia – Lengths to 30mm | CA1420 | 57 | | |
| Machine Screws & Nuts – Fine Thread Round Head Slotted, Nickel Plated. 11 Sizes: 6/40" to 10/32" | CA228 | 50 | | |
| Machine Screws & Nuts – Metric, Pan Head Phillips, Z/P. 12 Sizes: 3mm to 6mm x 10mm to 25mm Long | CA21 | 42 | | |
| Machine Screws – Metric, Countersunk, Z/P. 13 Sizes: M3 to M6 Dia. – Lengths 16 to 50mm | CA1786 | 63 | | |
| Machine Screws – Metric, Pan Head, Phillips, Zinc Plated. 24 Sizes: M3 to M6 Dia. | CA2705 | 80 | ● | |
| Machine Screws & Nuts – Metric, Countersunk Head, Zinc Plated. 20 Sizes: M3 to M6 Dia. | CA2710 | 80 | ● | |
| Machine Screws & Nuts – Mushroom Head Slotted, UNC, Zinc Plated. 8 Sizes: 3/16" to 1/4" | CA252 | 50 | | |
| Machine Screws & Nuts – Pan Hd, Phillips, 316/A4. 14 Sizes: M5 to M6 Dia. – Lengths 10 to 50mm | CA1888 | 69 | | ● |
| Machine Screws & Nuts – C/Sunk, Phillips, 316/A4. 11 Sizes: M5 to M6 Dia. – Lengths 16 to 50mm | CA1890 | 69 | | ● |
| Machine Screws & Nuts – Round Head Slotted, BSW, Zinc Plated. 8 Sizes: 1/8" x 3/4" to 1/4" x 2" | CA290 | 51 | | |
| Motorcycle Fasteners – Metric Socket Head Cap, Machine & Hex Screws, & Star Washers, Z/P. 28 Sizes | CA302 | 51 | | |
| Torx® Security Machine Screws – Metric, Pan Head, 304/A2. 14 Sizes: M5 to M8 Dia. – Lengths 10 to 30mm | CA1886 | 69 | | ● |
| Torx® Security Machine Screws – Metric, Pan Head, Z/P. 15 Sizes: M4 to M6 Dia. – Lengths 10 to 30mm | CA1772 | 61 | | |
| Torx® Security Machine Screws – Metric, Countersunk, Z/P. 13 Sizes: 4 to 6mm – Lengths 10 to 30mm | CA1774 | 62 | | |
| Torx® Security Button Head Screws – Metric, Zinc Plated. 14 Sizes: M4 to M8 Dia. – Lengths 16 to 30mm | CA1784 | 62 | | |
| Torx® Security Self-Drilling Screws – Pan Head, Zinc Plated. 15 Sizes: 6G to 10G Dia. – Lengths 13 to 38mm | CA1782 | 62 | | |
| Wing Screws – Metric, Zinc Plated. 8 Sizes: M4 to M6 Dia. – Lengths 16mm to 40mm | CA1798 | 63 | | |

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| PRODUCT | PART NO. | IMAGE PAGE NO. | MASTER KITS | STAINLESS STEEL |
|----------------------------------------------------------------------------------------------------------------|----------|----------------|-------------|-----------------|
| SCREWS <i>Continued</i> | | | | |
| Sems Assembly – Metric, Single and Double Washers, Zinc Passivated. 20 Sizes: M5 to M10 Dia. | CA2715 | 80 | ● | |
| Socket Head Cap Screws – BSW, High Tensile. 14 Sizes: 3/16" to 5/16" Dia – Lengths to 1-1/2" | CA1418 | 57 | | |
| Socket Head Cap Screws – BSW, High Tensile. 25 Sizes: 3/16" x 5/8" to 1/2" x 2-1/4" | CA2300 | 78 | ● | |
| Socket Head Cap Screws – Metric, High Tensile, GR8.8, 14 Sizes: M5 to M10 Dia. | CA1417 | 57 | | |
| Socket Head Cap Screws Countersunk – Metric, GR8.8, Sizes: 4mm to 8mm Dia – Lengths to 30mm | CA1419 | 57 | | |
| Socket Head Cap Screws – Metric, GR8.8, Zinc Plated. 24 Sizes: 3mm to 8mm Dia. | CA2417 | 79 | ● | |
| Socket Set (Grub) Screws – Metric GR8.8, Imperial. 14 Sizes: 5 to 8mm & 3/16" to 3/8" BSW | CA1416 | 57 | | |
| Stainless Steel (Grub) Screws – Metric & Imperial, 316/A4. 14 Sizes: 5 to 8mm & 3/16" to 3/8" BSW | CA1816 | 66 | | ● |
| Stainless Steel Assortment – Bolts, Screws, Washers and Split Pins, 304/A2. 38 Sizes | CA1800 | 66 | | ● |
| Stainless Steel Assortment – Screws, Washers and Nuts, 302/A2, 316/A4. 52 Sizes | CA214 | 215 | | ● |
| Stainless Steel Cap Screws – Metric, 316/A4. 14 Sizes: 5mm to 10mm | CA1817 | 66 | | ● |
| Stainless Steel Cap Screws – BSW, 316/A4. 14 Sizes: 3/16" to 3/8" – Lengths to 1-1/2" | CA1818 | 66 | | ● |
| Stainless Steel Machine Screws & Nuts – BSW, 304/A2. 10 Sizes: 1/8" to 1/4" | CA1860 | 67 | | ● |
| Stainless Steel Wing Screws & Nuts – Metric, 316/A4. 11 Sizes: M4 to M6 – Lengths 10mm to 25mm | CA1892 | 69 | | ● |
| SELF-TAPPING SCREWS | | | | |
| Anti-Theft One Way Screws – Self-Tapping and 6mm Thread, incl. Washers and Nuts, Zinc Plated | CA570 | 55 | | |
| Self-Drilling Screws – Wafer and Hex Head, Yellow Zinc. 8 Sizes: 8G & 10G – Lengths to 30mm | CA530 | 54 | | |
| Self-Tapping Screws – Pan and Raised Head, Phillips, Black Zinc. 14 Sizes: 6G to 12G – Lengths to 1-1/2" | CA1200 | 56 | | |
| Self-Tapping Screws – Mushroom Head, Black Zinc. 14 Sizes: 6G to 12G – Lengths to 2" | CA1720 | 60 | | |
| Self-Tapping Screws – Pan and Mushroom Head, Phillips, Black Zinc. 28 Sizes: 6G to 12G – Lengths to 2" | CA2045 | 75 | ● | |
| Self-Tapping Screws – Pan and Raised Head, Phillips, N/P. 13 Sizes: 4G to 10G – Lengths to 1-1/2" | CA540 | 54 | | |
| Self-Tapping Screws – Pan and Raised Head, Slotted, Zinc Plated. 13 Sizes: 6G to 12G – Lengths to 1" | CA550 | 54 | | |
| Self-Tapping Screws – Pan Head, Slotted, Zinc Plated. 8 Sizes: 6G to 10G – Lengths to 1-1/2" | CA560 | 54 | | |
| Self-Tapping Screws – Pan Head Phillips, Zinc Plated. 14 Sizes: 6G to 12G – Lengths to 2" | CA1710 | 59 | | |
| Self-Tapping Screws – Raised and Pan Head Slotted, Zinc Plated. 12 Sizes: 6G to 12G – Lengths to 1" | CA420 | 53 | | |
| Self-Tapping Screws – Raised, Hex and Pan Head, Z/P. 14 Sizes: 4G to 14G – Lengths to 1-1/2" | CA430 | 53 | | |
| Self-Tapping Screws – Hex Head, Zinc Plated. 14 Sizes: 6G to 14G – Lengths to 1" | CA350 | 51 | | |
| Self-Tapping Screws – Phillips Raised, Pan Slot & Hex Head, incl. Cup Washers. Z/P, N/P. 19 Sizes: 6G to 14G | CA1630 | 73 | ● | |
| Self-Tapping Screws – Raised C/Sunk, Phillips, 316/A4. 19 Sizes: 4G to 10G Dia. – Lengths 1/2" to 2" | CA1884 | 68 | | ● |
| Stainless Steel Self-Tapping Screws – Countersunk, Phillips, 304/A2. 15 Sizes: 4G to 10G – Lengths to 1-1/2" | CA1820 | 67 | | ● |
| Stainless Steel Self-Tapping Screws – Pan Head, Phillips, 304/A2. 15 Sizes: 4G to 10G – Lengths 1/2" to 1-1/2" | CA1810 | 66 | | ● |
| Torx® Security Self-Tapping Screws – Pan Head, Z/P. 17 Sizes: 6G to 10G Dia. – Lengths 13 to 38mm | CA1776 | 62 | | |
| Torx® Security Self-Tapping Screws – Countersunk, Z/P. 17 Sizes: 6G to 10G Dia. – Lengths 13 to 38mm | CA1778 | 62 | | |
| Torx® Security Self-Tapping Screws – Pan Head, 304/A2. 14 Sizes: 6G to 12G Dia. – Lengths 1/2" to 1-1/2" | CA1882 | 68 | | ● |
| SHIM STOCK | | | | |
| Shim Brass – 150mm x 150mm Sheets. 4 Sizes: .002" to .010" Thickness | CA32 | 23 | | |
| Shim Brass – 60mm Wide Rolls. 5 Sizes: .002" to .010" Thickness | CA31 | 23 | | |
| Shim Steel – 150mm x 150mm Sheets. 4 Sizes: .002" to .010" Thickness | CA34 | 23 | | |
| Shim Steel – 60mm Wide Rolls. 4 Sizes: .002" to .010" Thickness | CA33 | 23 | | |

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| PRODUCT | PART NO. | IMAGE PAGE NO. | MASTER KITS | STAINLESS STEEL |
|----------------------------------------------------------------------------------------------------------|-----------|-------------------|----------------|--------------------|
| SHIM STOCK <i>Continued</i> | | | | |
| Shim Steel Washers – 14 Sizes: 3/16" to 1" I.D. and .006" Thickness | CA1750 | 61 | | |
| Shim Steel Washers – 36 Sizes: 3/16" to 1-3/8" I.D. and .006" Thickness | CA2276 | 78 | ● | |
| Shim Steel Washers – 22 Sizes: 5/8" to 1-3/8" I.D. and .006" Thickness | CA276 | 50 | | |
| Stainless Steel Shim – 150mm x 150mm Sheets. 4 Sizes: .003" to .027" Thickness | CA36 | 23 | | ● |
| SPRINGS | | | | |
| Accelerator Springs – 9 Sizes: Lengths 4-1/2" to 7" and 3/16" to 7/16" Dia. | CA103 | 44 | | |
| Compression Springs – 12 Sizes: Lengths 1-1/4" to 4" and 3/16" to 3/4" Dia. | CA102 | 44 | | |
| Extension Springs – 12 Sizes: Lengths 1" to 4-3/4" and 3/16" to 1/2" Dia. | CA101 | 44 | | |
| STUDS & NUTS | | | | |
| Brass Manifold Nuts – UNC, UNF, BSF, Metric Fine and Coarse Pitch. 17 Sizes | CA95 | 43 | | |
| Manifold Studs and Nuts – Metric and UNC. Steel Studs and Nuts, Zinc Passivated. 5 Sizes | CA96 | 43 | | |
| Manifold Studs and Nuts – Metric and Imperial, Steel and Brass, Zinc Passivated. 19 Sizes | CA2096 | 76 | ● | |
| THREAD INSERT REPAIR KIT ASSORTMENTS | | | | |
| Imperial 3/16 UNC – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | CTRK3NC | 209 | | ● |
| Imperial 1/4 UNC – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | CTRK4NC | 209 | | ● |
| Imperial 5/16 UNC – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | CTRK5NC | 209 | | ● |
| Imperial 3/8 UNC – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | CTRK6NC | 209 | | ● |
| Imperial 3/16 UNF – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | CTRK3NF | 209 | | ● |
| Imperial 1/4 UNF – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | CTRK4NF | 209 | | ● |
| Imperial 5/16 UNF – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | CTRK5NF | 209 | | ● |
| Imperial 3/8 UNF – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | CTRK6NF | 209 | | ● |
| Metric 5mm x 0.8 – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | CTRK508 | 209 | | ● |
| Metric 6mm x 1.00 – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | CTRK6100 | 209 | | ● |
| Metric 8mm x 1.25 – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | CTRK8125 | 209 | | ● |
| Metric 10mm x 1.50 – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | CTRK10150 | 209 | | ● |
| Metric 10mm x 1.25 – incl. Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts | CTRK10125 | 209 | | ● |
| Metric Size: 5, 6, 8, 10 & 12mm – incl. 5 x Tap Sizes, Insert Tools, Tang Break-off Tools and Drill Bits | CTRKMET-5 | 209 | | ● |
| VACUUM HOSE CONNECTORS | | | | |
| Vacuum Hose and Tube Connectors – 49 Sizes, 136 Pieces | CA2075 | 76 | ● | |
| WASHERS | | | | |
| Aluminium Washers – Imperial & Metric. 15 Sizes: 1/4" to 1" I.D. & 5 to 20mm I.D. – Thickness: 1/16" | CA1770 | 61 | | |
| Bonded Seal Washers – Imperial. 8 Sizes: 1/8" to 1-1/4" I.D. BSP | CA173 | 48 | | |
| Bonded Seal Washers – Metric. 14 Sizes: Suits 8mm I.D. to 42mm I.D. | CA174 | 48 | | |
| Bonded Seal (Dowty) Washers – Metric & Imperial. 22 Sizes: 8mm to 42mm & 1/8" to 1-1/4" I.D. BSP | CA2173 | 77 | ● | |
| Copper Washers – Metric. 10 Sizes: 5mm to 24mm I.D. – Thickness: 1mm | CA1660 | 58 | | |
| Copper Washers – Imperial. 12 Sizes: 1/4" to 1" I.D. – Thickness: 20G | CA225 | 49 | | |
| Fuel Injection Copper Washers – Metric. 14 Sizes: 6mm to 26mm I.D. – Thickness: 1, 1.5 & 2mm | CA226 | 49 | | |
| Fuel Injection Copper Washers – Metric. 24 Sizes: 5mm to 26mm I.D. – Thickness: 1, 1.5 & 2mm | CA2260 | 78 | ● | |

| PRODUCT | PART NO. | IMAGE PAGE NO. | MASTER KITS | STAINLESS STEEL |
|---------------------------------------------------------------------------------------------------------|----------|-------------------|----------------|--------------------|
| WASHERS <i>Continued</i> | | | | |
| Drain (Sump) Plug Washers – Fibre, Aluminium & Copper Crush Metric. 12 Sizes: 12mm to 25mm I.D. | CA140 | 47 | | |
| Drain (Sump) Plug Washers – Fibre, Aluminium & Copper Crush Metric. 25 Sizes: 12mm to 25mm I.D. | CA2140 | 76 | ● | |
| Drain (Sump) Plug Washers – Aluminium Met & Imp. 8 Sizes: 12-24mm I.D. & 1/2" I.D. – Thickness: 2.5mm | CA1790 | 63 | | |
| Drain (Sump) Plug Washers – Fibre, Met & Imp. 10 Sizes: 1/2" to 1" & 18-30mm I.D. – Thickness: 3/32" | CA150 | 48 | | |
| Nylon Washers – Metric and Imperial. 11 Sizes: 12mm to 25mm & 1/2" to 13/16" I.D. | CA1740 | 60 | | |
| Polypropylene Washers – 10 Sizes: 18mm to 30mm & 1/2" to 1" I.D. – Thickness: 3mm | CA1460 | 58 | | |
| Fibre Washers – 14 Sizes: 1/8" to 1" I.D. – Thickness: 1/32" | CA825 | 55 | | |
| Fibre Washers – 36 Sizes: 5/32" to 1" & 14mm to 30mm I.D. – Thickness: 1/32", 1/16", 3/32" | CA2060 | 75 | ● | |
| Fibre Washers – 12 Sizes: 5/32" to 3/4" I.D. – Thickness: 1/16" | CA390 | 52 | | |
| Fibre Washers – 14 Sizes: 1/8" to 1" I.D. – Thickness: 1/32" | CA400 | 52 | | |
| Flat and Body Steel Washers – Imperial and Metric, Z/P. 20 Sizes: 1/8" to 1" & 6mm to 12mm I.D. | CA2240 | 78 | ● | |
| Flat and Spring Steel Washers – Imperial and Metric, Z/P. 25 Sizes: 5/32" to 3/4" & 6mm to 20mm I.D. | CA2050 | 75 | ● | |
| Flat Steel Heavy Duty Washers – Imperial, Zinc Plated. 8 Sizes: 3/16" to 3/4" I.D. – Thickness: 14G | CA600 | 55 | | |
| Flat Steel Washers – Imperial and Metric, Zinc Plated. 13 Sizes: 3/16" to 3/4" & 6mm to 20mm I.D. | CA576 | 55 | | |
| Flat Steel Washers – Imperial, High Tensile, Zinc Plated. 10 Sizes: 1/4" to 1" I.D. | CA1755 | 61 | | |
| Flat Steel Washers – Imperial and Metric, Zinc Plated. 10 Sizes: 3/16" to 3/4" & M10 I.D. | CA330 | 51 | | |
| Flat Washers, Extra Heavy Duty – Imperial, Z/P. 8 Sizes: 3/16" to 3/4" I.D. – Thickness: up to 9G | CA1670 | 58 | | |
| Panel (Body) Washers – Panel (Body) Steel and Stainless Steel, Zinc Plated. 8 Sizes: 3/16" to 1/2" I.D. | CA1730 | 60 | | |
| Polypropylene Washers – Imperial. 16 Sizes: 1/8" to 1" I.D. – Thickness: 1/32" | CA1680 | 59 | | |
| Shim Steel Washers – 14 Sizes: 3/16" to 1" I.D. – Thickness .006" | CA1750 | 61 | | |
| Shim Steel Washers – 36 Sizes: 3/16" to 1-3/8" I.D. – Thickness .006" | CA2276 | 78 | ● | |
| Shim Steel Washers – 22 Sizes: 5/8" to 1-3/8" I.D. – Thickness .006" | CA276 | 50 | | |
| Spacing Washers Steel – Imperial. 14 Sizes: 1/4" to 1-1/8" I.D. – Thickness: 22G (.028") | CA500 | 53 | | |
| Spring Washers – Imperial and Metric, Zinc Plated. 11 Sizes: 5/32" to 3/4" & M4 to M16 I.D. | CA520 | 54 | | |
| Spring Washers – Imperial and Metric, Zinc Plated. 12 Sizes: 5/32" to 5/8" & 4mm to 20mm I.D. | CA648 | 55 | | |
| Spring Washers – Square Section, Zinc Plated, Imperial. 8 Sizes: 3/16" to 3/4" I.D. | CA1008 | 56 | | |
| Stainless Steel Flat and Panel Washers – 304/A2. 16 Sizes: 1/8" to 3/4" I.D. | CA1830 | 67 | | ● |
| Stainless Steel Spring Washers – 304/A2, Imperial. 12 Sizes: 5/32" to 3/4" & 4mm to 16mm I.D. | CA1840 | 67 | | ● |
| Star Washers – Internal and External, Zinc Plated. 14 Sizes: 3/16" to 5/8" | CA510 | 54 | | |
| Star Washers – Internal and External, Zinc Plated. 14 Sizes: 4mm to 16mm | CA1780 | 62 | | |
| WIRING TERMINALS | | | | |
| Wiring Connector Block – M/F with Brass Terminals. 4 Sizes: 2, 4, 6 & 8 Pin | CA240 | 50 | | |
| Wiring Terminals – Crimp Type incl. Adjustable Ratchet Crimp Tool. Suits: 3, 4 & 5mm Wire. 20 Types | CA2700 | 79 | ● | |
| Wiring Terminals – Crimp Type. 28 Types incl. Push-On Bullet, Ring, Tab, Splice and Lanced | CA2040 | 75 | ● | |
| Wiring Terminals – Insulated Crimp Type. 14 Types incl. Spade, Ring, Tab and Splice | CA161 | 48 | | |
| WOODRUFF KEYS | | | | |
| Woodruff Keys – Imperial. 17 Sizes: No.2 to No.'E' (3/32" to 3/8") | CA177 | 48 | | |
| Woodruff Keys – Imperial and Metric. 34 Sizes: 3/32" to 3/8" & 2mm to 10mm Dia. | CA2177 | 77 | ● | |
| Woodruff Keys – Metric. 17 Sizes: 2mm x 10mm to 10mm x 32mm | CA1705 | 59 | | |



NUMERICAL LISTING – POLY BOX ASSORTMENTS



*Replacement Packs are available
to replenish most Champion Assortments*

For Master Kits see page 72

ASSORTMENTS

ASSORTMENTS – CHAMPION RED CASES

| PART NO. | IMAGE PAGE NO. | ASSORTMENTS |
|----------|----------------|-------------------------------------------------------------------------------------------------------------------------|
| CA21 | 42 | Machine Screws and Nuts – Metric, Pan Head Phillips, Z/P. 12 Sizes: 3mm to 6mm x 10mm to 25mm Long |
| CA22 | 42 | Pipe Support Anchors – Metal with Rubber Protector. 28 Pieces |
| CA38 | 42 | Expansion Plugs – Cup Type Steel, Imperial, Zinc Plated. 13 Sizes: 19/32" to 2-1/16" |
| CA42 | 42 | Expansion Plugs – Cup Type Brass, Imperial. 10 Sizes: 3/4" to 2-1/16" |
| CA43 | 42 | Expansion Plugs – Cup Type Brass, Metric. 12 Sizes: 20mm to 50mm |
| CA52 | 42 | Clevis Pins – Imperial, Zinc Plated. 9 Sizes: 1/4" to 7/16" Dia. |
| CA58 | 43 | Drain (Sump) Plugs Steel – Metric and Imperial, Zinc Plated. 9 Sizes |
| CA63 | 43 | Wiring Grommets – Rubber. 12 Sizes: 1/8" to 29/32" (Wire Hole Size) |
| CA70 | 43 | Brass Fittings – Adaptors, Tails, Elbows, Nuts and Connectors. 20 Types |
| CA90 | 43 | Blanking Grommets – Rubber. 8 Sizes: 5/16" to 1-1/8" (Panel Hole Size) |
| CA95 | 43 | Brass Manifold Nuts – UNC, UNF, BSF, Metric Fine and Coarse Pitch. 17 Sizes |
| CA96 | 43 | Manifold Studs and Nuts – Metric and UNC. Steel Studs and Nuts, Zinc Passivated. 5 Sizes |
| CA98 | 44 | Expansion Plugs Steel Disc/Lens Type – Zinc Plated. 16 Sizes: 3/4" to 2" |
| CA100 | 44 | Flange Nuts – Zinc Plated. 8 Sizes: 5mm to 12mm, incl. M10 to M12 x 1.25 Fine Pitch |
| CA101 | 44 | Extension Springs – 12 Sizes: Lengths 1" to 4-3/4" and 3/16" to 1/2" Dia. |
| CA102 | 44 | Compression Springs – 12 Sizes: Lengths 1-1/4" to 4" and 3/16" to 3/4" Dia. |
| CA103 | 44 | Accelerator Springs – 9 Sizes: Lengths 4-1/2" to 7" and 3/16" to 7/16" Dia. |
| CA105 | 44 | Fuses – Glass, Blade and European. 14 Sizes: 3 Amp. to 35 Amp. |
| CA106 | 45 | Wheel Alignment Shims – Imperial. 12 Sizes for GM & Ford vehicles, 4 Types in 1/32", 1/16" & 1/8" Thickness. 131 Pieces |
| CA107 | 45 | Wheel Alignment Shims – Metric. 11 Sizes. Thickness: 1, 1.5, 2 & 3mm. 100 Pieces |
| CA108 | 45 | Grease Nipples – Straight and Angle Nipples. UNF, BSF, BSP and NPT Threads. 15 Sizes |
| CA109 | 45 | Grease Nipples – Straight and Angle Nipples. Metric, Fine and Coarse. 12 Sizes: 6mm to 10mm Dia. |
| CA110 | 45 | Fuses – AF Blade. 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. |
| CA111 | 45 | Fuses – Low Profile Blade. 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. |
| CA112 | 46 | Fuses – Mini Blade. 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. |
| CA113 | 46 | Fuses – AF Circuit Breaker. 7 Sizes: 5, 7.5, 10, 15, 20, 25, 30 Amp. |

| PART NO. | IMAGE PAGE NO. | ASSORTMENTS |
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| CA115 | 46 | Imperial 'O' Rings – Nitrile, 70 Shore. 14 Sizes: 3/16" to 1" I.D. |
| CA116 | 46 | Metric 'O' Rings – Nitrile, 70 Shore. 15 Sizes: 5mm to 25mm I.D. |
| CA118 | 46 | High Temp and High Pressure 'O' Rings – Viton, Imperial, 75 Shore. 12 Sizes: 7/32" to 1" |
| CA120 | 46 | UNF Set Screws with Nuts – High Tensile, GR5, Zinc Plated. 11 Sizes: 1/4" to 3/8" Dia. |
| CA124 | 47 | Nylon Cable 'P' Clamps and Cable Tie Mounts – 124 Pieces |
| CA125 | 47 | UNC Set Screws and Nuts – High Tensile, GR5, Zinc Plated. 11 Sizes: 1/4" to 3/8" Dia. |
| CA126 | 47 | Self-Locking Nuts, Nylon Insert – UNC and UNF, Zinc Plated. 12 Sizes: 3/16" to 1/2" |
| CA132 | 47 | Brass Fittings – Olives, Unions, Flare Nuts and Reducing Bushes. 33 Types |
| CA134 | 47 | Brass Fittings – Single and Double Unions, Nuts and Elbows. 22 Types |
| CA140 | 47 | Drain (Sump) Plug Washers – Fibre, Aluminium and Copper Crush Metric. 12 Sizes: 12mm to 25mm I.D. |
| CA150 | 48 | Drain (Sump) Plug Washers – Fibre, Metric & Imperial. 10 Sizes: 1/2" to 1" & 18mm to 30mm I.D. – Thickness: 3/32" |
| CA155 | 48 | Circlips – Imperial, Internal and External. 14 Sizes: 1/4" to 1" |
| CA161 | 48 | Wiring Terminals – Insulated Crimp Type. 14 Types incl. Spade, Ring, Tab and Splice |
| CA173 | 48 | Bonded Seal Washers – Imperial. 8 Sizes: 1/8" to 1-1/4" I.D. BSP |
| CA174 | 48 | Bonded Seal Washers – Metric. 14 Sizes: Suits 8mm I.D. to 42mm I.D. |
| CA177 | 48 | Woodruff Keys – Imperial. 17 Sizes: No.2 to No.'E' (3/32" to 3/8") |
| CA178 | 49 | Brass Fittings – Single and Double Unions, Dole Nuts, M/F Elbows, Nipples and Plugs |
| CA196 | 49 | Set Screws and Nuts – Metric, High Tensile, GR8.8, Zinc Plated. 13 Sizes: M4 to M10 Dia. |
| CA200 | 49 | Flange Head Hex Set Screws and Nuts – Metric J.I.S, High Tensile, GR8.8, Zinc Plated. 14 Sizes: 5 to 10mm |
| CA212 | 49 | High Pressure Series 'O' Rings – Nitrile, Imperial, 90 Shore. 20 Sizes: 3/16" to 2" with Removing Tool |
| CA225 | 49 | Copper Washers – Imperial. 12 Sizes: 1/4" to 1" I.D. – Thickness: 20G |
| CA226 | 49 | Fuel Injection Copper Washers – Metric. 14 Sizes: 6mm to 26mm I.D. – Thickness: 1, 1.5 & 2mm |
| CA228 | 50 | Machine Screws and Nuts – Fine Thread Round Head Slotted, Nickel Plated. 11 Sizes: 6/40" to 10/32" |
| CA240 | 50 | Wiring Connector Block – M/F with Brass Terminals. 4 Sizes: 2, 4, 6 & 8 Pin |
| CA252 | 50 | Machine Screws and Nuts – Mushroom Head Slotted, UNC, Zinc Plated. 8 Sizes: 3/16" to 1/4" |
| CA270 | 50 | Self-Locking Nuts, Nylon Insert – Metric, Zinc Plated. 10 Sizes: M5 x 0.8 to M12 x 1.75 |
| CA276 | 50 | Shim Steel Washers – 22 Sizes: 5/8" to 1-3/8" I.D. – Thickness .006" |
| CA280 | 50 | Split Pins – Metric, Zinc Plated. 11 Sizes: 5mm to 13mm Dia. Lengths to 150mm (Large Sizes) |
| CA290 | 51 | Machine Screws and Nuts – Round Head Slotted, BSW, Zinc Plated. 8 Sizes: 1/8" x 3/4" to 1/4" x 2" |
| CA300 | 51 | Hex Nuts – Metric, Zinc Plated. 12 Sizes: Plain Nuts M3 to M10, Self-Locking Nuts M4 to M10 |
| CA302 | 51 | Motorcycle Fasteners – Metric Socket Head Cap, Machine and Hex Screws, Nuts and Star Washers, Z/P. 28 Sizes |

| PART NO. | IMAGE PAGE NO. | ASSORTMENTS |
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| CA330 | 51 | Flat Steel Washers – Imperial and Metric, Zinc Plated. 10 Sizes: 3/16" to 3/4" & M10 I.D. |
| CA350 | 51 | Self-Tapping Screws – Hex Head, Zinc Plated. 14 Sizes: 6G to 14G – Lengths to 1" |
| CA360 | 51 | Self-Locking Nuts, Nylon Insert – Metric, UNC, UNF and Zinc Plated. 10 Sizes: M6 to M10 & 1/4" to 3/8" |
| CA380 | 52 | Speed Nuts – 'U' and Flat Types, Zinc Passivated. 12 Sizes: 3/32" to 3/16" Dia. |
| CA390 | 52 | Fibre Washers – 12 Sizes: 5/32" to 3/4" I.D. – Thickness: 1/16" |
| CA400 | 52 | Fibre Washers – 14 Sizes: 1/8" to 1" I.D. – Thickness: 1/32" |
| CA407 | 52 | Imperial 'O' Rings – Nitrile, 70 Shore. 32 Sizes: 1/8" to 2" I.D. |
| CA408 | 52 | Metric 'O' Rings – Nitrile, 70 Shore. 32 Sizes: 3mm to 50mm I.D. |
| CA409 | 52 | 'O' Ring Splicing Kit – Nitrile, Imperial, 70 Shore. 5 Sizes: 'O' Ring Cord .070" to .275" (36" each) |
| CA410 | 52 | 'O' Ring Splicing Kit – Nitrile, Metric, 70 Shore. 9 Sizes: 'O' Ring Cord 1.5mm to 8.5mm (900mm each) |
| CA411 | 53 | Air Conditioning 'O' Rings – Suits R134A Gas. HMBR (Green), Imperial, 70 Shore. 10 Sizes: 3/16" to 3/4" |
| CA420 | 53 | Self-Tapping Screws – Raised and Pan Head Slotted, Zinc Plated. 12 Sizes: 6G to 12G – Lengths to 1" |
| CA430 | 53 | Self-Tapping Screws – Raised, Hex and Pan Head, Zinc Plated. 14 Sizes: 4G to 14G – Lengths to 1-1/2" |
| CA500 | 53 | Spacing Washers Steel – Imperial. 14 Sizes: 1/4" to 1-1/8" I.D. – Thickness: 22G (.028") |
| CA502 | 53 | Rivets Blind Aluminium – 10 Sizes: 3/32" to 3/16" Dia. |
| CA505 | 53 | Rivet Nut Inserts – 5 Sizes: 4mm to 10mm Dia. |
| CA510 | 54 | Star Washers – Internal and External, Zinc Plated. 14 Sizes: 3/16" to 5/8" |
| CA520 | 54 | Spring Washers – Imperial and Metric, Zinc Plated. 11 Sizes: 5/32" to 3/4" & M4 to M16 I.D. |
| CA530 | 54 | Self Drilling Screws – Wafer and Hex Head, Yellow Zinc. 8 Sizes: 8G & 10G – Lengths to 30mm |
| CA540 | 54 | Self-Tapping Screws – Pan and Raised Head, Phillips, Nickel Plated. 13 Sizes: 4G to 10G – Lengths to 1-1/2" |
| CA550 | 54 | Self-Tapping Screws – Pan and Raised Head, Slotted, Zinc Plated. 13 Sizes: 6G to 12G – Lengths to 1" |
| CA560 | 54 | Self-Tapping Screws – Pan Head, Slotted, Zinc Plated. 8 Sizes: 6G to 10G – Lengths to 1-1/2" |
| CA570 | 55 | Anti-Theft One Way Screws – Self-Tapping and 6mm Thread, incl. Washers and Nuts, Zinc Plated |
| CA576 | 55 | Flat Steel Washers – Imperial and Metric, Zinc Plated. 13 Sizes: 3/16" to 3/4" & 6mm to 20mm I.D. |
| CA600 | 55 | Flat Steel Heavy Duty Washers – Imperial, Zinc Plated. 8 Sizes: 3/16" to 3/4" I.D. – Thickness: 14G |
| CA648 | 55 | Spring Washers – Imperial and Metric, Zinc Plated. 12 Sizes: 5/32" to 5/8" & 4mm to 20mm I.D. |
| CA800 | 55 | Split Pins – Imperial, Zinc Plated. 10 Sizes: 1.6mm to 4mm Dia. incl. 7/64" & 9/64" Dia. |
| CA825 | 55 | Fibre Washers – 14 Sizes: 1/8" to 1" I.D. – Thickness: 1/32" |
| CA1008 | 56 | Spring Washers – Square Section, Zinc Plated, Imperial. 8 Sizes: 3/16" to 3/4" I.D. |
| CA1152 | 56 | Split Pins – Zinc Plated. 8 Sizes: 1.6mm to 3.2mm Dia. incl. 7/64" Dia. |
| CA1200 | 56 | Self-Tapping Screws – Pan and Raised Head, Phillips, Black Zinc. 14 Sizes: 6G to 12G – Lengths to 1-1/2" |
| CA1320 | 56 | Linkages (Ball Joints) – 90° and Inline, Zinc Plated. 10 Sizes: 3/16" to 5/16" |
| CA1411 | 56 | Expansion Plugs – Cup Type Steel, Zinc Plated, Metric. 12 Sizes: 18mm to 46.5mm |
| CA1412 | 56 | Brass Olives – Suits Copper and Nylon Tube. Sizes: Copper 1/8" to 1/2" and Nylon 3/16" to 3/8", 330 Pieces |
| CA1416 | 57 | Socket Set (Grub) Screws – Metric GR8.8 and Imperial. 14 Sizes: 5mm to 8mm & 3/16" to 3/8" BSW |
| CA1417 | 57 | Socket Head Cap Screws – Metric, High Tensile, GR8.8, 14 Sizes: M5 to M10 Dia. |
| CA1418 | 57 | Socket Head Cap Screws – BSW, High Tensile, 14 Sizes: 3/16" to 5/16" Dia. – Lengths to 1-1/2" |
| CA1419 | 57 | Socket Head Cap Screws Countersunk – Metric, GR8.8, Sizes: 4mm to 8mm Dia. – Lengths to 30mm |

| PART NO. | IMAGE PAGE NO. | ASSORTMENTS |
|----------|----------------|-------------------------------------------------------------------------------------------------------------------|
| CA1420 | 57 | Button Head Cap Screws – Metric, High Tensile. 14 sizes: 4mm to 8mm Dia. – Lengths to 30mm |
| CA1421 | 57 | Roll Pins – Imperial. 18 Sizes: 1/16" to 1/4" Dia. (Small Sizes) |
| CA1424 | 58 | 'E' Clips and Retainer Springs – 14 Sizes: 3/32" to 5/8" |
| CA1435 | 58 | Roll Pins – Imperial. 12 Sizes: 3/16" to 3/8" Dia. (Large Sizes) |
| CA1460 | 58 | Polypropylene Washers – 10 Sizes: 18mm to 30mm & 1/2" to 1" I.D. – Thickness: 3mm |
| CA1480 | 58 | Hex Set Screws and Nuts – Metric GR8.8, ISO and Fine Pitch, Zinc Plated. 9 Sizes: M6 to M12 Dia. |
| CA1660 | 58 | Copper Washers – Metric. 10 Sizes: 5mm to 24mm I.D. – Thickness: 1mm |
| CA1670 | 58 | Flat Washers, Extra Heavy Duty – Imperial, Zinc Plated. 8 Sizes: 3/16" to 3/4" I.D. – Thickness: up to 9G |
| CA1680 | 59 | Polypropylene Washers – Imperial. 16 Sizes: 1/8" to 1" I.D. – Thickness: 1/32" |
| CA1690 | 59 | Taper Pins – 14 Sizes: No.0 x 1" to No.5 x 2" (Small Sizes) |
| CA1700 | 59 | Taper Pins – 14 Sizes: No.4 x 2-1/2" to No.10 x 6" (Large Sizes) |
| CA1705 | 59 | Woodruff Keys – Metric. 17 Sizes: 2mm x 10mm to 10mm x 32mm |
| CA1710 | 59 | Self-Tapping Screws – Pan Head Phillips, Zinc Plated. 14 Sizes: 6G to 12G – Lengths to 2" |
| CA1715 | 59 | Roll Pins – Metric. 18 Sizes: 2mm to 6mm Dia. (Small Sizes) |
| CA1720 | 60 | Self-Tapping Screws – Mushroom Head, Black Zinc. 14 Sizes: 6G to 12G – Lengths to 2" |
| CA1725 | 60 | Roll Pins – Metric. 12 Sizes: 5mm to 10mm Dia. (Large Sizes) |
| CA1730 | 60 | Panel (Body) Washers – Panel (Body) Steel and Stainless Steel, Zinc Plated. 8 Sizes: 3/16" to 1/2" I.D. |
| CA1735 | 60 | Plastic Trim Clips and Screw Grommets – 14 Sizes, 180 Pieces |
| CA1740 | 60 | Nylon Washers – Metric and Imperial. 11 Sizes: 12mm to 25mm & 1/2" to 13/16" I.D. |
| CA1745 | 60 | 'R' Clips – Zinc Plated. 8 Sizes: 1/8" to 1" (Shaft Size) |
| CA1750 | 61 | Shim Steel Washers – 14 Sizes: 3/16" to 1" I.D. – Thickness .006" |
| CA1755 | 61 | Flat Steel Washers – Imperial, High Tensile, Zinc Plated. 10 Sizes: 1/4" to 1" I.D. |
| CA1760 | 61 | Circlips – Metric Internal and External. 14 Sizes: 6mm to 25mm |
| CA1765 | 61 | Lock Rings – External SPN Type. 10 Sizes: 1.5mm to 12mm |
| CA1770 | 61 | Aluminium Washers – Imperial and Metric. 15 Sizes: 1/4" to 1" I.D. & 5mm to 20mm I.D. – Thickness: 1/16" |
| CA1772 | 61 | Torx® Security Machine Screws – Metric, Pan Head, Zinc Plated. 15 Sizes: M4 to M6 Dia. – Lengths 10 to 30mm |
| CA1774 | 62 | Torx® Security Machine Screws – Metric, Countersunk, Z/P. 13 Sizes: 4mm to 6mm – Lengths 10mm to 30mm |
| CA1776 | 62 | Torx® Security Self-Tapping Screws – Pan Head, Zinc Plated. 17 Sizes: 6G to 10G Dia. – Lengths 13mm to 38mm |
| CA1778 | 62 | Torx® Security Self-Tapping Screws – Countersunk, Zinc Plated. 17 Sizes: 6G to 10G Dia. – Lengths 13mm to 38mm |
| CA1780 | 62 | Star Washers – Internal and External, Zinc Plated. 14 Sizes: 4mm to 16mm |
| CA1782 | 62 | Torx® Security Self-Drilling Screws – Pan Head, Zinc Plated. 15 Sizes: 6G to 10G Dia. – Lengths 13mm to 38mm |
| CA1784 | 62 | Torx® Security Button Head Screws – Metric, Zinc Plated. 14 Sizes: M4 to M8 Dia. – Lengths 16mm to 30mm |
| CA1786 | 63 | Machine Screws – Metric, Countersunk, Zinc Plated. 13 Sizes: M3 to M6 Dia. – Lengths 16mm to 50mm |
| CA1790 | 63 | Drain (Sump) Plug Washers – Aluminium, Metric & Imperial. 8 Sizes: 12 to 24mm I.D. & 1/2" I.D. – Thickness: 2.5mm |
| CA1792 | 63 | Nylon Nuts – Metric, Wing, Dome and Hex Nuts. 9 Sizes: M5 to M8 Dia. & 5mm to 8mm |
| CA1794 | 63 | Wing Nuts – Metric and UNC, Zinc Plated. 9 Sizes: M4 to M10, UNC 3/16" to 3/8" |
| CA1796 | 63 | Coupling Nuts – Metric and UNC, Zinc Plated. 10 Sizes: M5 to M12 & 3/16" to 7/16" |
| CA1798 | 63 | Wing Screws – Metric, Zinc Plated. 8 Sizes: M4 to M6 Dia. – Lengths 16mm to 40mm |

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CA21 MACHINE SCREWS & NUTS

- Metric, Pan Head Phillips, Zinc Plated.
- 12 Sizes: 3mm to 6mm x 10mm to 25mm Long • 520 Pieces

Replacement Packs: Page 82 (C21-1 to C21-16)



CA22 PIPE SUPPORT ANCHORS

- Metal with Rubber Protector
- 28 Pieces

Replacement Packs: Page 82 (C22-1 to C22-6)



CA38 EXPANSION PLUGS

- Cup Type Steel, Imperial, Zinc Plated.
- 13 Sizes: 19/32" to 2-1/16" • 52 Pieces

Replacement Packs: Page 82 (C38-1 to C38-13)



CA42 EXPANSION PLUGS

- Cup Type Brass, Imperial.
- 10 Sizes: 3/4" to 2-1/16" • 35 Pieces

Replacement Packs: Page 82 (C42-1 to C42-10)



CA43 EXPANSION PLUGS

- Cup Type Brass, Metric.
- 12 Sizes: 20mm to 50mm • 42 Pieces

Replacement Packs: Page 82 (C43-1 to C43-12)



CA52 CLEVIS PINS

- Imperial, Zinc Plated.
- 9 Sizes: 1/4" to 7/16" Dia. • 52 Pieces

Replacement Packs: Page 82 (C52-1 to C52-9)



CA58 DRAIN (SUMP) PLUGS STEEL

- Metric and Imperial, Zinc Plated.
- 9 Sizes • 58 Pieces

Replacement Packs are not available. Refer to page 82 for refills.



CA63 WIRING GROMMETS

- Rubber
- 12 Sizes: 1/8" to 29/32" (Wire Hole Size) • 83 Pieces

Replacement Packs: Page 82 (C63-1 to C63-12)



CA70 BRASS FITTINGS

- Adaptors, Tails, Elbows, Nuts and Connectors.
- 20 Types • 59 Pieces

Replacement Packs are not available. Refer to page 83 for refills.



CA90 BLANKING GROMMETS

- Rubber
- 8 Sizes: 5/16" to 1-1/8" (Panel Hole Size) • 91 Pieces

Replacement Packs: Page 83 (C90-1 to C90-8)



CA95 BRASS MANIFOLD NUTS

- UNC, UNF, BSF, Metric Fine and Coarse Pitch.
- 17 Sizes • 83 Pieces

Replacement Packs: Page 83 (C95-1 to C95-17)



CA96 MANIFOLD STUDS & NUTS

- Metric and UNC. Steel Studs and Nuts, Zinc Passivated.
- 5 Sizes • 96 Pieces

Replacement Packs: Page 83 (C96-1 to C96-15)



CA98 EXPANSION PLUGS STEEL

- Disc/Lens Type, Zinc Plated.
- 16 Sizes: 3/4" to 2" • 100 Pieces

Replacement Packs: Page 83 (C98-1 to C98-16)



CA100 FLANGE NUTS

- Zinc Plated
- 8 Sizes: 5mm to 12mm, incl. M10 to M12 Fine Pitch • 140 Pieces

Replacement Packs: Page 83 (C100-1 to C100-7)



CA101 EXTENSION SPRINGS

- Plain Finish
- 12 Sizes: Lengths 1" to 4-3/4" and 3/16" to 1/2" Dia. • 48 Pieces

Replacement Packs: Page 83 (C101-25 to C101-36)



CA102 COMPRESSION SPRINGS

- Plain Finish
- 12 Sizes: Lengths 1-1/4" to 4" and 3/16" to 3/4" Dia. • 72 Pieces

Replacement Packs: Page 84 (C102-25 to C102-36)



CA103 ACCELERATOR SPRINGS

- Plain Finish
- 9 Sizes: Lengths 4-1/2" to 7" and 3/16" to 7/16" Dia. • 36 Pieces

Replacement Packs: Page 84 (C103-1 to C103-9)



CA105 FUSES

- Glass, Blade and European. • 100 Pieces
- 14 Sizes: Glass 3-35 Amp. Blade 10-20 Amp. European 8-25 Amp.

Replacement Packs: Page 84 (C105-1 to C105-16)



CA106 WHEEL ALIGNMENT SHIMS

- Imperial • Suitable for GM and Ford Vehicles
 - 12 Sizes: 4 Types in 1/32", 1/16" & 1/8" Thickness • 131 Pieces
- Replacement Packs: Page 84 (C106-1 to C106-12)



CA107 WHEEL ALIGNMENT SHIMS

- Metric
 - 11 Sizes: 1, 1.5, 2 & 3mm Thickness • 100 Pieces
- Replacement Packs: Page 84 (C107-1 to C107-11)



CA108 GREASE NIPPLES

- Straight and Angle Nipples. UNF, BSF, BSP and NPT Threads.
 - 15 Sizes • 113 Pieces
- Replacement Packs: Page 84 (C108-1 to C108-17)



CA109 GREASE NIPPLES

- Straight and Angle Nipples. Metric, Fine and Coarse.
 - 12 Sizes: 6mm to 10mm Dia. • 105 Pieces
- Replacement Packs: Page 84 (C109-1 to C109-14)



CA110 FUSES

- AF Blade
 - 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. • 110 Pieces
- Replacement Packs: Page 84 (C110-1 to C110-8)



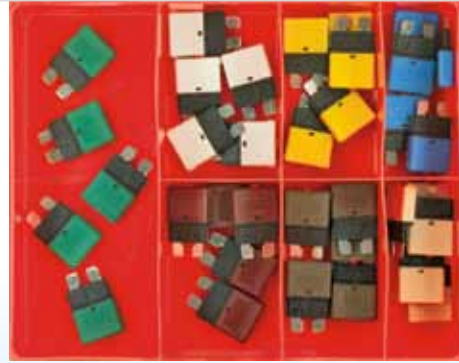
CA111 FUSES

- Low Profile Blade
 - 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. • 120 Pieces
- Replacement Packs: Page 85 (C111-1 to C111-8)



CA112 FUSES

- Mini Blade
 - 8 Sizes: 3, 5, 7.5, 10, 15, 20, 25 & 30 Amp. • 120 Pieces
- Replacement Packs: Page 85 (C112-1 to C112-8)



CA113 FUSES

- AF Circuit Breaker
 - 7 Sizes: 5, 7.5, 10, 15, 20, 25, 30 Amp. • 35 Pieces
- Replacement Packs: Page 85 (C113-1 to C113-7)



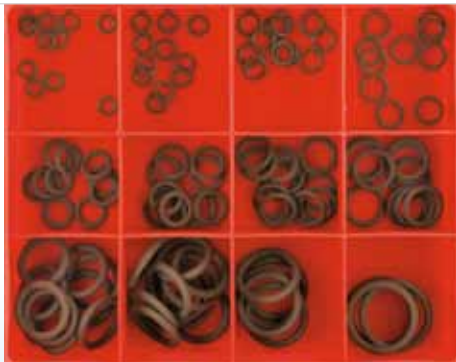
CA115 'O' RINGS

- Imperial, Nitrile, 70 Shore
 - 14 Sizes: 3/16" to 1" I.D. • 115 Pieces
- Replacement Packs: Page 85 (C115-1 to C115-14)



CA116 'O' RINGS

- Metric, Nitrile, 70 Shore
 - 15 Sizes: 5mm to 25mm I.D. • 130 Pieces
- Replacement Packs: Page 85 (C116-1 to C116-15)



CA118 'O' RINGS

- High Temp and High Pressure. Viton, Imperial, 75 Shore.
 - 12 Sizes: 7/32" to 1" • 110 Pieces
- Replacement Packs: Page 85 (C118-1 to C118-12)



CA120 UNF SET SCREWS & NUTS

- High Tensile, GR5, Zinc Plated.
 - 11 Sizes: 1/4" to 3/8" Dia. • 113 Pieces
- Replacement Packs: Page 85 (C120-1 to C120-14)



CA124 'P' CLAMPS & CABLE TIE MOUNTS

- Nylon Cable 'P' Clamps and Cable Tie Mounts
- 124 Pieces

Replacement Packs: Page 86 (C124-1 to C124-8)



CA125 UNC SET SCREWS & NUTS

- High Tensile, GR5, Zinc Plated
- 11 Sizes: 1/4" to 3/8" Dia. • 113 Pieces

Replacement Packs: Page 86 (C125-1 to C125-14)



CA126 SELF-LOCKING NUTS

- Nylon Insert – UNC and UNF, Zinc Plated.
- 12 Sizes: 3/16" to 1/2" • 131 Pieces

Replacement Packs: Page 86 (C126-1 to C126-12)



CA132 BRASS FITTINGS

- Olives, Unions, Flare Nuts and Reducing Bushes.
- 33 Types • 111 Pieces

Replacement Packs are not available. Refer to page 86 for refills.



CA134 BRASS FITTINGS

- Single and Double Unions, Nuts and Elbows.
- 22 Types • 110 Pieces

Replacement Packs are not available. Refer to page 86 for refills.



CA140 DRAIN (SUMP) PLUG WASHERS

- Fibre, Aluminium and Copper Crush Metric.
- 12 Sizes: 12mm to 25mm I.D. • 102 Pieces

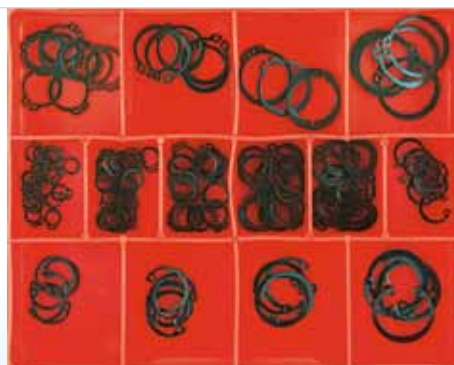
Replacement Packs: Page 86/87 (C140-1 to C140-12)



CA150 DRAIN (SUMP) PLUG WASHERS

- Fibre, Metric & Imperial. • 10 Sizes: 1/2" to 1" & 18 to 30mm I.D.
- Thickness: 3/32" • 143 Pieces

Replacement Packs: Page 87 (C150-1 to C150-11)



CA155 CIRCLIPS

- Imperial, Internal and External.
- 14 Sizes: 1/4" to 1" • 155 Pieces

Replacement Packs: Page 87 (C155-1 to C155-14)



CA161 WIRING TERMINALS

- Insulated Crimp Type
- 14 Types incl. Spade, Ring, Tab and Splice • 136 Pieces

Replacement Packs: Page 87 (C161-1 to C161-14)



CA173 BONDED SEAL WASHERS

- Imperial
- 8 Sizes: 1/8" to 1-1/4" I.D. BSP • 82 Pieces

Replacement Packs are not available. Refer to page 132 for refills.



CA174 BONDED SEAL WASHERS

- Metric
- 14 Sizes: Suits 8mm I.D. to 42mm I.D. • 91 Pieces

Replacement Packs are not available. Refer to page 132 for refills.



CA177 WOODRUFF KEYS

- Imperial
- 17 Sizes: No.2 to No.'E' (3/32" to 3/8") • 177 Pieces

Replacement Packs: Page 87 (C177-1 to C177-17)



CA178 BRASS FITTINGS

- Single & Double Unions, Dole Nuts, M/F Elbows, Nipples & Plugs
- 32 Types • 155 Pieces

Replacement Packs are not available. Refer to page 87 for refills.



CA196 SET SCREWS & NUTS

- Metric, High Tensile, GR8.8, Zinc Plated.
- 13 Sizes: M4 to M10 Dia. • 221 Pieces

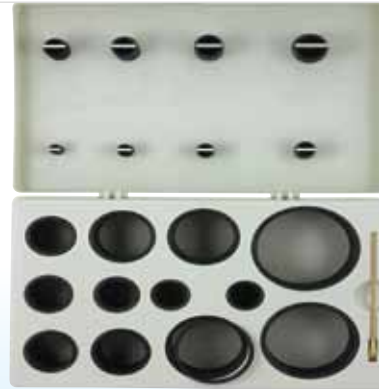
Replacement Packs: Page 88 (C196-1 to C196-17)



CA200 FLANGE HD HEX SET SCREWS & NUTS

- Metric J.I.S, High Tensile, GR8.8, Zinc Plated.
- 14 Sizes: 5mm to 10mm • 202 Pieces

Replacement Packs are not available. Refer to page 145 for refills.



CA212 'O' RINGS

- High Pressure Series. Nitrile, Imperial, 90 Shore.
- 20 Sizes: 3/16" to 2" with Removing Tool • 212 Pieces

Replacement Packs: Page 88 (C212-1 to C212-32)



CA225 COPPER WASHERS

- Imperial
- 12 Sizes: 1/4" to 1" I.D. • Thickness: 20G • 260 Pieces

Replacement Packs: Page 88 (C225-1 to C225-12)



CA226 FUEL INJECTION COPPER WASHERS

- Metric • 14 Sizes: 6mm to 26mm I.D.
- Thickness: 1, 1.5 & 2mm • 305 Pieces

Replacement Packs: Page 88 (C226-1 to C226-14)



CA228 MACHINE SCREWS & NUTS

- Fine Thread Round Head Slotted, Nickel Plated.
- 11 Sizes: 6/40" to 10/32" • 300 Pieces

Replacement Packs: Page 89 (C228-1 to C228-14)



CA240 WIRING CONNECTOR BLOCK

- M/F with Brass Terminals
- 4 Sizes: 2, 4, 6 & 8 Pin • 240 Pieces

Replacement Packs: Page 89 (C240-1 to C240-10)



CA252 MACHINE SCREWS & NUTS

- Mushroom Head Slotted, UNC, Zinc Plated.
- 8 Sizes: 3/16" to 1/4" • 300 Pieces

Replacement Packs: Page 89 (C252-1 to C252-10)



CA270 SELF-LOCKING NUTS

- Nylon Insert, Metric, Zinc Plated.
- 10 Sizes: M5 x 0.8 to M12 x 1.75 • 270 Pieces

Replacement Packs: Page 89 (C270-1 to C270-10)



CA276 SHIM STEEL WASHERS

- .006" Thickness
- 22 Sizes: 5/8" to 1-3/8" I.D. • 276 Pieces

Replacement Packs: Page 89 (C276-1 to C276-38)



CA280 SPLIT PINS

- Metric, Zinc Plated. • 11 Sizes: 5mm to 13mm Dia.
- Lengths to 150mm (Large Sizes) • 93 Pieces

Replacement Packs are not available. Refer to page 131 for refills.



CA290 MACHINE SCREWS & NUTS

- Round Head Slotted, BSW, Zinc Plated.
- 8 Sizes: 1/8" x 3/4" to 1/4" x 2" • 360 Pieces

Replacement Packs: Page 89 (C290-1 to C290-11)



CA300 HEX NUTS

- Metric Plain and Self-Locking, Zinc Plated.
- 12 Sizes: Plain M3 to M10, Self-Locking M4 to M10 • 320 Pieces

Replacement Packs: Page 90 (C300-1 to C300-12)



CA302 MOTORCYCLE FASTENERS

- Metric Socket Head Cap, Machine and Hex Screws, and Star Washers. Zinc Plated • 28 Sizes • 191 Pieces

Replacement Packs are not available



CA330 FLAT STEEL WASHERS

- Imperial and Metric, Zinc Plated.
- 10 Sizes: 3/16" to 3/4" & M10 I.D. • 330 Pieces

Replacement Packs: Page 90 (C330-1 to C330-10)



CA350 SELF-TAPPING SCREWS

- Hex Head, Zinc Plated.
- 14 Sizes: 6G to 14G • Lengths to 1" • 350 Pieces

Replacement Packs: Page 90 (C350-1 to C350-14)



CA360 SELF-LOCKING NUTS

- Nylon Insert, Metric, UNC, UNF and Zinc Plated.
- 10 Sizes: M6 to M10 & 1/4" to 3/8" • 166 Pieces

Replacement Packs: Page 90 (C360-1 to C360-10)



CA380 SPEED NUTS

- 'U' and Flat Types • Zinc Passivated
- 12 Sizes: 3/32" to 3/16" Dia. • 390 Pieces

Replacement Packs: Page 91 (C380-1 to C380-12)



CA390 FIBRE WASHERS

- 12 Sizes: 5/32" to 3/4" I.D.
- Thickness: 1/16" • 405 Pieces

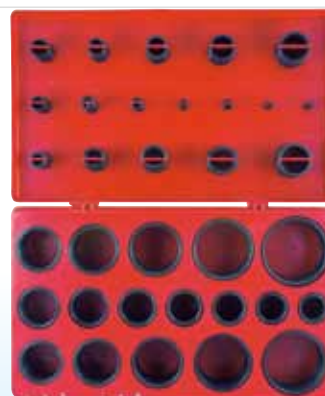
Replacement Packs: Page 91 (C390-1 to C390-12)



CA400 FIBRE WASHERS

- 14 Sizes: 1/8" to 1" I.D.
- Thickness: 1/32" • 430 Pieces

Replacement Packs: Page 91 (C400-1 to C400-14)



CA407 IMPERIAL 'O' RINGS

- Nitrile, 70 Shore.
- 32 Sizes: 1/8" to 2" I.D. • 407 Pieces

Replacement Packs: Page 91 (C407-1 to C407-32)



CA408 METRIC 'O' RINGS

- Nitrile, 70 Shore
- 32 Sizes: 3mm to 50mm I.D. • 408 Pieces

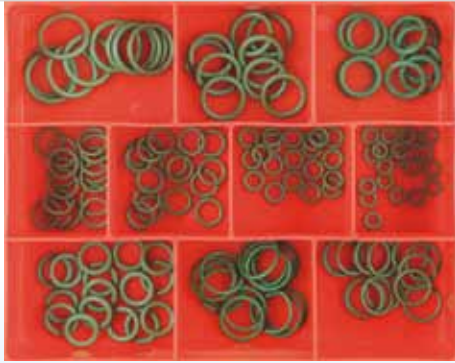
Replacement Packs: Page 92 (C408-1 to C408-32)



CA409 'O' RING SPLICING KIT, IMPERIAL

CA410 'O' RING SPLICING KIT, METRIC

- Nitrile, 70 Shore.
 - 5 Imperial Sizes: 'O' Ring Cord .070" to .275" (36" each)
 - 9 Metric Sizes: 'O' Ring Cord 1.5mm to 8.5mm (900mm each)
- Replacement Packs are not available



CA411 AIR CONDITIONING 'O' RINGS

- Suits R134A Gas. HMBR (Green), Imperial, 70 Shore.
- 10 Sizes: 3/16" to 3/4" • 145 Pieces

Replacement Packs: Page 92 (C411-1 to C411-10)



CA420 SELF-TAPPING SCREWS

- Raised and Pan Head Slotted, Zinc Plated.
- 12 Sizes: 6G to 12G • Lengths to 1" • 420 Pieces

Replacement Packs: Page 92 (C420-1 to C420-12)



CA430 SELF-TAPPING SCREWS

- Raised, Hex and Pan Head, Zinc Plated.
- 14 Sizes: 4G to 14G • Lengths to 1-1/2" • 430 Pieces

Replacement Packs: Page 92 (C430-1 to C430-14)



CA500 SPACING WASHERS STEEL

- Imperial
- 14 Sizes: 1/4" to 1-1/8" I.D. • Thickness: 22G (.028") • 545 Pieces

Replacement Packs: Page 93 (C500-1 to C500-14)



CA502 RIVETS

- Blind Aluminium
- 10 Sizes: 3/32" to 3/16" Dia. • 505 Pieces

Replacement Packs: Page 93 (C502-1 to C502-10)



CA505 RIVET NUT INSERTS

- 5 Sizes: 4mm to 10mm Dia. • 80 Pieces

Replacement Packs: Page 94 (C505-1 to C505-5)



CA510 STAR WASHERS

- Internal and External, Zinc Plated.
- 14 Sizes: 3/16" to 5/8" • 500 Pieces

Replacement Packs: Page 94 (C510-1 to C510-14)



CA520 SPRING WASHERS

- Imperial and Metric, Zinc Plated.
- 11 Sizes: 5/32" to 3/4" & M4 to M16 I.D. • 535 Pieces

Replacement Packs: Page 94 (C520-1 to C520-10)



CA530 SELF-DRILLING SCREWS

- Wafer and Hex Head, Yellow Zinc.
- 8 Sizes: 8G & 10G • Lengths to 30mm • 400 Pieces

Replacement Packs: Page 94 (C530-1 to C530-8)



CA540 SELF-TAPPING SCREWS

- Pan and Raised Head, Phillips, Nickel Plated.
- 13 Sizes: 4G to 10G • Lengths to 1-1/2" • 540 Pieces

Replacement Packs: Page 94 (C540-1 to C540-13)



CA550 SELF-TAPPING SCREWS

- Pan and Raised Head, Slotted, Zinc Plated.
- 13 Sizes: 6G to 12G • Lengths to 1" • 610 Pieces

Replacement Packs: Page 94 (C550-1 to C550-16)



CA560 SELF-TAPPING SCREWS

- Pan Head, Slotted, Zinc Plated.
- 8 Sizes: 6G to 10G • Lengths to 1-1/2" • 400 Pieces

Replacement Packs: Page 94 (C560-1 to C560-8)



CA570 ANTI-THEFT ONE WAY SCREWS

- Self-Tapping & 6mm Thread, incl. Washers & Nuts, Zinc Plated.
- 570 Pieces

Refer to page 94 for refills



CA576 FLAT STEEL WASHERS

- Imperial and Metric, Zinc Plated.
- 13 Sizes: 3/16" to 3/4" & 6mm to 20mm I.D. • 695 Pieces

Replacement Packs: Page 95 (C576-1 to C576-12)



CA600 FLAT STEEL HEAVY DUTY WASHERS

- Imperial, Zinc Plated.
- 8 Sizes: 3/16" to 3/4" I.D. • Thickness: 14G • 605 Pieces

Replacement Packs: Page 95 (C600-1 to C600-8)



CA648 SPRING WASHERS

- Imperial and Metric, Zinc Plated.
- 12 Sizes: 5/32" to 5/8" & 4mm to 20mm I.D. • 933 Pieces

Replacement Packs: Page 95 (C648-1 to C648-12)



CA800 SPLIT PINS

- Imperial, Zinc Plated.
- 10 Sizes: 1.6mm to 4mm Dia. incl. 7/64" & 9/64" Dia. • 795 Pieces

Replacement Packs: Page 95 (C800-1 to C800-10)



CA825 FIBRE WASHERS

- 14 Sizes: 1/8" to 1" I.D.
- Thickness: 1/32" • 825 Pieces

Replacement Packs: Page 95 (C825-1 to C825-14)



CA1008 SPRING WASHERS

- Square Section, Zinc Plated, Imperial.
- 8 Sizes: 3/16" to 3/4" I.D. • 895 Pieces

Replacement Packs: Page 95 (C1008-1 to C1008-8)



CA1152 SPLIT PINS

- Zinc Plated
- 8 Sizes: 1.6mm to 3.2mm Dia. incl. 7/64" Dia. • 800 Pieces

Replacement Packs: Page 95 (C1152-1 to C1152-8)



CA1200 SELF-TAPPING SCREWS

- Pan and Raised Head, Phillips, Black Zinc.
- 14 Sizes: 6G to 12G • Lengths to 1-1/2" • 415 Pieces

Replacement Packs: Page 95 (C1200-1 to C1200-14)



CA1320 LINKAGES (BALL JOINTS)

- 90° and Inline, Zinc Plated.
- 10 Sizes: 3/16" to 5/16" • 20 Pieces

Refer to page 217 for refills



CA1411 EXPANSION PLUGS

- Cup Type Steel, Zinc Plated, Metric.
- 12 Sizes: 18mm to 46.5mm • 48 Pieces

Replacement Packs: Page 96 (C1411-1 to C1411-12)



CA1412 BRASS OLIVES

- Suits Copper and Nylon Tube
- Sizes: Copper 1/8" to 1/2" and Nylon 3/16" to 3/8" • 330 Pieces

Replacement Packs: Page 96 (C1412-1 to C1412-12)



CA1416 SOCKET SET (GRUB) SCREWS

- Metric GR8.8 and Imperial.
- 14 Sizes: 5mm to 8mm & 3/16" to 3/8" BSW • 164 Pieces

Replacement Packs: Page 96 (C1416-1 to C1416-14)



CA1417 SOCKET HEAD CAP SCREWS

- Metric, High Tensile, GR8.8
- 14 Sizes: M5 to M10 Dia. • 90 Pieces

Replacement Packs: Page 96 (C1417-1 to C1417-14)



CA1418 SOCKET HEAD CAP SCREWS

- BSW, High Tensile.
- 14 Sizes: 3/16" to 5/16" Dia. • Lengths to 1-1/2" • 92 Pieces

Replacement Packs: Page 96 (C1418-1 to C1418-14)



CA1419 SOCKET HEAD CAP SCREWS

- Countersunk, Metric, GR8.8
- Sizes: 4mm to 8mm Dia. • Lengths to 30mm • 124 Pieces

Replacement Packs: Page 96 (C1419-1 to C1419-14)



CA1420 BUTTON HEAD CAP SCREWS

- Metric
- 14 sizes: 4mm to 8mm Dia. • Lengths to 30mm • 124 Pieces

Replacement Packs: Page 97 (C1420-1 to C1420-14)



CA1421 ROLL PINS

- Imperial
- 18 Sizes: 1/16" to 1/4" Dia. (Small Sizes) • 380 Pieces

Replacement Packs: Page 97 (C1421-1 to C1421-18)



CA1424 'E' CLIPS & RETAINER SPRINGS

- 14 Sizes: 3/32" to 5/8" • 740 Pieces

Replacement Packs: Page 97 (C1424-1 to C1424-14)



CA1435 ROLL PINS

- Imperial
- 12 Sizes: 3/16" to 3/8" Dia. (Large Sizes) • 89 Pieces

Replacement Packs: Page 97 (C1435-1 to C1435-12)



CA1460 POLYPROPYLENE WASHERS

- 10 Sizes: 18mm to 30mm & 1/2" to 1" I.D. • Thickness: 3mm
- 123 Pieces

Replacement Packs: Page 97 (C1460-1 to C1460-11)



CA1480 HEX SET SCREWS & NUTS

- Metric GR8.8, ISO and Fine Pitch, Zinc Plated.
- 9 Sizes: M6 to M12 Dia. • 139 Pieces

Refer to page 93 for refills. Replacement Packs C431 and C480



CA1660 COPPER WASHERS

- Metric
- 10 Sizes: 5mm to 24mm I.D. • Thickness: 1mm • 260 Pieces

Replacement Packs: Page 98 (C1660-1 to C1660-10)



CA1670 FLAT WASHERS

- Extra Heavy Duty, Imperial, Zinc Plated.
- 8 Sizes: 3/16" to 3/4" I.D. • Thickness: up to 9G • 325 Pieces

Replacement Packs: Page 98 (C1670-1 to C1670-8)



CA1680 POLYPROPYLENE WASHERS

- Imperial
 - 16 Sizes: 1/8" to 1" I.D. • Thickness: 1/32" • 490 Pieces
- Replacement Packs: Page 98 (C1680-1 to C1680-16)



CA1690 TAPER PINS

- 14 Sizes: No.0 x 1" to No.5 x 2" (Small Sizes)
 - 140 Pieces
- Replacement Packs: Page 98 (C1690-1 to C1690-14)



CA1700 TAPER PINS

- 14 Sizes: No.4 x 2-1/2" to No.10 x 6" (Large Sizes)
 - 33 Pieces
- Refer to page 132 for refills



CA1705 WOODRUFF KEYS

- Metric
 - 17 Sizes: 2mm x 10mm to 10mm x 32mm • 164 Pieces
- Replacement Packs: Page 98 (C1705-1 to C1705-17)



CA1710 SELF-TAPPING SCREWS

- Pan Head Phillips, Zinc Plated
 - 14 Sizes: 6G to 12G • Lengths to 2" • 415 Pieces
- Replacement Packs: Page 99 (C1710-1 to C1710-14)



CA1715 ROLL PINS

- Metric
 - 18 Sizes: 2mm to 6mm Dia. (Small Sizes) • 360 Pieces
- Replacement Packs: Page 99 (C1715-1 to C1715-18)



CA1720 SELF-TAPPING SCREWS

- Mushroom Head, Black Zinc.
 - 14 Sizes: 6G to 12G • Lengths to 2" • 415 Pieces
- Replacement Packs: Page 99 (C1720-1 to C1720-14)



CA1725 ROLL PINS

- Metric
 - 12 Sizes: 5mm to 10mm Dia. (Large Sizes) • 82 Pieces
- Replacement Packs: Page 99 (C1725-1 to C1725-12)



CA1730 PANEL (BODY) WASHERS

- Panel (Body) Steel and Stainless Steel, Zinc Plated.
 - 8 Sizes: 3/16" to 1/2" I.D. • 143 Pieces
- Replacement Packs: Page 99 (C1730-1 to C1730-8)



CA1735 PLASTIC TRIM CLIPS

- Including Screw Grommets
 - 14 Sizes • 180 Pieces
- Replacement Packs: Page 99 (C1735-1 to C1735-14)



CA1740 NYLON WASHERS

- Metric and Imperial
 - 11 Sizes: 12mm to 25mm & 1/2" to 13/16" I.D. • 160 Pieces
- Replacement Packs: Page 99 (C1740-1 to 1740-11)



CA1745 'R' CLIPS

- Zinc Plated
 - 8 Sizes: 1/8" to 1" (Shaft Size) • 124 Pieces
- Replacement Packs: Page 100 (C1745-1 to C1745-8)



CA1750 SHIM STEEL WASHERS

- 14 Sizes: 3/16" to 1" I.D.
- Thickness .006" • 190 Pieces

Replacement Packs: Page 100 (C1750-1 to C1750-14)



CA1755 FLAT STEEL WASHERS

- Imperial, High Tensile, Zinc Plated.
- 10 Sizes: 1/4" to 1" I.D. • 175 Pieces

Replacement Packs: Page 100 (C1755-1 to C1755-10)



CA1760 CIRCLIPS

- Metric, Internal and External.
- 14 Sizes: 6mm to 25mm • 155 Pieces

Replacement Packs: Page 100 (C1760-1 to C1760-14)



CA1765 LOCK RINGS

- External SPN Type
- 10 Sizes: 1.5mm to 12mm • 825 Pieces

Replacement Packs: Page 100 (C1765-1 to C1765-10)



CA1770 ALUMINIUM WASHERS

- Imperial and Metric • 15 Sizes: 1/4" to 1" I.D. & 5mm to 20mm I.D.
- Thickness: 1/16" • 315 Pieces

Replacement Packs: Page 100 (C1770-1 to C1770-15)



CA1772 TORX® SECURITY MACHINE SCREWS

- Metric, Pan Head, Zinc Plated.
- 15 Sizes: M4 to M6 Dia. • Lengths: 10mm to 30mm • 365 Pieces

Replacement Packs: Page 100 (C1772-1 to C1772-15)



CA1774 TORX® SECURITY MACHINE SCREWS

- Metric, Countersunk, Zinc Plated.
 - 13 Sizes: 4mm to 6mm • Lengths: 10mm to 30mm • 325 Pieces
- Replacement Packs: Page 101 (C1774-1 to C1774-13)



CA1776 TORX® SECURITY SELF-TAPPING SCREWS

- Pan Head, Zinc Plated.
 - 17 Sizes: 6G to 10G Dia. • Lengths: 13mm to 38mm • 425 Pieces
- Replacement Packs: Page 101 (C1776-1 to C1776-17)



CA1778 TORX® SECURITY SELF-TAPPING SCREWS

- Countersunk, Zinc Plated.
 - 17 Sizes: 6G to 10G Dia. • Lengths: 13mm to 38mm • 425 Pieces
- Replacement Packs: Page 101 (C1778-1 to C1778-17)



CA1780 STAR WASHERS

- Internal and External, Zinc Plated.
 - 14 Sizes: 4mm to 16mm • 560 Pieces
- Replacement Packs: Page 101 (C1780-1 to C1780-14)



CA1782 TORX® SECURITY SELF-DRILLING SCREWS

- Pan Head, Zinc Plated.
 - 15 Sizes: 6G to 10G Dia. • Lengths: 13mm to 38mm • 375 Pieces
- Replacement Packs: Page 101 (C1782-1 to C1782-15)



CA1784 TORX® SECURITY BUTTON HEAD SCREWS

- Metric, Zinc Plated.
 - 14 Sizes: M4 to M8 Dia. • Lengths: 16mm to 30mm • 270 Pieces
- Replacement Packs: Page 101 (C1784-1 to C1784-14)

Torx® is a registered trademark of Camcar Textron Inc.



CA1786 MACHINE SCREWS

- Metric, Countersunk, Zinc Plated.
 - 13 Sizes: M3 to M6 Dia. • Lengths: 16mm to 50mm • 345 Pieces
- Replacement Packs: Page 102 (C1786-1 to C1786-14)



CA1790 DRAIN (SUMP) PLUG WASHERS

- Aluminium Metric & Imperial. • 8 Sizes: 12mm to 24mm & 1/2" I.D.
 - Thickness: 2.5mm • 100 Pieces
- Replacement Packs: Page 102 (C1790-1 to C1790-8)



CA1792 NYLON NUTS

- Metric, Wing, Dome and Hex Nuts.
 - 9 Sizes: M5 to M8 Dia. & 5mm to 8mm • 255 Pieces
- Replacement Packs: Page 102 (C1792-1 to C1792-9)



CA1794 WING NUTS

- Metric and UNC, Zinc Plated.
 - 9 Sizes: M4 to M10, UNC 3/16" to 3/8" • 240 Pieces
- Replacement Packs: Page 102 (C1794-1 to C1794-9)




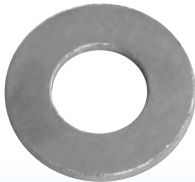






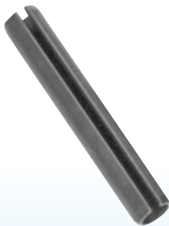





















CA1796 COUPLING NUTS

- Metric and UNC, Zinc Plated.
 - 10 Sizes: M5 to M12 & 3/16" to 7/16" • 92 Pieces
- Replacement Packs: Page 102 (C1796-1 to C1796-10)



CA1798 WING SCREWS

- Metric, Zinc Plated.
 - 8 Sizes: M4 to M6 Dia. • Lengths: 16mm to 40mm • 95 Pieces
- Replacement Packs: Page 102 (C1798-1 to C1798-8)

| | | | | |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |
| SPRING WASHER | FLAT WASHER | PANEL WASHER | INTERNAL STAR (SHAKEPROOF) WASHER | EXTERNAL STAR (SHAKEPROOF) WASHER |
|  |  |  |  |  |
| EXTERNAL SHAFT CIRCLIP | INTERNAL SHAFT CIRCLIP | 'E' TYPE CLIP | ROLL PIN | RIVET |
|  |  |  |  |  |
| GREASE NIPPLE | TORX BUTTON HEAD SCREW | TORX SELF-TAPPING SCREW | GRUB SCREW | HEX PLAIN NUT |
|  |  |  |  |  |
| PAN TORX SELF TAPPING SCREW | COUNTERSUNK TORX SELF-TAPPING SCREW | PAN HEAD SELF-TAPPING SCREW | RAISED HEAD SELF-TAPPING SCREW | PAN TORX MACHINE SCREW |
|  |  |  |  |  |
| COUNTERSUNK TORX MACHINE SCREW | HEX BOLT | SOCKET HEAD | WING SCREW | COUNTERSUNK PHILLIPS MACHINE SCREW |
|  |  |  |  |  |
| PAN HEAD MACHINE SCREW | DOME NUT | SELF-LOCKING NUT | WING NUT | SPLIT (COTTER) PIN |

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STAINLESS STEEL ASSORTMENTS

| PART NO. | IMAGE PAGE NO. | ASSORTMENTS |
|----------|----------------|---------------------------------------------------------------------------------------------------------------------------|
| CA214 | 215 | Stainless Steel Assortment – Screws, Washers and Nuts, 302/A2, 316/A4. 52 Sizes |
| CA1800 | 66 | Stainless Steel Assortment – Bolts, Screws, Washers and Split Pins, 304/A2. 38 Sizes |
| CA1808 | 66 | Stainless Steel Grease Nipples – Metric and Imperial, 316/A4. 14 Sizes |
| CA1810 | 66 | Stainless Steel Self-Tapping Screws – Pan Head, Phillips, 304/A2. 15 Sizes: 4G to 10G – Lengths 1/2" to 1-1/2" |
| CA1815 | 66 | Stainless Steel Roll Pins – Metric, 304/A2. 14 Sizes: 2mm to 6mm Dia. |
| CA1816 | 66 | Stainless Steel (Grub) Screws – Metric and Imperial, 316/A4. 14 Sizes: 5mm to 8mm & 3/16" to 3/8" BSW |
| CA1817 | 66 | Stainless Steel Cap Screws – Metric, 316/A4. 14 Sizes: 5mm to 10mm |
| CA1818 | 66 | Stainless Steel Cap Screws – BSW, 316/A4. 14 Sizes: 3/16" to 3/8" – Lengths to 1-1/2" |
| CA1820 | 67 | Stainless Steel Self-Tapping Screws – Countersunk, Phillips, 304/A2. 15 Sizes: 4G to 10G – Lengths to 1-1/2" |
| CA1824 | 67 | Stainless Steel 'E' Clips – Metric, 304/A2. 8 Sizes: 1.9mm to 15mm |
| CA1830 | 67 | Stainless Steel Flat and Panel Washers – 304/A2. 16 Sizes: 1/8" to 3/4" I.D. |
| CA1840 | 67 | Stainless Steel Spring Washers – 304/A2, Imperial. 12 Sizes: 5/32" to 3/4" & 4mm to 16mm I.D. |
| CA1850 | 67 | Stainless Steel Split Pins – Metric, 304/A2. 10 Sizes: 1.6mm to 5mm Dia. |
| CA1860 | 67 | Stainless Steel Machine Screws and Nuts – BSW, 304/A2. 10 Sizes: 1/8" to 1/4" |
| CA1861 | 68 | Stainless Steel Internal Circlips – Metric, 304/A2. 8 Sizes: 10mm to 25mm |
| CA1862 | 68 | Stainless Steel External Circlips – Metric, 304/A2. 8 Sizes: 6mm to 22mm |
| CA1870 | 68 | Stainless Steel Set Screws and Nuts – Metric, 304/A2. 13 Sizes: M4 to M10 Dia. |
| CA1875 | 68 | Stainless Steel Set Screws and Nuts – UNC, 316/A4. 10 Sizes: 1/4" to 3/8" Dia. |
| CA1882 | 68 | Torx® Stainless Steel Security Self-Tapping Screws – Pan Head, 304/A2. 14 Sizes: 6G to 12G Dia. – Lengths 1/2" to 1-1/2" |
| CA1884 | 68 | Stainless Steel Self-Tapping Screws – Raised Countersunk, Phillips, 316/A4. 19 Sizes: 4G to 10G Dia. – Lengths 1/2" to 2" |
| CA1885 | 69 | Stainless Steel Hex Set Screws and Nuts – Metric, 316/A4. 13 Sizes: 4mm to 10mm Dia. – Lengths 16 to 50mm |
| CA1886 | 69 | Torx® Stainless Steel Security Machine Screws – Pan Head, 304/A2. 14 Sizes: M5 to M8 Dia. – Lengths 10 to 30mm |
| CA1888 | 69 | Stainless Steel Machine Screws & Nuts – Pan Hd, Phillips, 316/A4. 14 Sizes: M5 to M6 Dia. – Lengths 10 to 50mm |
| CA1890 | 69 | Stainless Steel Machine Screws & Nuts – Countersunk, Phillips, 316/A4. 11 Sizes: M5 to M6 Dia. – Lengths 16 to 50mm |
| CA1892 | 69 | Stainless Steel Wing Screws & Nuts – Metric, 316/A4. 11 Sizes: M4 to M6 – Lengths 10mm to 25mm |
| CA1894 | 69 | Stainless Steel Rivets Blind – 304/A2. 16 Sizes: 2.4mm to 5mm Dia. |

STAINLESS STEEL



CA1800 ASSORTED PRODUCTS

- Bolts, Screws, Washers and Split Pins, 304/A2.
- 38 Sizes • 324 Pieces

Refer to page 102 for Replacement Packs



CA1808 GREASE NIPPLES

- Metric and Imperial, 316/A4.
- 14 Sizes • 170 Pieces

Replacement Packs: Page 103 (C1808-1 to C1808-14)



CA1810 SELF-TAPPING SCREWS

- Pan Head, Phillips, 304/A2.
- 15 Sizes: 4G to 10G • Lengths: 1/2" to 1-1/2" • 415 Pieces

Replacement Packs: Page 103 (C1810-1 to C1810-15)



CA1815 ROLL PINS

- Metric, 304/A2.
- 14 Sizes: 2mm to 6mm Dia. • 210 Pieces

Replacement Packs: Page 103 (C1815-1 to C1815-14)



CA1816 GRUB SCREWS

- Metric and Imperial, 316/A4.
- 14 Sizes: 5mm to 8mm & 3/16" to 3/8" BSW • 140 Pieces

Replacement Packs: Page 103 (C1816-1 to C1816-14)



CA1817 CAP SCREWS - METRIC

CA1818 CAP SCREWS - IMPERIAL

- Metric, 316/A4. • 14 Sizes: 5mm to 10mm
- Imperial, BSW, 316/A4. • 14 Sizes: 3/16" to 3/8" • Lengths to 1-1/2"

Replacement Packs: Page 103 (C1817-1 to 14) (C1818-1 to 14)



CA1820 SELF-TAPPING SCREWS

- Countersunk, Phillips, 304/A2.
- 15 Sizes: 4G to 10G • Lengths to 1-1/2" • 415 Pieces

Replacement Packs: Page 104 (C1820-1 to C1820-15)



CA1824 'E' CLIPS

- Metric, 304/A2.
- 8 Sizes: 1.9mm to 15mm • 325 Pieces

Replacement Packs: Page 104 (C1824-1 to C1824-8)



CA1830 FLAT & PANEL WASHERS

- 304/A2
- 16 Sizes: 1/8" to 3/4" I.D. • 385 Pieces

Replacement Packs: Page 104 (C1830-1 to C1830-16)



CA1840 SPRING WASHERS

- 304/A2, Imperial.
- 12 Sizes: 5/32" to 3/4" & 4mm to 16mm I.D. • 345 Pieces

Replacement Packs: Page 104 (C1840-1 to C1840-12)



CA1850 SPLIT PINS

- Metric, 304/A2.
- 10 Sizes: 1.6mm to 5mm Dia. • 225 Pieces

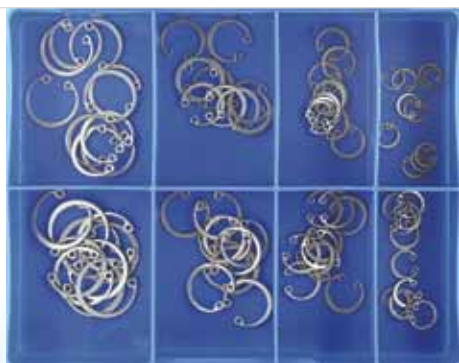
Replacement Packs: Page 104 (C1850-1 to C1850-10)



CA1860 MACHINE SCREWS & NUTS

- BSW, 304/A2.
- 10 Sizes: 1/8" to 1/4" • 256 Pieces

Replacement Packs: Page 104 (C1860-1 to C1860-14)



CA1861 INTERNAL CIRCLIPS

- Metric, 304/A2.
- 8 Sizes: 10mm to 25mm • 80 Pieces

Replacement Packs: Page 104 (C1861-1 to C1861-8)



CA1862 EXTERNAL CIRCLIPS

- Metric, 304/A2.
- 8 Sizes: 6mm to 22mm • 120 Pieces

Replacement Packs: Page 105 (C1862-1 to C1862-8)



CA1870 SET SCREWS & NUTS

- Metric, 304/A2.
- 13 Sizes: M4 to M10 Dia. • 174 Pieces

Replacement Packs: Page 105 (C1870-1 to C1870-17)



CA1875 SET SCREWS & NUTS

- UNC, 316/A4.
- 10 Sizes: 1/4" to 3/8" Dia. • 140 Pieces

Replacement Packs: Page 105 (C1875-1 to C1875-10)



CA1882 TORX® SECURITY SELF-TAPPING SCREWS

- Pan Head, 304/A2.
- 14 Sizes: 6G to 12G Dia. • Lengths 1/2" to 1-1/2" • 210 Pieces

Replacement Packs: Page 105 (C1882-1 to C1882-14)



CA1884 SELF-TAPPING SCREWS

- Raised Countersunk, Phillips, 316/A4.
- 19 Sizes: 4G to 10G Dia. • Lengths: 1/2" to 2" • 440 Pieces

Replacement Packs: Page 105 (C1884-1 to C1884-19)

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CA1885 SET SCREWS & NUTS

- Metric, 316/A4.
 - 13 Sizes: 4mm to 10mm Dia. • Lengths 16mm to 50mm • 328 Pieces
- Replacement Packs: Page 106 (C1885-1 to C1885-18)



CA1886 TORX® SECURITY MACHINE SCREWS

- Metric, Pan Head, 304/A2.
 - 14 Sizes: M5 to M8 Dia. • Lengths: 10mm to 30mm • 140 Pieces
- Replacement Packs: Page 106 (C1886-1 to C1886-14)



CA1888 MACHINE SCREWS & NUTS

- Pan Head, Phillips, 316/A4.
 - 14 Sizes: M5 to M6 Dia. • Lengths 10mm to 50mm • 345 Pieces
- Replacement Packs: Page 106 (C1888-1 to C1888-14)



CA1890 MACHINE SCREWS & NUTS

- Countersunk, Phillips, 316/A4.
 - 11 Sizes: M5 to M6 Dia. • Lengths: 16mm to 50mm • 295 Pieces
- Replacement Packs: Page 106 (C1890-1 to C1890-11)



CA1892 WING SCREWS & NUTS

- Metric, 316/A4.
 - 11 Sizes: M4 to M6 • Lengths: 10mm to 25mm • 230 Pieces
- Replacement Packs: Page 106 (C1892-1 to C1892-11)



CA1894 RIVETS

- Blind, 304/A2.
 - 16 Sizes: 2.4mm to 5mm Dia. • 330 Pieces
- Replacement Packs: Page 106 (C1894-1 to C1894-16)

STORAGE SYSTEMS

MASTER KIT METAL CABINETS
COMPLETE WITH ROLL OUT TRAYS



4 & 6
DRAWER
CAPACITY

CSD4 4 DRAWER 305H x 410W x 320D

CSD6 6 DRAWER 430H x 410W x 320D

*Storage cabinets are not
supplied with assortments*

Champion master kit cabinets are available in either 4 or 6 drawer capacity

These sturdy metal cabinets are complete with roll out trays

Attractively powder coated in red to complement the master kits



MASTER KITS – METAL CASE

Master Kits are supplied in a strong reusable metal case, complete with locking tab and a heavy duty insert tray.

All assortment componentry is of the highest quality and conforms to Australian and International standards.

Replacement packs and refill items are readily available.
See Replacement Pack section page 82-116



Champion Master Kits Cover an Extensive Range of Products

MASTER KITS

MASTER KITS - METAL CASES

Master Kits are supplied in a strong reusable metal case, complete with locking tab and a heavy duty insert tray.

Assortment componentry is of the highest quality and conforms to Australian and International standards.

Replacement packs and refill items are readily available.

For Storage Cabinets and Wire Rack Merchandisers see pages 80 & 219

| PART NO. | IMAGE PAGE NO. | MASTER KIT |
|----------|----------------|-------------------------------------------------------------------------------------------------------------------|
| CA365 | 73 | UNF Bolts, Set Screws and Nuts – High Tensile, GR5, Zinc Plated. 16 Sizes: 1/4" to 1/2" Dia. |
| CA370 | 73 | UNC Bolts, Set Screws and Nuts – High Tensile, GR5, Zinc Plated. 16 Sizes: 1/4" to 1/2" Dia. |
| CA431 | 73 | Metric Bolts, Set Screws and Nuts – High Tensile, GR8.8, Zinc Plated. 17 Sizes: M4 to M12 Dia. |
| CA480 | 73 | Metric Bolts, Set Screws and Nuts – ISO and Fine Pitch, High Tensile, GR8.8, Z/P. 16 Sizes: M4 to M12 Dia. |
| CA495 | 73 | Flange Head Hex Set Screws and Nuts – Metric, High Tensile, GR8.8, Zinc Plated. 17 Sizes: 5mm to 10mm |
| CA1630 | 73 | Self-Tapping Screws – Phillips Raised, Pan Slot and Hex Head, incl. Cup Washers. Z/P and N/P. 19 Sizes: 6G to 14G |
| CA1880 | 74 | Stainless Steel Metric Set Screws and Nuts – 304/A2. 16 Sizes: M4 to M12 Dia. |
| CA2005 | 74 | Fuses – Glass, Blade and European. 28 Sizes: 2 Amp. to 50 Amp. – 24 Types |
| CA2010 | 74 | Circlips – Metric, Internal. 20 Sizes: 8mm to 50mm (Bore Size) |
| CA2015 | 74 | Circlips – Metric, External. 20 Sizes: 6mm to 50mm (Shaft Size) |
| CA2020 | 74 | Roll Pins – Metric. 24 Sizes: 2mm to 10mm Dia. (Large Sizes) |
| CA2025 | 74 | Roll Pins – Imperial. 24 Sizes: 3/32" to 3/8" Dia. |
| CA2030 | 75 | Circlips – Imperial, Internal. 20 Sizes: 1/4" to 2" (Bore Size) |
| CA2035 | 75 | Circlips – Imperial, External. 20 Sizes: 1/4" to 2" (Shaft Size) |
| CA2040 | 75 | Wiring Terminals – Crimp Type. 28 Types incl. Push-On Bullet, Ring, Tab, Splice and Lanced |
| CA2045 | 75 | Self-Tapping Screws – Pan and Mushroom Head, Phillips, Black Zinc. 28 Sizes: 6G to 12G, Lengths to 2" |
| CA2050 | 75 | Flat and Spring Steel Washers – Imperial and Metric, Zinc Plated. 25 Sizes: 5/32" to 3/4" & 6mm to 20mm I.D. |
| CA2060 | 75 | Fibre Washers – 36 Sizes: 5/32" to 1" & 14mm to 30mm I.D. – Thickness: 1/32", 1/16", 3/32" |
| CA2070 | 76 | Brass Hose Fittings – 'T' Pieces, Joiners, Tails, Elbows and Adaptors. 53 Sizes, 106 Pieces |
| CA2075 | 76 | Vacuum Hose and Tube Connectors – 49 Sizes, 136 Pieces |
| CA2080 | 76 | Trim Clips – Scrivets. 16 Types, 675 Pieces |
| CA2085 | 76 | Trim Clips – Xmas Tree Clips. 16 Types, 690 Pieces |
| CA2096 | 76 | Manifold Studs and Nuts – Metric and Imperial, Steel and Brass, Zinc Passivated. 19 Sizes |
| CA2140 | 76 | Drain (Sump) Plug Washers – Fibre, Aluminium and Copper Crush Metric. 25 Sizes: 12mm to 25mm I.D. |
| CA2173 | 77 | Bonded Seal (Dowty) Washers – Metric and Imperial. 22 Sizes: 8mm to 42mm & 1/8" to 1-1/4" I.D. BSP |
| CA2174 | 77 | Rubber Grommets – Wiring and Blanking. 20 Sizes: 1/8" to 1-1/8" |
| CA2177 | 77 | Woodruff Keys – Imperial and Metric. 34 Sizes: 3/32" to 3/8" & 2mm to 10mm Dia. |
| CA2206 | 77 | 6mm Bolts & Nuts – H/T, incl. Self-Locking Nuts & Washers. Set Screws & Flange Head. Lengths: 16 to 40mm |
| CA2208 | 77 | 8mm Bolts & Nuts – H/T, incl. Self-Locking Nuts & Washers. Set Screws & Flange Head. Lengths: 20 to 50mm |
| CA2210 | 77 | 10mm Bolts & Nuts – H/T, incl. Self-Locking Nuts & Washers. Set Screws & Flange Head. Lengths: 25 to 50mm |
| CA2240 | 78 | Flat and Body Steel Washers – Imperial and Metric, Zinc Plated. 20 Sizes: 1/8" to 1" & 6mm to 12mm I.D. |
| CA2260 | 78 | Fuel Injection Copper Washers – Metric. 24 Sizes: 5mm to 26mm I.D. – Thickness: 1, 1.5 & 2mm |
| CA2265 | 78 | Plastic Trim Clips and Screw Grommets – 20 Sizes, 275 Pieces |
| CA2276 | 78 | Shim Steel Washers – 36 Sizes: 3/16" to 1-3/8" I.D. – Thickness: .006" |
| CA2300 | 78 | Socket Head Cap Screws – BSW, High Tensile, 25 Sizes: 3/16" x 5/8" to 1/2" x 2-1/4" |
| CA2370 | 78 | UNC Bolts, Set Screws and Nuts – High Tensile, GR8. 17 Sizes: 1/4" to 1/2" Dia. Lengths: 3/4" to 2" |
| CA2385 | 79 | Fuses – Blade, Circuit Breaker, Micro and Mini Blades. 3 Amp. to 30 Amp. – 24 Types |
| CA2415 | 79 | Grease Nipples – Combination Metric and Imperial, Zinc Plated. 20 Sizes |
| CA2417 | 79 | Socket Head Cap Screws – Metric, GR8.8, Zinc Plated. 24 Sizes: 3mm to 8mm Dia. |
| CA2431 | 79 | Metric Bolts, Set Screws and Nuts – High Tensile, Zinc Plated. 6 to 12mm Dia. Lengths: 20 to 50mm |
| CA2540 | 79 | Split Pins – Metric, Zinc Plated. 16 Sizes: 1.6mm x 22mm to 6.3mm x 50mm |
| CA2700 | 79 | Wiring Terminals – Crimp Type incl. Adjustable Ratchet Crimp Tool. Suitable for 3, 4 & 5mm Wire. 20 Types |
| CA2705 | 80 | Machine Screws and Nuts – Pan Head, Phillips, Zinc Plated. 24 Sizes: M3 to M6 Dia. |
| CA2710 | 80 | Machine Screws and Nuts – Metric, Countersunk Head, Zinc Plated. 20 Sizes: M3 to M6 Dia. |
| CA2715 | 80 | Sems Assembly – Metric, Single and Double Washers, Zinc Passivated. 20 Sizes: M5 to M10 Dia. |
| CA2788 | 80 | Nylon Bolts and Nuts – Hex Head. 19 Sizes: 5, 6 & 8mm Dia. |



CA365 UNF BOLTS, SET SCREWS & NUTS

- High Tensile • GR5 • Zinc Plated
 - 16 Sizes: 1/4" to 1/2" Dia. • 365 Pieces
- Replacement Packs: Page 90 (C365-1 to C365-21)



CA370 UNC BOLTS, SET SCREWS & NUTS

- High Tensile • GR5 • Zinc Plated
 - 16 Sizes: 1/4" to 1/2" Dia. • 370 Pieces
- Replacement Packs: Page 91 (C370-1 to C370-21)



CA431 BOLTS, SET SCREWS & NUTS

- Metric • High Tensile • GR8.8 • Zinc Plated
 - 17 Sizes: M4 to M12 Dia. • 431 Pieces
- Replacement Packs: Page 93 (C431-1 to C431-22)



CA480 BOLTS, SET SCREWS & NUTS

- Metric • ISO and Fine Pitch • High Tensile • GR8.8
 - Zinc Plated • 16 Sizes: M4 to M12 Dia. • 480 Pieces
- Replacement Packs: Page 93 (C480-1 to C480-22)



CA495 BOLTS, SET SCREWS & NUTS

- Metric • Flange Head Plated • High Tensile • GR8.8
 - Zinc Plated • 17 Sizes: 5mm to 10mm Dia. • 455 Pieces
- Replacement Packs: Page 93 (C495-1 to C495-21)



CA1630 SELF-TAPPING SCREWS

- Phillips Raised, Pan Slot and Hex Head, incl. Cup Washers • Z/P
 - N/P • 19 Sizes: 6G to 14G • 1680 Pieces
- Replacement Packs: Page 97/98 (C1630-1 to C1630-22)



CA1880 SET SCREWS & NUTS

- Stainless Steel • Metric • GR 304/A2
 - 16 Sizes: M4 to M12 Dia. • 316 Pieces
- Replacement Packs: Page 105 (C1880-1 to C1880-22)



CA2005 FUSES

- Glass 2 to 50 Amp. • Blade 5 to 30 Amp. • European 8 to 25 Amp.
 - 28 Sizes • 24 Types • 300 Pieces
- Replacement Packs: Page 107 (C2005-1 to C2005-24)



CA2010 CIRCLIPS

- Internal • Metric
 - 20 Sizes: 8mm to 50mm (Bore Size) • 260 Pieces
- Replacement Packs: Page 107 (C2010-1 to C2010-20)



CA2015 CIRCLIPS

- External • Metric
 - 20 Sizes: 6mm to 50mm (Shaft Size) • 260 Pieces
- Replacement Packs: Page 107 (C2015-1 to C2015-20)



CA2020 ROLL PINS

- Metric • Large Sizes • 24 Sizes: 2mm to 10mm Dia.
 - 360 Pieces
- Replacement Packs: Page 107 (C2020-1 to C2020-24)



CA2025 ROLL PINS

- Imperial • 24 Sizes: 3/32" to 3/8" Dia.
 - 364 Pieces
- Replacement Packs: Page 108 (C2025-1 to C2025-24)



CA2030 CIRCLIPS

- Internal • Imperial • 20 Sizes: 1/4" to 2" (Bore Size)
 - 240 Pieces
- Replacement Packs: Page 108 (C2030-1 to C2030-20)



CA2035 CIRCLIPS

- External • Imperial • 20 Sizes: 1/4" to 2" (Shaft Size)
 - 240 Pieces
- Replacement Packs: Page 108 (C2035-1 to C2035-20)



CA2040 WIRING TERMINALS

- Crimp Type, incl. Push-On Bullet, Ring, Tab, Splice & Lanced
 - 28 Types • 364 Pieces
- Replacement Packs: Page 108 (C2040-1 to C2040-28)



CA2045 SELF-TAPPING SCREWS

- Pan and Mushroom Head • Phillips Drive • Black Zinc
 - 28 Sizes: 6G to 12G • Lengths: up to 2" • 830 Pieces
- Replacement Packs: p95 (C1200-1 to 14), p99 (C1720-1 to 14)



CA2050 FLAT & SPRING STEEL WASHERS

- Imperial and Metric • Zinc Plated
 - 25 Sizes: 5/32" to 3/4" & 6mm to 20mm I.D. • 1158 Pieces
- Replacement Packs: p95 (C756-1 to 12), p95 (C648-1 to 6)



CA2060 FIBRE WASHERS

- 36 sizes: 5/32" to 1" & 14mm to 30mm I.D.
 - Thickness: 1/32", 1/16", 3/32" • 1023 Pieces
- Rep. Packs: p91 (C400-1 to 14) (C390-1 to 12), p87 (C150-1 to 11)



CA2070 BRASS HOSE FITTINGS

- 'T' Pieces, Joiners, Tails, Elbows and Adaptors
- 53 Sizes • 106 Pieces

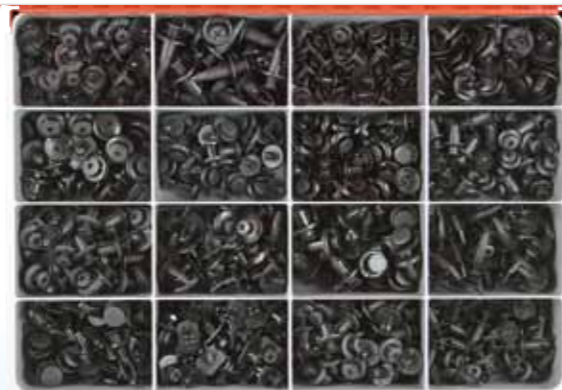
Replacements: See Brass, Page 153-155



CA2075 VACUUM HOSE & TUBE CONNECTORS

- 49 Sizes • 136 Pieces

Replacements: See Page 180-181



CA2080 TRIM CLIPS

- Scrivets
- 16 Types • 675 Pieces

Replacements: See Page 119-123



CA2085 TRIM CLIPS

- Xmas Tree Clips
- 16 Types • 690 Pieces

Replacements: See Page 119-123



CA2096 MANIFOLD STUDS & NUTS

- Steel and Brass • Zinc Passivated
- 19 Sizes • 200 Pieces

Replacements: See Page 127



CA2140 DRAIN (SUMP) PLUG WASHERS

- Metric • Fibre, Aluminium and Copper Crush
- 25 Sizes: 12mm to 25mm I.D. • 1015 Pieces

Replacements: See Page 111



CA2173 BONDED SEAL (DOWTY) WASHERS

- Metric and Imperial
 - 22 Sizes: 8mm to 42mm & 1/8" to 1-1/4" I.D. BSP • 173 Pieces
- Replacement Packs: Page 111 (C2173-1 to C2173-22)



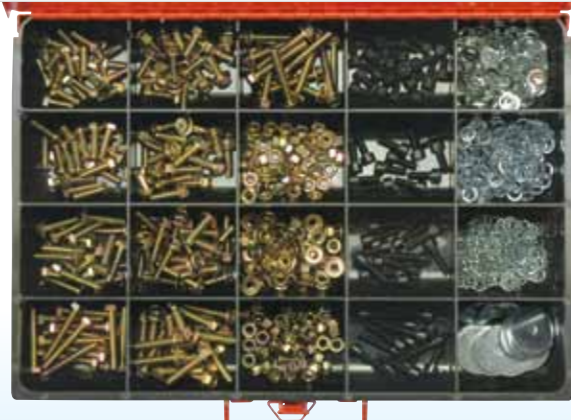
CA2174 RUBBER GROMMETS

- Wiring and Blanking • 20 Sizes: 1/8" to 1-1/8"
 - 174 Pieces
- Replacement Packs: p82 (C63-1 to 12), p83 (C90-1 to 8)



CA2177 WOODRUFF KEYS

- Imperial and Metric • 34 Sizes: 3/32" to 3/8" & 2mm to 10mm Dia.
 - 341 Pieces
- Replacement Packs: p87 (C177-1 to 17), p98 (C1705-1 to 17)



CA2206 6mm BOLTS & NUTS

- Incl. Self-Locking Nuts & Washers • High Tensile • GR8.8 • Z/P
 - Set Screws & Flange Head Lengths: 16mm to 40mm • 753 Pieces
- Replacements: See Page 112



CA2208 8mm BOLTS & NUTS

- Incl. Self-Locking Nuts & Washers • High Tensile • GR8.8 • Z/P
 - Set Screws & Flange Head Lengths: 20 to 50mm • 508 Pieces
- Replacements: See Page 112



CA2210 10mm BOLTS & NUTS

- Incl. Self-Locking Nuts & Washers • High Tensile • GR8.8 • Z/P
 - Set Screws & Flange Head Lengths: 25mm to 50mm • 401 Pieces
- Replacements: See Page 112-113



CA2240 FLAT & BODY STEEL WASHERS

- Imperial and Metric • Zinc Plated
 - 20 Sizes: 1/8" to 1" & 6mm to 12mm I.D. • 2190 Pieces
- Replacements: See Page 113



CA2260 FUEL INJECTION COPPER WASHERS

- Metric • 24 Sizes: 5mm to 26mm I.D. • Thickness: 1, 1.5 & 2mm
 - 565 Pieces
- Replacements: See Page 113



CA2265 TRIM CLIPS & SCREW GROMMETS

- Plastic • 20 Sizes • 275 Pieces
- Replacements: See Page 113



CA2276 SHIM STEEL WASHERS

- 36 Sizes: 3/16" to 1-3/8" I.D. • .006" Thickness
 - 466 Pieces
- Replacements: See Page 113-114



CA2300 SOCKET HEAD CAP SCREWS

- BSW • High Tensile
 - 25 Sizes: 3/16" x 5/8" to 1/2" x 2-1/4" • 300 Pieces
- Replacements: See Page 114



CA2370 BOLTS, SET SCREWS & NUTS

- UNC • High Tensile • GR8
 - 17 Sizes: 1/4" to 1/2" Dia. • Lengths: 3/4" to 2"
- Replacement Packs: Page 114 (C2370-1 to C2370-22)



CA2385 FUSES

- Blade, Circuit Breaker, Micro and Mini Blades • 3 Amp. to 30 Amp.
 - 24 Types • 400 Pieces
- Replacements: See Page 114



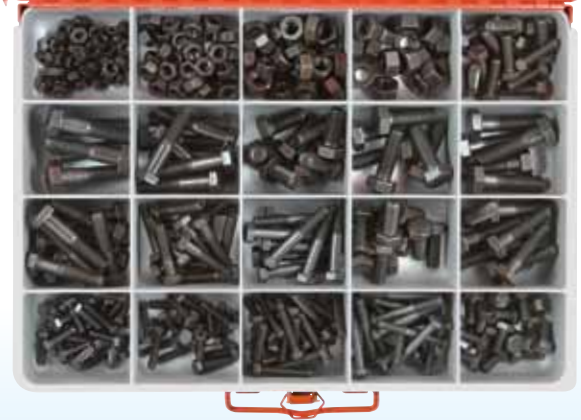
CA2415 GREASE NIPPLES

- Imperial and Metric • Zinc Plated
 - 20 Sizes • 410 Pieces
- Replacements: See Page 115



CA2417 SOCKET HEAD CAP SCREWS

- Metric • GR8.8 • Zinc Plated • 24 Sizes: 3mm to 8mm Dia.
 - 430 Pieces
- Replacements: See Page 115



CA2431 BOLTS, SET SCREWS & NUTS

- Metric • High Tensile • 6mm to 12mm Dia.
 - Lengths: 20mm to 50mm
- Replacement Packs: Page 115 (C2431-1 to C2431-20)



CA2540 SPLIT PINS

- Metric • Steel • Zinc Plated
 - 16 Sizes: 1.6 x 22mm to 6.3 x 50mm • 1540 Pieces
- Replacements: See Page 115



CA2700 WIRING TERMINALS

- Crimp Type incl. Adjustable Ratchet Crimp Tool
 - Suitable for 3mm, 4mm & 5mm Wire • 700 pieces • 20 Types
- Replacements: See Page 115



CA2705 MACHINE SCREWS

- Pan Head • Phillips • Zinc Plated • 24 Sizes: M3 to M6 Dia.
- 1785 Pieces

Replacements: See Page 116



CA2710 MACHINE SCREWS & NUTS

- Countersunk Head • Phillips • Zinc Plated
- 20 Sizes: M3 to M6 Dia. • 1650 Pieces

Replacements: See Page 116



CA2715 SEMS ASSEMBLY

- Metric • Single and Double Washers • Zinc Passivated
- 20 Sizes: M5 to M10 Dia. • 380 Pieces

Replacements: See Page 116



CA2788 NYLON BOLTS & NUTS

- Hex Head • 19 Sizes: 5, 6 & 8mm Dia.

Replacement Packs: Page 116 (C2788-1 to C2788-22)



MASTER KIT METAL CABINETS

CSD4 4 DRAWER METAL CABINET

CSD6 6 DRAWER METAL CABINET

- 4 or 6 drawer Champion master kit cabinets
- Sturdy metal cabinet complete with roll out trays
- Attractively powder coated in red to complement the master kits
- CSD4 Dimensions: 305H x 410W x 320D (mm)
- CSD6 Dimensions: 430H x 410W x 320D (mm)

Storage cabinets are not supplied with assortments



REFILLS FOR CHAMPION ASSORTMENTS



Replacement Packs are clearly identified for easy replenishment of assortment

The relevant Replacement Pack part number is shown on the inner lid of the assortment

Available individually or in standard packs of five per outer

Replacement Packs are available for the majority of Champion and similar assortments

To ensure optimum performance and quality, always replace components with genuine Champion Replacement Packs.

REPLACEMENT PACKS

REPLACEMENT PACKS

CA21 MACHINE SCREWS & NUTS

PAN HEAD PHILLIPS

| | | |
|--------|-----------|----------------|
| C21-1 | 20 / pack | M3 x 10mm |
| C21-2 | 20 | M3 x 16mm |
| C21-3 | 20 | M3 x 23mm |
| C21-4 | 20 | M4 x 10mm |
| C21-5 | 20 | M4 x 16mm |
| C21-6 | 20 | M4 x 20mm |
| C21-7 | 20 | M5 x 10mm |
| C21-8 | 20 | M5 x 16mm |
| C21-9 | 20 | M5 x 20mm |
| C21-10 | 20 | M5 x 25mm |
| C21-11 | 30 | M6 x 16mm |
| C21-12 | 30 | M6 x 20mm |
| C21-13 | 60 | M3 x 0.5 Nuts |
| C21-14 | 60 | M4 x 0.7 Nuts |
| C21-15 | 80 | M5 x 0.8 Nuts |
| C21-16 | 60 | M6 x 1.00 Nuts |

Bulk Packs: page 27

CA22 PIPE SUPPORT ANCHORS

METAL WITH RUBBER PROTECTOR

| | | |
|-------|----------|------|
| C22-1 | 8 / pack | 10mm |
| C22-2 | 4 | 13mm |
| C22-3 | 4 | 16mm |
| C22-4 | 4 | 19mm |
| C22-5 | 4 | 27mm |
| C22-6 | 4 | 35mm |

CA38 EXPANSION PLUGS

CUP TYPE STEEL – IMPERIAL, ZINC PLATED

| | | |
|--------|----------|----------|
| C38-1 | 6 / pack | 19/32" |
| C38-2 | 6 | 1-7/32" |
| C38-3 | 4 | 1-1/4" |
| C38-4 | 4 | 1-3/8" |
| C38-5 | 6 | 1-1/2" |
| C38-6 | 6 | 1-5/8" |
| C38-7 | 2 | 1-15/16" |
| C38-8 | 2 | 1-61/64" |
| C38-9 | 2 | 2" |
| C38-10 | 6 | 3/4" |
| C38-11 | 4 | 1" |
| C38-12 | 2 | 1-3/4" |
| C38-13 | 2 | 2-1/16" |

CA42 EXPANSION PLUGS

CUP TYPE BRASS – IMPERIAL

| | | |
|--------|----------|---------|
| C42-1 | 6 / pack | 3/4" |
| C42-2 | 6 | 1" |
| C42-3 | 3 | 1-7/32" |
| C42-4 | 3 | 1-1/4" |
| C42-5 | 2 | 1-3/8" |
| C42-6 | 3 | 1-1/2" |
| C42-7 | 4 | 1-5/8" |
| C42-8 | 4 | 1-3/4" |
| C42-9 | 2 | 2" |
| C42-10 | 2 | 2-1/16" |

CA43 EXPANSION PLUGS

CUP TYPE BRASS – METRIC

| | | |
|--------|----------|--------|
| C43-1 | 5 / pack | 20mm |
| C43-2 | 5 | 22mm |
| C43-3 | 5 | 25mm |
| C43-4 | 5 | 28mm |
| C43-5 | 5 | 30mm |
| C43-6 | 5 | 35mm |
| C43-7 | 2 | 38mm |
| C43-8 | 2 | 40mm |
| C43-9 | 2 | 45mm |
| C43-10 | 2 | 46.5mm |
| C43-11 | 2 | 48mm |
| C43-12 | 2 | 50mm |

CA52 CLEVIS PINS

| | | |
|-------|----------|---------------|
| C52-1 | 8 / pack | 1/4 x 1" |
| C52-2 | 8 | 5/16 x 15/16" |
| C52-3 | 8 | 5/16 x 1" |
| C52-4 | 4 | 5/16 x 1-1/4" |
| C52-5 | 4 | 5/16 x 1-3/4" |
| C52-6 | 8 | 3/8 x 1" |
| C52-7 | 4 | 3/8 x 1-1/8" |
| C52-8 | 4 | 3/8 x 2" |
| C52-9 | 4 | 7/16 x 1-1/2" |

Bulk Packs: page 124

CA58 DRAIN (SUMP) PLUGS

Assortment contents listed below

| | | |
|--------|--------|---------------------------|
| COR108 | 10 qty | 1/2 x 1/16" 'O' Rings |
| DP1 | 10 | No.1 - 1/2" UNF Plug |
| DP12 | 5 | No.12 - M12 x 1.5 Plug |
| DP12F | 5 | No.12F - M12 x 1.25 Plug |
| DP14 | 8 | No.14 - M14 x 1.5 Plug |
| DP16 | 3 | No.16 - 3/8" BSPP |
| DP18 | 2 | No.18 - M18 x 1.5 Plug |
| DP10S | 10 | No.10/S - 1/2+ .028" Plug |
| DP25 | 2 | No.25 - M25 x 1.5 Plug |
| DP3 | 3 | No.3 - 5/8" UNF Plug |

Bulk Packs: page 125

CA63 WIRING GROMMET

| | | I.D. | PANEL HOLE | O.D. |
|--------|--------|--------|------------|-----------|
| C63-1 | 8 / pk | 1/8" | x 9/32" | x 7/16" |
| C63-2 | 8 | 3/16" | x 5/16" | x 7/16" |
| C63-3 | 8 | 1/4" | x 1/2" | x 9/16" |
| C63-4 | 8 | 5/16" | x 17/32" | x 3/4" |
| C63-5 | 8 | 3/8" | x 1/2" | x 11/16" |
| C63-6 | 8 | 3/8" | x 9/16" | x 11/16" |
| C63-7 | 8 | 3/8" | x 3/4" | x 1" |
| C63-8 | 8 | 7/16" | x 3/4" | x 1" |
| C63-9 | 8 | 1/2" | x 21/32" | x 13/16" |
| C63-10 | 5 | 5/8" | x 1" | x 1-1/8" |
| C63-11 | 3 | 3/4" | x 15/16" | x 1-5/16" |
| C63-12 | 3 | 29/32" | x 1-1/4" | x 1-1/2" |

Bulk Packs: page 126

CA70 BRASS FITTINGS

Assortment contents listed below

| | | |
|------|-------|-------------------------|
| 4502 | 2 qty | 3/16" Nuts (Solder-On) |
| 4503 | 4 | 1/4" Nuts (Solder-On) |
| 4504 | 4 | 5/16" Nuts (Solder-On) |
| 4505 | 2 | 3/8" Nuts (Solder-On) |
| P301 | 2 | 3/16 x 1/8" Male Barbs |
| P302 | 4 | 1/4 x 1/8" Male Barbs |
| P303 | 4 | 5/16 x 1/8" Male Barbs |
| P305 | 2 | 3/8 x 1/4" Male Barbs |
| P501 | 3 | 3/16 x 3/16" Nut & Tail |
| P503 | 4 | 1/4 x 1/8" Nut & Tail |
| P505 | 4 | 5/16 x 5/16" Nut & Tail |
| P506 | 3 | 3/8 x 3/8" Nut & Tail |
| P601 | 2 | 3/16 x 1/8" M/Elbow 90° |
| P602 | 3 | 1/4 x 1/8" M/Elbow 90° |
| P603 | 3 | 5/16 x 1/8" M/Elbow 90° |
| P605 | 2 | 3/8 x 1/4" M/Elbow 90° |
| P701 | 2 | 3/16" Hose Joiners |
| P702 | 3 | 1/4" Hose Joiners |
| P703 | 4 | 5/16" Hose Joiners |
| P704 | 2 | 3/8" Hose Joiners |



Bulk Packs: p153-155

CA90 BLANKING GROMMETS

RUBBER

| | | |
|-------|-----------|--------|
| C90-1 | 20 / pack | 5/16" |
| C90-2 | 15 | 3/8" |
| C90-3 | 15 | 1/2" |
| C90-4 | 10 | 5/8" |
| C90-5 | 10 | 3/4" |
| C90-6 | 5 | 7/8" |
| C90-7 | 8 | 1" |
| C90-8 | 8 | 1-1/8" |



Bulk Packs: page 126

CA95 BRASS MANIFOLD NUTS

| | | |
|--------|----------|--------------|
| C95-1 | 4 / pack | 1/4" UNC |
| C95-2 | 5 | 1/4" UNF |
| C95-3 | 4 | 1/4" BSF |
| C95-4 | 5 | 5/16" UNC |
| C95-5 | 6 | 5/16" BSF |
| C95-6 | 5 | 5/16" UNF |
| C95-7 | 4 | M6 x 0.75mm |
| C95-8 | 4 | M6 x 1.00mm |
| C95-9 | 4 | M8 x 1.00mm |
| C95-10 | 4 | M8 x 1.25mm |
| C95-11 | 6 | 3/8" BSF |
| C95-12 | 4 | 3/8" UNF |
| C95-13 | 12 | 3/8" UNC |
| C95-14 | 4 | M10 x 1.5mm |
| C95-15 | 4 | M10 x 1.25mm |
| C95-16 | 4 | 7/16" UNF |
| C95-17 | 4 | 7/16" UNC |



Bulk Packs: page 127

CA96 MANIFOLD STUDS & NUTS

STEEL

| | | |
|--------|----------|-------------------------|
| C96-1 | 8 / pack | 3/8 x 2" UNC Studs |
| C96-2 | 8 | M8 x 38 x 1.25mm Studs |
| C96-3 | 8 | 7/16 x 2-1/4" UNC Studs |
| C96-4 | 8 | M10 x 41 x 1.25mm Studs |
| C96-6 | 8 | M10 x 40 x 1.5mm Studs |
| C96-11 | 8 | 3/8" UNC Nuts |
| C96-12 | 8 | 8 x 1.25mm Nuts |
| C96-13 | 8 | 7/16" UNC Nuts |
| C96-14 | 8 | M10 x 1.25mm Nuts |
| C96-15 | 8 | M10 x 1.5mm Nuts |



Bulk Packs: page 127

CA98 EXPANSION PLUGS

STEEL DISC/LENS TYPE

| | | |
|--------|----------|---------|
| C98-1 | 8 / pack | 3/4" |
| C98-2 | 8 | 7/8" |
| C98-3 | 10 | 1" |
| C98-4 | 6 | 1-1/16" |
| C98-5 | 6 | 1-1/8" |
| C98-6 | 6 | 1-3/16" |
| C98-7 | 6 | 1-1/4" |
| C98-8 | 6 | 1-5/16" |
| C98-9 | 6 | 1-3/8" |
| C98-10 | 4 | 1-7/16" |
| C98-11 | 6 | 1-1/2" |
| C98-12 | 4 | 1-9/16" |
| C98-13 | 10 | 1-5/8" |
| C98-14 | 6 | 1-3/4" |
| C98-15 | 4 | 1-7/8" |
| C98-16 | 4 | 2" |



CA100 FLANGE NUTS

METRIC

| | | |
|--------|-----------|--------------|
| C100-1 | 20 / pack | M5 x 0.8mm |
| C100-2 | 40 | M6 x 1.00mm |
| C100-3 | 20 | M8 x 1.25mm |
| C100-4 | 20 | M10 x 1.25mm |
| C100-5 | 20 | M10 x 1.5mm |
| C100-6 | 10 | M12 x 1.75mm |
| C100-7 | 10 | M12 x 1.25mm |



Bulk Packs: page 148

CA101 EXTENSION SPRINGS

| | | |
|---------|----------|----------------------|
| C101-25 | 4 / pack | 4-3/4 x 1/2" x 15G |
| C101-26 | 4 | 4 x 9/16" x 16G |
| C101-27 | 4 | 3-3/4 x 1/2" x 17G |
| C101-28 | 4 | 2-1/2 x 1/2" x 17G |
| C101-29 | 4 | 3 x 7/16" x 18G |
| C101-30 | 4 | 2-1/2 x 11/32" x 20G |
| C101-31 | 4 | 3-1/8 x 11/32" x 20G |
| C101-32 | 4 | 2-7/8 x 9/32" x 21G |
| C101-33 | 4 | 2 x 9/32" x 21G |
| C101-34 | 4 | 2 x 7/32" x 24G |
| C101-35 | 4 | 1 x 7/32" x 24G |
| C101-36 | 4 | 1-1/2 x 3/16" x 26G |



Bulk Packs: page 131


REPLACEMENT PACKS

| CA102 | COMPRESSION SPRINGS | |
|---------|---------------------|---------------------|
| C102-25 | 6 / pack | 4 x 3/4" x 14G |
| C102-26 | 6 | 3-3/4 x 5/8" x 16G |
| C102-27 | 6 | 2-3/4 x 5/8" x 17G |
| C102-28 | 6 | 2 x 17/32" x 17G |
| C102-29 | 6 | 2-1/4 x 1/2" x 18G |
| C102-30 | 6 | 2-1/4 x 7/16" x 18G |
| C102-31 | 6 | 3 x 7/16" x 20G |
| C102-32 | 6 | 2-5/8 x 3/8" x 20G |
| C102-33 | 6 | 1-1/4 x 3/8" x 20G |
| C102-34 | 6 | 1-3/4 x 5/16" x 22G |
| C102-35 | 6 | 3 x 5/16" x 24G |
| C102-36 | 6 | 1-1/2 x 3/16" x 26G |

Bulk Packs: page 131


| CA103 | ACCELERATOR SPRINGS | |
|--------|---------------------|-----------------------|
| C103-1 | 4 / pack | 6-1/2 x 7/16" x 20G |
| C103-2 | 4 | 6-5/8 x 3/8" x 21G |
| C103-3 | 4 | 6-3/4 x 5/16" x 21G |
| C103-4 | 4 | 6-3/8 x 5/16" x 21G |
| C103-5 | 4 | 5-1/8 x 7/16" x 18G |
| C103-6 | 4 | 5-3/8 x 5/16" x 22G |
| C103-7 | 4 | 4-1/2 x 1/4" x 23G |
| C103-8 | 4 | 6-15/16 x 7/32" x 24G |
| C103-9 | 4 | 5-3/4 x 3/16" x 25G |

Bulk Packs: page 131

| CA105 | | FUSES | |
|-------------------------|----------|--------------------|-------------------------------------------------------------------------------------|
| GLASS, BLADE & EUROPEAN | | | |
| C105-1 | 5 / pack | 10 Amp. Blade Type |  |
| C105-2 | 5 | 15 Amp. Blade Type | |
| C105-3 | 5 | 20 Amp. Blade Type | |
| C105-4 | 5 | SFE 14 Amp. | |
| C105-5 | 5 | 8 Amp. European | |
| C105-6 | 5 | 16 Amp. European | |
| C105-9 | 5 | 3AG 10 Amp. | |
| C105-10 | 15 | 3AG 15 Amp. | |
| C105-11 | 10 | 3AG 20 Amp. | |
| C105-12 | 10 | 3AG 25 Amp. | |
| C105-13 | 10 | 3AG 30 Amp. | |
| C105-14 | 10 | 3AG 35 Amp. | |
| C105-15 | 5 | 25 Amp. European | |
| C105-16 | 5 | 3AG 3 Amp. | |


Bulk Packs: page 125

Bulk Packs: page 125

| CA106 | | WHEEL ALIGNMENT SHIMS | |
|----------|-----------|--------------------------|-------------------------------------------------------------------------------------|
| IMPERIAL | | | |
| C106-1 | 15 / pack | 1/32" Suits Ford |  |
| C106-2 | 10 | 1/16" Suits Ford | |
| C106-3 | 6 | 1/8" Suits Ford | |
| C106-4 | 20 | 1/32" Suits GM | |
| C106-5 | 20 | 1/16" Suits GM | |
| C106-6 | 7 | 1/8" Suits GM | |
| C106-7 | 10 | 1/8" Suits GM | |
| C106-8 | 10 | 1/16" Suits HK/HT Holden | |
| C106-9 | 6 | 1/8" Suits HK/HT Holden | |
| C106-10 | 10 | 1/32" Suits HQ Holden | |
| C106-11 | 10 | 1/16" Suits HQ Holden | |
| C106-12 | 7 | 1/8" Suits HQ Holden | |




Bulk Packs: [page 130](#)

Bulk Packs: page 130

| CA107 | | WHEEL ALIGNMENT SHIMS | |
|---------|----------|-----------------------|-------------------------------------------------------------------------------------|
| METRIC | | | |
| C107-1 | 5 / pack | 10 x 1mm |  |
| C107-2 | 5 | 10 x 2mm | |
| C107-3 | 5 | 10 x 3mm | |
| C107-4 | 10 | 12 x 1mm | |
| C107-5 | 10 | 12 x 2mm | |
| C107-6 | 10 | 12 x 3mm | |
| C107-7 | 10 | 14 x 1mm | |
| C107-8 | 15 | 14 x 2mm | |
| C107-9 | 10 | 14 x 3mm | |
| C107-10 | 10 | 1.5mm | |
| C107-11 | 10 | 3.0mm | |




Bulk Packs: page 130

Bulk Packs: page 130

| CA108 | | GREASE NIPPLES | |
|----------|----------|--------------------|---------------------------------------------------------------------------------------|
| IMPERIAL | | | |
| C108-1 | 8 / pack | 1/4" BSF Straight |  |
| C108-2 | 15 | 1/4" UNF Straight | |
| C108-3 | 6 | 1/4" UNF 45° | |
| C108-4 | 6 | 1/4" BSF 67-1/2° | |
| C108-5 | 6 | 5/16" BSF Straight | |
| C108-6 | 6 | 5/16" BSF 67-1/2° | |
| C108-7 | 12 | 1/8" NPT Straight | |
| C108-8 | 18 | 1/8" BSP Straight | |
| C108-9 | 6 | 1/8" NPT 67-1/2° | |
| C108-10 | 6 | 1/8" BSP 67-1/2° | |
| C108-11 | 6 | 1/8" NPT 90° |  |
| C108-12 | 6 | 1/8" BSP 90° | |
| C108-15 | 6 | 1/4" UNF x 1-1/4" |  |
| C108-16 | 3 | 1/4" BSP Straight | |
| C108-17 | 3 | 1/4" UNF 90° | |


Bulk Packs: page 125

Bulk Packs: page 125

| CA109 | | GREASE NIPPLES | |
|---------|-----------|----------------------|---------------------------------------------------------------------------------------|
| METRIC | | | |
| C109-1 | 40 / pack | 6 x 1mm Straight |  |
| C109-2 | 7 | 6 x 1mm Self-Tapping | |
| C109-3 | 10 | 6 x 1mm 45° | |
| C109-4 | 8 | 6 x 1mm 90° | |
| C109-5 | 8 | 8 x 1mm Straight |  |
| C109-7 | 5 | 8 x 1mm 45° | |
| C109-8 | 5 | 8 x 1mm 90° | |
| C109-9 | 5 | 8 x 1.25mm Straight | |
| C109-11 | 5 | 8 x 1.25mm 90° |  |
| C109-12 | 4 | 10 x 1mm Straight | |
| C109-13 | 4 | 10 x 1mm 45° | |
| C109-14 | 4 | 10 x 1mm 90° | |





Bulk Packs: page 125

Bulk Packs: page 125


| CA110 | | FUSES | |
|--------|-----------|----------|---------------------------------------------------------------------------------------|
| BLADE | | | |
| C110-1 | 10 / pack | 3 Amp. |  |
| C110-2 | 10 | 5 Amp. | |
| C110-3 | 10 | 7.5 Amp. | |
| C110-4 | 10 | 10 Amp. | |
| C110-5 | 25 | 15 Amp. | |
| C110-6 | 25 | 20 Amp. | |
| C110-7 | 10 | 25 Amp. | |
| C110-8 | 10 | 30 Amp. | |

Bulk Packs: page 125

Bulk Packs: page 125

| CA111 | | FUSES | | |
|--------------------|-----------|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| LOW PROFILE MINI | | | | |
| C111-1 | 15 / pack | 3 Amp. |  | |
| C111-2 | 15 | 5 Amp. | | |
| C111-3 | 15 | 7.5 Amp. | | |
| C111-4 | 15 | 10 Amp. | | |
| C111-5 | 15 | 15 Amp. | | |
| C111-6 | 15 | 20 Amp. | | |
| C111-7 | 15 | 25 Amp. | | |
| C111-8 | 15 | 30 Amp. | | |
| CA112 | | FUSES | | |
| MINI BLADE | | | | |
| C112-1 | 15 / pack | 3 Amp. |  | |
| C112-2 | 15 | 5 Amp. | | |
| C112-3 | 15 | 7.5 Amp. | | |
| C112-4 | 15 | 10 Amp. | | |
| C112-5 | 15 | 15 Amp. | | |
| C112-6 | 15 | 20 Amp. | | |
| C112-7 | 15 | 25 Amp. | | |
| C112-8 | 15 | 30 Amp. | | |
| CA113 | | FUSES | | |
| AF CIRCUIT BREAKER | | | | |
| C113-1 | 5 / pack | 5 Amp. |  | |
| C113-2 | 5 | 7.5 Amp. | | |
| C113-3 | 5 | 10 Amp. | | |
| C113-4 | 5 | 15 Amp. | | |
| C113-5 | 5 | 20 Amp. | | |
| C113-6 | 5 | 25 Amp. | | |
| C113-7 | 5 | 30 Amp. | | |
| CA115 | | 'O' RINGS | | |
| IMPERIAL | | | | |
| | | I.D. | SECTION |  |
| C115-1 | 10 / pack | 3/16" | 1/16" | |
| C115-2 | 10 | 1/4" | 1/16" | |
| C115-3 | 10 | 5/16" | 1/16" | |
| C115-4 | 10 | 3/8" | 1/16" | |
| C115-5 | 10 | 3/8" | 3/32" | |
| C115-6 | 10 | 7/16" | 3/32" | |
| C115-7 | 10 | 1/2" | 3/32" | |
| C115-8 | 10 | 9/16" | 3/32" | |
| C115-9 | 10 | 5/8" | 3/32" | |
| C115-10 | 5 | 11/16" | 3/32" | |
| C115-11 | 5 | 3/4" | 1/8" | |
| C115-12 | 5 | 13/16" | 1/8" | |
| C115-13 | 5 | 7/8" | 1/8" | |
| C115-14 | 5 | 1" | 1/8" | |
| | | | | Bulk Packs: page 128 |

Bulk Packs: page 128


| CA116 | | 'O' RINGS | |
|-----------------------------------|-----------|-----------------------|---------------------------------------------------------------------------------------|
| METRIC | | | |
| | | I.D. | SECTION |
| C116-1 | 10 / pack | 5mm | 2mm |
| C116-2 | 10 | 6mm | 2mm |
| C116-3 | 10 | 7mm | 2mm |
| C116-4 | 10 | 8mm | 2mm |
| C116-5 | 10 | 9mm | 2mm |
| C116-6 | 10 | 11mm | 2.5mm |
| C116-7 | 10 | 13mm | 2.5mm |
| C116-8 | 10 | 14mm | 2.5mm |
| C116-9 | 10 | 16mm | 2.5mm |
| C116-10 | 10 | 17mm | 2.5mm |
| C116-11 | 10 | 19mm | 2.5mm |
| C116-12 | 5 | 20mm | 3.5mm |
| C116-13 | 5 | 22mm | 3.5mm |
| C116-14 | 5 | 23mm | 3.5mm |
| C116-15 | 5 | 25mm | 3.5mm |
| <i>Bulk Packs: page 128</i> | | | |
| CA118 | | 'O' RING | |
| VITON – HIGH TEMP & HIGH PRESSURE | | | |
| | | I.D. | SECTION |
| C118-1 | 10 / pack | 7/32" | 1/16" |
| C118-2 | 10 | 1/4" | 1/16" |
| C118-3 | 10 | 5/16" | 1/16" |
| C118-4 | 10 | 3/8" | 1/16" |
| C118-5 | 10 | 3/8" | 3/32" |
| C118-6 | 10 | 7/16" | 3/32" |
| C118-7 | 10 | 1/2" | 3/32" |
| C118-8 | 10 | 9/16" | 3/32" |
| C118-9 | 10 | 3/4" | 1/8" |
| C118-10 | 10 | 13/16" | 1/8" |
| C118-11 | 5 | 7/8" | 1/8" |
| C118-12 | 5 | 1" | 1/8" |
| <i>Bulk Packs: page 128</i> | | | |
| CA120 | | UNF SET SCREWS & NUTS | |
| HIGH TENSILE | | | |
| C120-1 | 5 / pack | 1/4 x 1/2" |  |
| C120-2 | 5 | 1/4 x 3/4" | |
| C120-3 | 5 | 1/4 x 1" | |
| C120-4 | 5 | 1/4 x 1-1/2" | |
| C120-5 | 5 | 5/16 x 3/4" | |
| C120-6 | 5 | 5/16 x 1" | |
| C120-7 | 3 | 5/16 x 1-1/4" | |
| C120-8 | 5 | 5/16 x 1-1/2" | |
| C120-9 | 5 | 3/8 x 1" | |
| C120-10 | 5 | 3/8 x 1-1/4" | |
| C120-11 | 5 | 3/8 x 1-1/2" | |
| C120-12 | 20 | 1/4" Nuts | |
| C120-13 | 20 | 5/16" Nuts | |
| C120-14 | 20 | 3/8" Nuts | |
| <i>Bulk Packs: page 151</i> | | | |


Bulk Packs: page 128

Bulk Packs: page 128


Bulk Packs: page 151

REPLACEMENT PACKS


| CA124 CABLE CLAMPS & TIE MOUNTS | | | |
|-------------------------------------------|-----------|---------------------|-----------------------------------------------------------------------------------|
| NYLON CABLE 'P' CLAMPS & CABLE TIE MOUNTS | | | |
| C124-1 | 20 / pack | 4.8mm Cable Clamps |  |
| C124-2 | 20 | 6.3mm Cable Clamps | |
| C124-3 | 15 | 7.9mm Cable Clamps | |
| C124-4 | 12 | 9.5mm Cable Clamps | |
| C124-5 | 15 | 12.7mm Cable Clamps | |
| C124-6 | 15 | 15.8mm Cable Clamps | |
| C124-7 | 15 | 3.5mm Tie Mounts | |
| C124-8 | 12 | 5mm Tie Mounts | |


| CA125 UNC SET SCREWS & NUTS | | | |
|-----------------------------|----------|---------------|------------------------------------------------------------------------------------|
| HIGH TENSILE | | | |
| C125-1 | 5 / pack | 1/4 x 1-1/2" |  |
| C125-2 | 5 | 5/16 x 1-1/2" | |
| C125-3 | 5 | 3/8 x 1" | |
| C125-4 | 5 | 3/8 x 1-1/2" | |
| C125-5 | 5 | 1/4 x 1/2" | |
| C125-6 | 5 | 1/4 x 3/4" | |
| C125-7 | 5 | 1/4 x 1" | |
| C125-8 | 5 | 5/16 x 3/4" | |
| C125-9 | 5 | 5/16 x 1" | |
| C125-10 | 3 | 5/16 x 1-1/4" | |
| C125-11 | 5 | 3/8 x 1-1/4" | |
| C125-12 | 20 | 1/4" Nuts | |
| C125-13 | 20 | 5/16" Nuts | |
| C125-14 | 20 | 3/8" Nuts | |

Bulk Packs: page 150

| CA126 SELF-LOCKING NUTS | | | |
|-------------------------|-----------|--------------------|-------------------------------------------------------------------------------------|
| NYLON INSERT, UNC & UNF | | | |
| C126-1 | 15 / pack | 3/16" UNC |  |
| C126-2 | 15 | 1/4" UNC | |
| C126-3 | 10 | 5/16" UNC | |
| C126-4 | 8 | 3/8" UNC | |
| C126-5 | 5 | 7/16" UNC | |
| C126-6 | 3 | 1/2" UNC | |
| C126-7 | 20 | 3/16" (10/32") UNF | |
| C126-8 | 25 | 1/4" UNF | |
| C126-9 | 10 | 5/16" UNF | |
| C126-10 | 10 | 3/8" UNF | |
| C126-11 | 5 | 7/16" UNF | |
| C126-12 | 5 | 1/2" UNF | |

Bulk Packs: page 152


| CA132 BRASS FITTINGS | | | |
|----------------------------------------------|--------|----------------------------|-------------------------------------------------------------------------------------|
| OLIVES, UNIONS, FLARE NUTS & REDUCING BUSHES | | | |
| Assortment contents listed below | | | |
| 103 | 20 qty | 1/4" Compress Olive |  |
| 104 | 20 | 5/16" Compress Olive | |
| 203 | 5 | 1/4" Std Compress Nut | |
| 204 | 5 | 5/16" Std Compress Nut | |
| 304 | 3 | 1/4 x 1/8" Single Union M | |
| 307 | 3 | 5/16 x 1/8" Single Union M | |
| 403 | 2 | 1/4 x 1/4" Double Union M | |
| 404 | 2 | 5/16 x 5/16" Dbl Union M | |
| 504 | 2 | 1/4 x 1/8" Male Elbow 90° | |

| CA132 BRASS FITTINGS <i>Continued</i> | | | |
|----------------------------------------------|-------|------------------------------|--------------------------------------------------------------------------------------|
| OLIVES, UNIONS, FLARE NUTS & REDUCING BUSHES | | | |
| Assortment contents listed below | | | |
| 507 | 2 qty | 5/16 x 1/8" Male Elbow 90° |  |
| 603 | 3 | 1/4" Standard Flare Nut | |
| 605 | 3 | 5/16" Standard Flare Nut | |
| 706 | 2 | 1/4 x 1/8" Single Fl. Union | |
| 710 | 2 | 5/16 x 1/8" Single Fl. Union | |
| 804 | 2 | 1/4 x 1/8" Flare Elbow 90° | |
| 808 | 2 | 5/16 x 1/8" Fl. Elbow 90° | |
| 2102 | 2 | 3/16 Nut (Dole Pattern) | |
| 2103 | 3 | 1/4 Nut" (Dole Pattern) | |
| 2104 | 2 | 5/16 Nut" (Dole Pattern) | |
| 2202 | 2 | 3/16 x 1/8" Body (Dole) | |
| 2204 | 2 | 1/4 x 1/8" Body (Dole) | |
| 2205 | 2 | 5/16 x 1/8" Body (Dole) | |
| 2302 | 1 | 3/16 x 1/8" Elbow (Dole) | |
| 2303 | 2 | 1/4 x 1/8" Elbow (Dole) | |
| 2304 | 1 | 5/16 x 1/8" Elbow (Dole) | |
| 2401 | 3 | 1/4 x 1/8" Reducing Bush | |
| 5802 | 2 | 3/16" Brass Nut Inv. Flare | |
| 5803 | 2 | 1/4" Brass Nut Inv. Flare | |
| 5804 | 2 | 5/16" Brass Nut Inv. Flare | |
| 5902 | 1 | 3/16 x 1/8" Elbow Inv. Flare | |
| 5903 | 2 | 1/4 x 1/8" Elbow Inv. Flare | |
| 5905 | 1 | 5/16 x 1/8" Elbow Inv. Flare | |
| 6001 | 3 | 1/4 x 1/2 x 20TPI Carb Nut | |

Bulk Packs: p153-155


| CA134 BRASS FITTINGS | | | |
|---------------------------------------|--------|------------------------------|---------------------------------------------------------------------------------------|
| SINGLE & DOUBLE UNIONS, NUTS & ELBOWS | | | |
| Assortment contents listed below | | | |
| 103 | 30 qty | 1/4" Compression Olive |  |
| 104 | 30 | 5/16" Compression Olive | |
| 203 | 5 | 1/4" Std Compression Nut | |
| 204 | 5 | 5/16" Std Compress Nut | |
| 304 | 2 | 1/4 x 1/8" Male Single Union | |
| 307 | 2 | 5/16 x 1/8" M Single Union | |
| 403 | 2 | 1/4 x 1/4" Male Double Union | |
| 404 | 2 | 5/16 x 5/16" Male Dbl Union | |
| 504 | 2 | 1/4 x 1/8" Male Elbow 90° | |
| 507 | 2 | 5/16 x 1/8" Male Elbow 90° | |
| 603 | 3 | 1/4" Standard Flare Nut | |
| 605 | 3 | 5/16" Standard Flare Nut | |
| 706 | 2 | 1/4 x 1/8" Single Fl. Union | |
| 710 | 2 | 5/16 x 1/8" Single Fl. Union | |
| P301 | 2 | 3/16 x 1/8" Male Barb | |
| P302 | 3 | 1/4 x 1/8" Male Barb | |
| P303 | 3 | 5/16 x 1/8" Male Barb | |
| P304 | 1 | 3/8 x 1/8" Male Barb | |
| P501 | 2 | 3/16 x 3/16" Nut & Tail | |
| P503 | 3 | 1/4 x 1/8" Nut & Tail | |
| P505 | 3 | 5/16 x 5/16" Nut & Tail | |
| P506 | 1 | 3/8 x 3/8" Nut & Tail | |

Bulk Packs: p153-155



| CA140 DRAIN (SUMP) PLUG WASHERS | | | |
|---------------------------------|-----------|--------------------------|---------------------------------------------------------------------------------------|
| C140-1 | 10 / pack | 12 x 24 x 2.00 Wht Fibre |  |
| C140-2 | 10 | 16 x 22 x 2.00 Wht Fibre | |
| C140-3 | 5 | 18 x 28 x 2.00 Wht Fibre | |
| C140-4 | 5 | 25 x 35 x 2.00 Wht Fibre | |

| CA140 | DRAIN (SUMP) PLUG WASHERS <i>Continued</i> | |
|---------|--------------------------------------------|----------------------------|
| C140-5 | 10 / pack | 12 x 18 x 1.5 Aluminium |
| C140-6 | 10 | 14 x 20 x 1.5 Aluminium |
| C140-7 | 10 | 18 x 24 x 1.5 Aluminium |
| C140-8 | 10 | 12 x 24 x 2.00 Blk Fibre |
| C140-9 | 10 | 18 x 28 x 2.00 Blk Fibre |
| C140-10 | 6 | 12 x 18 x 2.00 Copp. Crush |
| C140-11 | 6 | 16 x 22 x 2.00 Copp. Crush |
| C140-12 | 10 | 24 x 30 x 1.8 Aluminium |

Bulk Packs: page 133

| CA150 | | FIBRE DRAIN (SUMP) PLUG WASHERS – 3/32" | |
|-------------------|-----------|-----------------------------------------|-----------------------------------------------------------------------------------|
| IMPERIAL & METRIC | | | |
| C150-1 | 40 / pack | 1/2 x 3/4" |  |
| C150-2 | 10 | 5/8 x 7/8" | |
| C150-3 | 30 | 3/4 x 1-1/8" | |
| C150-4 | 10 | 13/16 x 1-1/16" | |
| C150-5 | 10 | 7/8 x 1-1/4" | |
| C150-6 | 10 | 1 x 1-3/8" | |
| C150-8 | 3 | 18 x 27mm | |
| C150-9 | 10 | 30 x 38mm | |
| C150-10 | 10 | 14 x 20mm | |
| C150-11 | 10 | No.1 O/S Plug | |
| | | | |

Bulk Packs: page 133

| CA155 | CIRCLIPS | | |
|-------------------------------|-----------|----------------|-------------------------------------------------------------------------------------|
| IMPERIAL, EXTERNAL & INTERNAL | | | |
| C155-1 | 20 / pack | 1/4" External |  |
| C155-2 | 20 | 5/16" External | |
| C155-3 | 20 | 3/8" External | |
| C155-4 | 20 | 7/16" External | |
| C155-5 | 20 | 1/2" External | |
| C155-6 | 10 | 5/8" External | |
| C155-7 | 5 | 3/4" External | |
| C155-8 | 5 | 7/8" External | |
| C155-9 | 5 | 1" External | |
| C155-10 | 10 | 1/2" Internal |  |
| C155-11 | 5 | 5/8" Internal | |
| C155-12 | 5 | 3/4" Internal | |
| C155-13 | 5 | 7/8" Internal | |
| C155-14 | 5 | 1" Internal | |


Bulk Packs: page 124

CA161

WIRING TERMINALS

INSULATED CRIMP TYPE

| | | |
|---------|-----------|------------------------|
| C161-1 | 14 / pack | 320WF Blue |
| C161-2 | 12 | 309WF Red |
| C161-3 | 6 | KSR100 Red Wire Tap |
| C161-4 | 6 | KSB100 Blue Wire Tap |
| C161-5 | 14 | 320M Blue Tab |
| C161-6 | 12 | 309M Red Tab |
| C161-7 | 10 | TG2 Blue Butt Splice |
| C161-8 | 5 | TG1 Red Butt Splice |
| C161-9 | 5 | TG3 Yellow Butt Splice |
| C161-10 | 10 | 153V Quick Conn Adapt. |
| C161-11 | 15 | 13-5 Red Ring |
| C161-12 | 12 | 22-5 Blue Ring |
| C161-13 | 10 | 22Y-4 Blue Spade |
| C161-14 | 5 | 53-8 Yellow Ring |



Bulk Packs: page 135

Bulk Packs: page 135

| CA177 | WOODRUFF KEYS | | |
|---------|---------------|---------------|------|
| C177-1 | 12 / pk | 1/2 x 3/32" | WK2 |
| C177-2 | 24 | 1/2 x 1/8" | WK3 |
| C177-3 | 24 | 5/8 x 1/8" | WK5 |
| C177-4 | 12 | 5/8 x 5/32" | WK6 |
| C177-5 | 12 | 3/4 x 1/8" | WK7 |
| C177-6 | 12 | 3/4 x 3/16" | WK9 |
| C177-7 | 12 | 3/4 x 5/32" | WK8 |
| C177-8 | 12 | 7/8 x 3/16" | WK11 |
| C177-9 | 12 | 1 x 3/16" | WK13 |
| C177-10 | 12 | 1 x 1/4" | WK15 |
| C177-11 | 6 | 1-1/8 x 3/16" | WK16 |
| C177-12 | 6 | 1-1/8 x 1/4" | WK18 |
| C177-13 | 3 | 1-1/4 x 1/4" | WK21 |
| C177-14 | 6 | 7/8 x 1/4" | WKA |
| C177-15 | 6 | 1-1/8 x 5/16" | WKC |
| C177-16 | 3 | 1-1/4 x 5/16" | WKD |
| C177-17 | 3 | 1-1/4 x 3/8" | WKE |

Bulk Packs: p135


| | |
|----------------------------------------------------------------|----------------|
| CA178 | BRASS FITTINGS |
| SINGLE & DOUBLE UNIONS, DOLE NUTS, M/F ELBOWS, NIPPLES & PLUGS | |

Assortment contents listed below


| | | |
|-------|--------|------------------------------------|
| 101 | 10 qty | 101 Suit 1/8" Copper |
| 102 | 20 | 3/16" Sleeve Compression |
| 201 | 3 | 1/8 Std Compression Nut |
| 202 | 5 | 3/16 Std Compression Nut |
| 2101 | 3 | 1/8" Nut (Dole Pattern) |
| 2501E | 3 | 1/8 x 1/8" M&F Elbow (Extr.) |
| 2601 | 3 | 1/8" Hexagon Socket |
| 2602 | 2 | 1/4" Hexagon Socket |
| 2701 | 2 | 1/8" BSP Hex Nipple |
| 2702 | 2 | 1/4" BSP Hex Nipple |
| 2901 | 3 | 1/4 x 1/8" Hex Reducing Nipple |
| 301 | 3 | 1/8 x 1/8" Single Union Male |
| 302 | 5 | 3/16 x 1/8" Single Union Male |
| 401 | 2 | 1/8 x 1/8" Double Union Male |
| 402 | 4 | 3/16 x 3/16" Double Union Male |
| 4401 | 3 | 1/8" Tail (Solder-On) |
| 4402 | 5 | 3/16" Tail (Solder-On) |
| 4403 | 10 | 1/4" Tail (Solder-On) |
| 4404 | 10 | 5/16" Tail (Solder-On) |
| 4405 | 5 | 3/8" Tail (Solder-On) |
| 4501 | 3 | 1/8" Nut (Solder-On) |
| 4502 | 3 | 3/16" Nut (Solder-On) |
| 4503 | 10 | 1/4" Nut (Solder-On) |
| 4504 | 10 | 5/16" Nut (Solder-On) |
| 4505 | 5 | 3/8" Nut (Solder-On) |
| 4603 | 2 | 1/4 x 1/8" Single Union Solder-On |
| 4605 | 2 | 5/16 x 1/8" Single Union Solder-On |
| 4703 | 2 | 1/4" Double Union (Solder-On) |
| 4704 | 2 | 5/16" Double Union (Solder-On) |
| 6401 | 5 | 1/8" Plug (Taper) |
| 6402 | 3 | 1/4 BSP Taper Plug Solid |
| 7101 | 5 | 1/8 x 1/2" Tank Collar |

Bulk Packs: p153-155


REPLACEMENT PACKS


| CA196 | | SET SCREWS & NUTS | |
|----------------------|---------|-------------------|-----------------------------------------------------------------------------------|
| METRIC, HIGH TENSILE | | | |
| C196-1 | 20 / pk | M4 x 20mm |  |
| C196-2 | 10 | M5 x 25mm | |
| C196-3 | 5 | M5 x 35mm | |
| C196-4 | 10 | M6 x 16mm | |
| C196-5 | 10 | M6 x 20mm | |
| C196-6 | 10 | M6 x 25mm | |
| C196-7 | 10 | M6 x 40mm | |
| C196-8 | 10 | M8 x 20mm | |
| C196-9 | 8 | M8 x 25mm | |
| C196-10 | 5 | M8 x 35mm | |
| C196-11 | 5 | M8 x 40mm | |
| C196-12 | 8 | M8 x 50mm | |
| C196-13 | 5 | M10 x 30mm | |
| C196-14 | 30 | M8 x 1.25 Nuts | |
| C196-15 | 20 | M4 x 0.7 Nuts | |
| C196-16 | 15 | M5 x 0.8 Nuts | |
| C196-17 | 40 | M6 x 1.00 Nuts | |


Bulk Packs: page 142

| CA200 | | FLANGE HEAD HEX SET SCREWS & NUTS | |
|----------------------------------|-------|-----------------------------------|-------------------------------------------------------------------------------------|
| Assortment contents listed below | | |  |
| 961125100025FB | 5 qty | 10 x 25 x 1.25 | |
| 961125100035FB | 4 | 10 x 35 x 1.25 | |
| 961125100040FB | 5 | 10 x 40 x 1.25 | |
| 961125100050FB | 3 | 10 x 50 x 1.25 | |
| M93305016FB | 10 | 5 x 16 8AF | |
| M93305025FB | 10 | 5 x 25 8AF | |
| M933060016FB | 10 | 6 x 16 10AF | |
| M933060020FB | 10 | 6 x 20 10AF | |
| M933060030FB | 8 | 6 x 30 10AF | |
| M933060040FB | 5 | 6 x 40 10AF | |
| M933080016FB | 8 | 8 x 16 12AF | |
| M933080020FB | 8 | 8 x 20 12AF | |
| M933080030FB | 8 | 8 x 30 12AF | |
| M933080050FB | 5 | 8 x 50 12AF | |
| M93405008 | 20 | M5 x 0.8 Nuts | |
| M93406100 | 33 | M6 x 1.00 Nuts | |
| M93408125-12AF | 33 | M8 x 1.25 12AF Nuts | |
| M93410125-14AF | 17 | M10 x 1.25 14AF Nuts | |


Bulk Packs: page 145

| CA212 | | 'O' RINGS – HIGH PRESSURE SERIES | | | |
|-----------------------------|---------|----------------------------------|---------------|---------|-------------------------------------------------------------------------------------|
| NITRILE, IMPERIAL, 90 SHORE | | | | | |
| | | TUBE (REF) | CROSS I.D. | SECTION |  |
| C212-1 | 10 / pk | 3/32" | .185 | .056 | |
| C212-2 | 10 | 1/8" | .239 | .064 | |
| C212-3 | 10 | 3/16" | .301 | .064 | |
| C212-4 | 10 | 1/4" | .351 | .072 | |
| C212-5 | 12 | 5/16" | .414 | .072 | |
| C212-6 | 12 | 3/8" | .468 | .078 | |

| CA212 | | 'O' RINGS – HIGH PRESSURE SERIES | | | Continued |
|-----------------------------|-----------|----------------------------------|---------------|---------|-------------------------------------------------------------------------------------|
| NITRILE, IMPERIAL, 90 SHORE | | | | | |
| | | TUBE (REF) | CROSS I.D. | SECTION |  |
| C212-7 | 12 / pack | 7/16" | .530 | .082 | |
| C212-8 | 12 | 1/2" | .644 | .087 | |
| C212-9 | 12 | 9/16" | .706 | .097 | |
| C212-10 | 12 | 5/8" | .755 | .097 | |
| C212-11 | 10 | 11/16" | .863 | .116 | |
| C212-12 | 10 | 3/4" | .924 | .116 | |
| C212-13 | 10 | 13/16" | .986 | .116 | |
| C212-14 | 10 | 7/8" | 1.047 | .116 | |
| C212-16 | 10 | 1" | 1.171 | .116 | |
| C212-18 | 10 | 1-1/8" | 1.355 | .116 | |
| C212-20 | 10 | 1-1/4" | 1.475 | .118 | |
| C212-24 | 10 | 1-1/2" | 1.720 | .118 | |
| C212-28 | 10 | 1-3/4" | 2.090 | .118 | |
| C212-32 | 10 | 2" | 2.337 | .118 | |

| CA225 | | COPPER WASHERS | |
|---------------------|-----------|-----------------|---------------------------------------------------------------------------------------|
| IMPERIAL, 20G THICK | | | |
| C225-1 | 35 / pack | 1/4 x 9/16" |  |
| C225-2 | 35 | 5/16 x 5/8" | |
| C225-3 | 40 | 3/8 x 3/4" | |
| C225-4 | 30 | 7/16 x 13/16" | |
| C225-5 | 40 | 1/2 x 7/8" | |
| C225-6 | 20 | 9/16 x 15/16" | |
| C225-7 | 20 | 5/8 x 1" | |
| C225-8 | 10 | 11/16 x 1-1/16" | |
| C225-9 | 15 | 3/4 x 1-1/8" | |
| C225-10 | 5 | 3/16 x 1-3/16" | |
| C225-11 | 5 | 7/8 x 1-3/8" | |
| C225-12 | 5 | 1 x 1-1/2" | |

Bulk Packs: page 133

| CA226 | | FUEL INJECTION COPPER WASHERS | |
|---------|-----------|-------------------------------|---------------------------------------------------------------------------------------|
| C226-1 | 25 / pack | 6 x 10 x 1mm |  |
| C226-2 | 25 | 8 x 12 x 1mm | |
| C226-3 | 25 | 8 x 14 x 1mm | |
| C226-4 | 25 | 10 x 14 x 1mm | |
| C226-5 | 25 | 10 x 16 x 1mm | |
| C226-6 | 25 | 12 x 16 x 1.5mm | |
| C226-7 | 25 | 12 x 18 x 1.5mm | |
| C226-8 | 25 | 14 x 18 x 1.5mm | |
| C226-9 | 25 | 14 x 20 x 1.5mm | |
| C226-10 | 25 | 16 x 20 x 1.5mm | |
| C226-11 | 25 | 16 x 22 x 1.5mm | |
| C226-12 | 10 | 18 x 24 x 1.5mm | |
| C226-13 | 10 | 20 x 26 x 1.5mm | |
| C226-14 | 10 | 26 x 31 x 2mm | |

Bulk Packs: page 133

| CA228 MACHINE SCREWS & NUTS | | |
|-----------------------------------------------|-----------|----------------|
| FINE THREAD ROUND HEAD SLOTTED, NICKEL PLATED | | |
| C228-1 | 18 / pack | 6/40 x 1/2" |
| C228-2 | 18 | 6/40 x 3/4" |
| C228-3 | 24 | 6/40 x 1" |
| C228-4 | 18 | 8/36 x 1/2" |
| C228-5 | 18 | 8/36 x 3/4" |
| C228-6 | 24 | 8/36 x 1" |
| C228-7 | 24 | 8/36 x 1-1/4" |
| C228-8 | 24 | 10/32 x 1/2" |
| C228-9 | 24 | 10/32 x 1" |
| C228-10 | 18 | 10/32 x 1-1/4" |
| C228-11 | 18 | 10/32 x 1-1/2" |
| C228-12 | 24 | 6/40" Nuts |
| C228-13 | 24 | 8/36" Nuts |
| C228-14 | 24 | 10/32" Nuts |



| CA240 CONNECTOR BLOCKS | | |
|------------------------|-----------|----------------------------|
| C240-1 | 10 / pack | 2 Pole Male |
| C240-2 | 10 | 2 Pole Female |
| C240-3 | 20 | 4 Pole Male |
| C240-4 | 20 | 4 Pole Female |
| C240-5 | 30 | 6 Pole Male |
| C240-6 | 30 | 6 Pole Female |
| C240-7 | 40 | 8 Pole Male |
| C240-8 | 40 | 8 Pole Female |
| C240-9 | 100 | Blade Male Replace Term. |
| C240-10 | 100 | Spade Female Replace Term. |



| CA252 MACHINE SCREWS & NUTS | | |
|-----------------------------------------|-----------|---------------|
| MUSHROOM HEAD SLOTTED, UNC, ZINC PLATED | | |
| C252-1 | 36 / pack | 3/16 x 1/2" |
| C252-2 | 36 | 3/16 x 3/4" |
| C252-3 | 36 | 3/16 x 1" |
| C252-4 | 36 | 3/16 x 1-1/2" |
| C252-5 | 36 | 1/4 x 3/4" |
| C252-6 | 24 | 1/4 x 1" |
| C252-7 | 24 | 1/4 x 1-1/4" |
| C252-8 | 24 | 1/4 x 1-1/2" |
| C252-9 | 24 | 3/16" Nuts |
| C252-10 | 24 | 1/4" Nuts |



Bulk Packs: page 129

| CA270 SELF-LOCKING NUTS | | |
|-------------------------|-----------|--------------|
| C270-1 | 50 / pack | M5 x 0.8mm |
| C270-2 | 50 | M6 x 1.00mm |
| C270-3 | 20 | M8 x 1.00mm |
| C270-4 | 25 | M8 x 1.25mm |
| C270-5 | 20 | M10 x 1.00mm |
| C270-6 | 25 | M10 x 1.25mm |
| C270-7 | 25 | M10 x 1.50mm |
| C270-8 | 20 | M12 x 1.25mm |
| C270-9 | 15 | M12 x 1.50mm |
| C270-10 | 20 | M12 x 1.75mm |



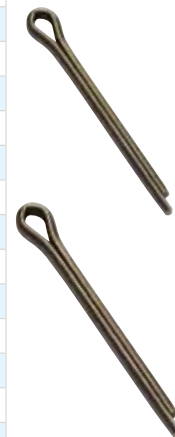
Bulk Packs: page 148

| CA276 SHIM STEEL WASHERS | | |
|--------------------------|-----------|------------------|
| .006" THICK | | |
| C276-1 | 18 / pack | 5/8 x 1-1/8" |
| C276-2 | 24 | 3/4 x 1-7/16" |
| C276-3 | 18 | 7/8 x 1-5/8" |
| C276-4 | 24 | 27/32 x 1-5/16" |
| C276-6 | 6 | 1 x 2" |
| C276-10 | 12 | 25/32 x 1-5/16" |
| C276-12 | 12 | 1-1/8 x 1-5/8" |
| C276-13 | 6 | 1-3/8 x 1-3/4" |
| C276-15 | 12 | 3/4 x 1-1/16" |
| C276-16 | 12 | 15/16 x 1-5/8" |
| C276-17 | 12 | 7/8 x 1-7/16" |
| C276-18 | 12 | 13/16 x 1-7/16" |
| C276-19 | 18 | 7/8 x 1-9/16" |
| C276-20 | 6 | 15/16 x 1-3/4" |
| C276-21 | 18 | 1-1/8 x 1-13/16" |
| C276-22 | 6 | 1-1/32 x 1-5/8" |
| C276-23 | 6 | 25/32 x 1-1/4" |
| C276-24 | 6 | 29/32 x 1-1/2" |
| C276-25 | 6 | 3/4 x 1-5/8" |
| C276-27 | 6 | 19/64 x 1-27/32" |
| C276-36 | 12 | 3/4 x 1-3/8" |
| C276-38 | 24 | 1-1/16 x 1-1/8" |



| CA280 SPLIT PINS | | |
|------------------|----------|-------------|
| LARGE SIZES | | |
| CPS10100 | 5 / pack | 3/8 x 4" |
| CPS10150 | 2 | 3/8 x 6" |
| CPS13150 | 1 | 1/2 x 6" |
| CPS50040 | 10 | 5.0 x 40mm |
| CPS50050 | 10 | 5.0 x 50mm |
| CPS50100 | 10 | 5.0 x 100mm |
| CPS60050 | 10 | 6.0 x 50mm |
| CPS60100 | 10 | 6.0 x 100mm |
| CPS63050 | 10 | 6.3 x 50mm |
| CPS63100 | 5 | 6.3 x 100mm |
| CPS63120 | 5 | 6.3 x 120mm |
| CPS80080 | 5 | 8.0 x 80mm |
| CPS80100 | 5 | 8.0 x 100mm |
| CPS80150 | 5 | 8.0 x 150mm |

Bulk Packs: page 131



| CA290 MACHINE SCREWS & NUTS | | |
|--------------------------------------|-----------|---------------|
| ROUND HEAD SLOTTED, BSW, ZINC PLATED | | |
| C290-1 | 48 / pack | 1/8 x 3/4" |
| C290-2 | 48 | 1/8 x 1-1/4" |
| C290-3 | 48 | 3/16 x 3/4" |
| C290-4 | 48 | 3/16 x 1" |
| C290-5 | 24 | 3/16 x 1-1/2" |
| C290-6 | 24 | 1/4 x 1" |
| C290-7 | 24 | 1/4 x 1-1/2" |
| C290-8 | 24 | 1/4 x 2" |
| C290-9 | 24 | 1/8" Nuts |
| C290-10 | 24 | 3/16" Nuts |
| C290-11 | 24 | 1/4" Nuts |



REPLACEMENT PACKS

| CA300 | | HEX NUTS |
|-----------------------------------|--------|------------------------|
| METRIC, PLAIN & SELF-LOCKING NUTS | | |
| C300-1 | 50 /pk | M3 x 0.5 Plain |
| C300-2 | 50 | M4 x 0.7 Plain |
| C300-3 | 50 | M5 x 0.8 Plain |
| C300-4 | 30 | M6 x 1.00 Plain |
| C300-5 | 20 | M7 x 1.00 Plain |
| C300-6 | 15 | M8 x 1.25 Plain |
| C300-7 | 20 | M10 x 1.5 Plain |
| C300-8 | 25 | M4 x 0.7 Self-Locking |
| C300-9 | 20 | M5 x 0.8 Self-Locking |
| C300-10 | 20 | M6 x 1.00 Self-Locking |
| C300-11 | 10 | M8 x 1.25 Self-Locking |
| C300-12 | 10 | M10 x 1.5 Self-Locking |

Bulk Packs: page 152

| CA302 | | MOTORCYCLE FASTENERS |
|----------------------------------|--------|-----------------------------|
| Assortment contents listed below | | |
| ESW4 | 20 qty | 1/4" Ext. Star Washers |
| ESW5 | 10 | 5/16" Ext. Star Washers |
| M8406016 | 5 | M6 x 16 Pan x Rec Screws |
| M8406020 | 5 | M6 x 20 Pan x Rec Screws |
| M8406030 | 5 | M6 x 30 Pan x Rec Screws |
| M8406040 | 5 | M6 x 40 Pan x Rec Screws |
| M8406050 | 5 | M6 x 50 Pan x Rec Screws |
| M8406070 | 5 | M6 x 70 Pan x Rec Screws |
| M8406080 | 5 | M6 x 80 Pan x Rec Screws |
| M91206010 | 5 | M6 x 10 Socket Hd Cap Screw |
| M91206016 | 5 | M6 x 16 Socket Hd Cap Screw |
| M91206020 | 5 | M6 x 20 Socket Hd Cap Screw |
| M91206025 | 5 | M6 x 25 Socket Hd Cap Screw |
| M91206035 | 5 | M6 x 35 Socket Hd Cap Screw |
| M91206040 | 3 | M6 x 40 Socket Hd Cap Screw |
| M91206050 | 3 | M6 x 50 Socket Hd Cap Screw |
| M91206060 | 3 | M6 x 60 Socket Hd Cap Screw |
| M91206070 | 3 | M6 x 70 Socket Hd Cap Screw |
| M91206080 | 3 | M6 x 80 Socket Hd Cap Screw |
| M933060012 | 10 | 6 x 12mm GR8.8 Set Screws |
| M933060016 | 10 | 6 x 16mm GR8.8 Set Screws |
| M933060020 | 10 | 6 x 20mm GR8.8 Set Screws |
| M933060040 | 10 | 6 x 40mm GR8.8 Set Screws |
| M933080025 | 2 | 8 x 25mm GR8.8 Set Screws |
| M933080035 | 2 | 8 x 35mm GR8.8 Set Screws |
| M933080050 | 2 | 8 x 50mm GR8.8 Set Screws |
| M93406100 | 20 | M6 x 1.00 Metric Hex Nuts |
| M93408125 | 20 | M8 x 1.25 Metric Hex Nuts |

| CA330 | | FLAT STEEL WASHERS |
|-------------------|--------|--------------------|
| IMPERIAL & METRIC | | |
| C330-1 | 10 /pk | 3/16" |
| C330-2 | 50 | 1/4" |
| C330-3 | 50 | 5/16" |
| C330-4 | 25 | 3/8" |
| C330-5 | 30 | M10 |
| C330-6 | 15 | 7/16" |
| C330-7 | 20 | 1/2" |
| C330-8 | 15 | 9/16" |
| C330-9 | 15 | 5/8" |
| C330-10 | 10 | 3/4" |

Bulk Packs: page 133

| CA350 | | SELF-TAPPING SCREWS |
|----------|-----------|---------------------|
| HEX HEAD | | |
| C350-1 | 25 / pack | 6G x 1/2" |
| C350-2 | 25 | 6G x 3/4" |
| C350-3 | 25 | 6G x 1" |
| C350-4 | 25 | 8G x 1/2" |
| C350-5 | 25 | 8G x 3/4" |
| C350-6 | 25 | 8G x 1" |
| C350-7 | 25 | 10G x 1/2" |
| C350-8 | 25 | 10G x 3/4" |
| C350-9 | 25 | 10G x 1" |
| C350-10 | 25 | 12G x 3/4" |
| C350-11 | 25 | 12G x 1" |
| C350-12 | 25 | 14G x 5/8" |
| C350-13 | 25 | 14G x 3/4" |
| C350-14 | 25 | 14G x 1" |

Bulk Packs: page 129

| CA360 | | SELF-LOCKING NUTS, NYLON INSERT |
|-------------------|-----------|---------------------------------|
| METRIC, UNC & UNF | | |
| C360-1 | 20 / pack | 1/4" UNF |
| C360-2 | 20 | 5/16" UNF |
| C360-3 | 20 | 3/8" UNF |
| C360-4 | 15 | 1/4" UNC |
| C360-5 | 15 | 5/16" UNC |
| C360-6 | 15 | 3/8" UNC |
| C360-7 | 12 | 6mm |
| C360-8 | 12 | 8mm |
| C360-9 | 12 | 10mm |
| C360-10 | 25 | 1/4" Flat Washers |

Bulk Packs: p148/152

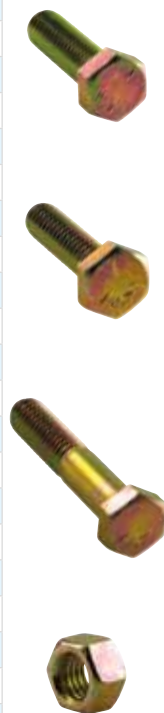
| CA365 | | UNF BOLTS, SET SCREWS & NUTS |
|--------------|-----------|------------------------------|
| HIGH TENSILE | | |
| C365-1 | 20 / pack | 1/4 x 1/2" Set Screws |
| C365-2 | 20 | 1/4 x 5/8" Set Screws |
| C365-3 | 20 | 1/4 x 1" Set Screws |
| C365-4 | 10 | 1/4 x 1-1/2" Set Screws |
| C365-5 | 15 | 5/16 x 3/4" Set Screws |
| C365-6 | 20 | 5/16 x 1" Set Screws |
| C365-7 | 15 | 5/16 x 1-1/4" Bolts |
| C365-8 | 10 | 5/16 x 1-1/2" Bolts |
| C365-9 | 10 | 5/16 x 2" Bolts |
| C365-10 | 10 | 3/8 x 1" Set Screws |
| C365-11 | 10 | 3/8 x 1-1/2" Bolts |
| C365-12 | 5 | 3/8 x 2" Bolts |
| C365-13 | 10 | 7/16 x 1-1/4" Set Screws |
| C365-14 | 5 | 7/16 x 2" Bolts |
| C365-15 | 5 | 1/2 x 1-1/2" Bolts |
| C365-16 | 5 | 1/2 x 2" Bolts |
| C365-17 | 75 | 1/4" Plain Nuts |
| C365-18 | 50 | 5/16" Plain Nuts |
| C365-19 | 25 | 3/8" Plain Nuts |
| C365-20 | 15 | 7/16" Plain Nuts |
| C365-21 | 10 | 1/2" Plain Nuts |

Bulk Packs: page 151

CA370 UNC BOLTS, SET SCREWS & NUTS

HIGH TENSILE

| | | |
|---------|-----------|--------------------------|
| C370-1 | 20 / pack | 1/4 x 1/2" Set Screws |
| C370-2 | 20 | 1/4 x 5/8" Set Screws |
| C370-3 | 20 | 1/4 x 1" Set Screws |
| C370-4 | 10 | 1/4 x 1-1/2" Set Screws |
| C370-5 | 15 | 5/16 x 3/4" Set Screws |
| C370-6 | 20 | 5/16 x 1" Set Screws |
| C370-7 | 10 | 5/16 x 1-1/4" Bolts |
| C370-8 | 10 | 5/16 x 1-1/2" Bolts |
| C370-9 | 10 | 5/16 x 2" Bolt |
| C370-10 | 10 | 3/8 x 1" Set Screws |
| C370-11 | 10 | 3/8 x 1-1/2" Bolts |
| C370-12 | 5 | 3/8 x 2" Bolts |
| C370-13 | 10 | 7/16 x 1-1/2" Set Screws |
| C370-14 | 5 | 7/16 x 2" Bolts |
| C370-15 | 5 | 1/2 x 1-1/2" Bolts |
| C370-16 | 5 | 1/2 x 2" Bolts |
| C370-17 | 70 | 1/4" Plain Nuts |
| C370-18 | 60 | 5/16" Plain Nuts |
| C370-19 | 30 | 3/8" Plain Nuts |
| C370-20 | 15 | 7/16" Plain Nuts |
| C370-21 | 10 | 1/2" Plain Nuts |



Bulk Packs: page 150

CA380 SPEED NUTS

'U' & FLAT TYPES

| | | |
|---------|-----------|--------------------------|
| C380-1 | 20 / pack | 8G Screw 31/32 x 7/16" |
| C380-2 | 20 | 10G Screw 13/16 x 1/2" |
| C380-3 | 20 | 6G Screw 21/32 x 7/16" |
| C380-4 | 20 | 10G Screw 1/2 x 11/16" |
| C380-5 | 50 | 1/8" Stud 1/2 x 5/16" |
| C380-6 | 50 | 3/32" Stud 7/16 x 1/4" |
| C380-7 | 50 | 3/16" UNC 5/8 x 3/8" |
| C380-8 | 50 | 3/16" Stud 5/8 x 3/8" |
| C380-9 | 20 | 10G Screw 15/32 x 11/16" |
| C380-10 | 20 | 8G Screw 21/32 x 7/16" |
| C380-11 | 20 | 8G Screw 13/32 x 11/32" |
| C380-12 | 50 | 10G Screw 21/32 x 13/32" |



Bulk Packs: page 130

CA390 FIBRE WASHERS

1/16" THICK

| | | |
|---------|-----------|----------------|
| C390-1 | 45 / pack | 5/32 x 5/16" |
| C390-2 | 45 | 3/16 x 3/8" |
| C390-3 | 35 | 7/32 x 7/16" |
| C390-4 | 55 | 1/4 x 7/16" |
| C390-5 | 50 | 5/16 x 1/2" |
| C390-6 | 45 | 3/8 x 5/8" |
| C390-7 | 25 | 7/16 x 11/16" |
| C390-8 | 25 | 1/2 x 3/4" |
| C390-9 | 20 | 9/16 x 13/16" |
| C390-10 | 20 | 5/8 x 7/8" |
| C390-11 | 20 | 11/16 x 15/16" |
| C390-12 | 20 | 3/4 x 1" |



Bulk Packs: page 133

CA400 FIBRE WASHERS

1/32" THICK

| | | |
|---------|-----------|-----------------|
| C400-1 | 30 / pack | 1/8 x 5/16" |
| C400-2 | 30 | 3/16 x 1/2" |
| C400-3 | 50 | 1/4 x 9/16" |
| C400-4 | 50 | 5/16 x 5/8" |
| C400-5 | 50 | 3/8 x 3/4" |
| C400-6 | 50 | 7/16 x 13/16" |
| C400-7 | 50 | 1/2 x 7/8" |
| C400-8 | 30 | 9/16 x 15/16" |
| C400-9 | 30 | 5/8 x 1" |
| C400-10 | 15 | 11/16 x 1-1/16" |
| C400-11 | 15 | 3/4 x 1-1/8" |
| C400-12 | 10 | 13/16 x 1-3/16" |
| C400-13 | 10 | 7/8 x 1-3/8" |
| C400-14 | 10 | 1 x 1-1/2" |



Bulk Packs: page 133

CA407 'O' RINGS

IMPERIAL, 70 SHORE

| | | I.D. | SECTION |
|---------|-----------|---------|---------|
| C407-1 | 20 / pack | 1/8" | 1/16" |
| C407-2 | 20 | 3/16" | 1/16" |
| C407-3 | 20 | 1/4" | 1/16" |
| C407-4 | 20 | 5/16" | 1/16" |
| C407-5 | 20 | 3/8" | 1/16" |
| C407-6 | 20 | 1/2" | 1/16" |
| C407-7 | 15 | 3/8" | 3/32" |
| C407-8 | 15 | 7/16" | 3/32" |
| C407-9 | 15 | 1/2" | 3/32" |
| C407-10 | 15 | 9/16" | 3/32" |
| C407-11 | 15 | 5/8" | 3/32" |
| C407-12 | 15 | 11/16" | 3/32" |
| C407-13 | 15 | 3/4" | 3/32" |
| C407-14 | 15 | 13/16" | 3/32" |
| C407-15 | 15 | 7/8" | 3/32" |
| C407-16 | 10 | 3/4" | 1/8" |
| C407-17 | 10 | 13/16" | 1/8" |
| C407-18 | 10 | 7/8" | 1/8" |
| C407-19 | 10 | 15/16" | 1/8" |
| C407-20 | 10 | 1" | 1/8" |
| C407-21 | 10 | 1-1/16" | 1/8" |
| C407-22 | 10 | 1-1/8" | 1/8" |
| C407-23 | 10 | 1-3/16" | 1/8" |
| C407-24 | 10 | 1-1/4" | 1/8" |
| C407-25 | 10 | 1-5/16" | 1/8" |
| C407-26 | 10 | 1-3/8" | 1/8" |
| C407-27 | 10 | 1-7/16" | 1/8" |
| C407-28 | 10 | 1-1/2" | 1/8" |
| C407-29 | 10 | 1-5/8" | 1/8" |
| C407-30 | 10 | 1-3/4" | 1/8" |
| C407-31 | 10 | 1-7/8" | 1/8" |
| C407-32 | 10 | 2" | 1/8" |



Bulk Packs: page 128

REPLACEMENT PACKS

| CA408 'O' RINGS | | | |
|------------------|-----------|------|---------|
| METRIC, 70 SHORE | | | |
| | | I.D. | SECTION |
| C408-1 | 20 / pack | 3mm | 2mm |
| C408-2 | 20 | 5mm | 2mm |
| C408-3 | 20 | 6mm | 2mm |
| C408-4 | 20 | 8mm | 2mm |
| C408-5 | 20 | 10mm | 2mm |
| C408-6 | 20 | 13mm | 2mm |
| C408-7 | 15 | 10mm | 2.5mm |
| C408-8 | 15 | 12mm | 2.5mm |
| C408-9 | 15 | 14mm | 2.5mm |
| C408-10 | 15 | 15mm | 2.5mm |
| C408-11 | 15 | 16mm | 2.5mm |
| C408-12 | 15 | 18mm | 2.5mm |
| C408-13 | 15 | 20mm | 2.5mm |
| C408-14 | 15 | 21mm | 2.5mm |
| C408-15 | 15 | 22mm | 2.5mm |
| C408-16 | 10 | 18mm | 3.5mm |
| C408-17 | 10 | 20mm | 3.5mm |
| C408-18 | 10 | 22mm | 3.5mm |
| C408-19 | 10 | 23mm | 3.5mm |
| C408-20 | 10 | 25mm | 3.5mm |
| C408-21 | 10 | 27mm | 3.5mm |
| C408-22 | 10 | 28mm | 3.5mm |
| C408-23 | 10 | 30mm | 3.5mm |
| C408-24 | 10 | 31mm | 3.5mm |
| C408-25 | 10 | 32mm | 3.5mm |
| C408-26 | 10 | 34mm | 3.5mm |
| C408-27 | 10 | 36mm | 3.5mm |
| C408-28 | 10 | 38mm | 3.5mm |
| C408-29 | 10 | 41mm | 3.5mm |
| C408-30 | 10 | 44mm | 3.5mm |
| C408-31 | 10 | 46mm | 3.5mm |
| C408-32 | 10 | 50mm | 3.5mm |

Bulk Packs: page 128

| CA409 'O' RINGS – SPLICING KIT | |
|----------------------------------|-------------|
| IMPERIAL | |
| Assortment contents listed below | |
| 1 qty | 0.070 x 36" |
| 1 | 0.103 x 36" |
| 1 | 0.139 x 36" |
| 1 | 0.210 x 36" |
| 1 | 0.275 x 36" |

| CA410 'O' RINGS – SPLICING KIT | |
|----------------------------------|-------------|
| METRIC | |
| Assortment contents listed below | |
| 1 qty | 1.5 x 900mm |
| 1 | 2.0 x 900mm |
| 1 | 2.5 x 900mm |
| 1 | 3.0 x 900mm |
| 1 | 3.5 x 900mm |
| 1 | 4.0 x 900mm |
| 1 | 5.0 x 900mm |
| 1 | 6.0 x 900mm |
| 1 | 8.5 x 900mm |

| CA411 AIRCONDITIONING 'O' RINGS | | | |
|---------------------------------------------------|-----------|--------|---------|
| SUITS R134A GAS. HMBR (GREEN), IMPERIAL, 70 SHORE | | | |
| | | I.D. | SECTION |
| C411-1 | 20 / pack | 3/16" | 1/16" |
| C411-2 | 20 | 1/4" | 1/16" |
| C411-3 | 15 | 3/8" | 1/16" |
| C411-4 | 15 | 7/16" | 1/16" |
| C411-5 | 15 | 9/16" | 1/16" |
| C411-6 | 15 | 11/16" | 1/16" |
| C411-7 | 15 | 7/16" | 3/32" |
| C411-8 | 10 | 9/16" | 3/32" |
| C411-9 | 10 | 5/8" | 3/32" |
| C411-10 | 10 | 3/4" | 3/32" |

Bulk Packs: page 128

| CA420 SELF-TAPPING SCREWS | | |
|---------------------------|-----------|-----------------------|
| RAISED & PAN HEAD | | |
| C420-1 | 25 / pack | 6G x 3/4" Raised Head |
| C420-2 | 25 | 6G x 1" Raised Head |
| C420-3 | 25 | 8G x 3/4" Raised Head |
| C420-4 | 20 | 8G x 1" Raised Head |
| C420-5 | 50 | 6G x 1/2" Pan Head |
| C420-6 | 50 | 7G x 1/2" Pan Head |
| C420-7 | 50 | 10G x 1" Pan Head |
| C420-8 | 25 | 12G x 1" Pan Head |
| C420-9 | 50 | 8G x 3/8" Pan Head |
| C420-10 | 50 | 8G x 5/8" Pan Head |
| C420-11 | 25 | 10G x 1/2" Pan Head |
| C420-12 | 25 | 10G x 3/4" Pan Head |

Bulk Packs: page 130

| CA430 SELF-TAPPING SCREWS | | |
|---------------------------|-----------|-----------------------------|
| RAISED, HEX & PAN HEAD | | |
| C430-1 | 25 / pack | 14G x 5/8" Hex Head |
| C430-2 | 25 | 14G x 3/4" Hex Head |
| C430-3 | 50 | 10G x 3/8" Hex Head |
| C430-4 | 50 | 10G x 1/2" Hex Head |
| C430-5 | 50 | 4G x 1/4" Pan Head |
| C430-6 | 25 | 10G x 7/8" Pan Head |
| C430-7 | 25 | 8G x 1" Pan Head |
| C430-8 | 25 | 8G x 3/8" Pan Head |
| C430-9 | 25 | 14G x 1/2" Pan Head |
| C430-10 | 25 | 14G x 5/8" Pan Head |
| C430-11 | 25 | 14G x 3/4" Pan Head |
| C430-12 | 25 | 14G x 5/8" Raised Head |
| C430-13 | 30 | 8G x 1/2" Rsd Hd Phillips |
| C430-14 | 25 | 8G x 1-1/2" Rsd Hd Phillips |

Bulk Packs: page 130

| CA431 METRIC BOLTS, SET SCREWS & NUTS | | |
|---------------------------------------|-----------|------------------------|
| HIGH TENSILE, GR8.8 | | |
| C431-1 | 20 / pack | M4 x 20mm Set Screws |
| C431-2 | 20 | M4 x 35mm Set Screws |
| C431-3 | 10 | M5 x 25mm Set Screws |
| C431-4 | 10 | M5 x 35mm Set Screws |
| C431-5 | 20 | M6 x 16mm Set Screws |
| C431-6 | 20 | M6 x 20mm Set Screws |
| C431-7 | 20 | M6 x 25mm Set Screws |
| C431-8 | 15 | M6 x 40mm Set Screws |
| C431-9 | 12 | M8 x 20mm Set Screws |
| C431-10 | 12 | M8 x 25mm Set Screws |
| C431-11 | 10 | M8 x 35mm Set Screws |
| C431-12 | 10 | M8 x 40mm Set Screws |
| C431-13 | 8 | M8 x 50mm Bolt |
| C431-14 | 8 | M10 x 25mm Set Screws |
| C431-15 | 6 | M10 x 35mm Set Screws |
| C431-16 | 4 | M10 x 50mm Set Screws |
| C431-17 | 3 | M12 x 45mm (with nuts) |
| C431-18 | 60 | M4 x 0.7mm Nuts |
| C431-19 | 50 | M5 x 0.8mm Nuts |
| C431-20 | 50 | M6 x 1.0mm Nuts |
| C431-21 | 40 | M8 x 1.25mm Nuts |
| C431-22 | 20 | M10 x 1.5mm Nuts |

Bulk Packs: p142-143

| CA480 METRIC BOLTS, SET SCREWS & NUTS | | |
|---------------------------------------|-----------|-----------------------------|
| ISO & FINE PITCH, HIGH TENSILE, GR8.8 | | |
| C480-1 | 20 / pack | M4 x 20 x 0.7mm |
| C480-2 | 20 | M4 x 35 x 0.7mm |
| C480-3 | 10 | M5 x 25 x 0.8mm |
| C480-4 | 10 | M5 x 35 x 0.8mm |
| C480-5 | 20 | M6 x 16 x 1.00mm |
| C480-6 | 20 | M6 x 20 x 1.00mm |
| C480-7 | 20 | M6 x 25 x 1.00mm |
| C480-8 | 10 | M6 x 40 x 1.00mm |
| C480-9 | 10 | M8 x 20 x 1.00mm |
| C480-10 | 10 | M8 x 25 x 1.00mm |
| C480-11 | 10 | M8 x 35 x 1.00mm |
| C480-12 | 10 | M8 x 40 x 1.00mm |
| C480-13 | 8 | M10 x 25 x 1.25mm |
| C480-14 | 6 | M10 x 35 x 1.25mm |
| C480-15 | 4 | M10 x 50 x 1.25mm |
| C480-16 | 3 | M12 x 45 x 1.25 & Nuts |
| C480-17 | 60 | M4 x 0.7mm Nuts |
| C480-18 | 50 | M5 x 0.8mm Nuts |
| C480-19 | 50 | M5 x 0.9 Nuts Special Pitch |
| C480-20 | 56 | M6 x 1.00mm Nuts |
| C480-21 | 50 | M8 x 1.00mm Nuts |
| C480-22 | 20 | M10 x 1.25mm Nuts |

Bulk Packs: p142-146

| CA495 HEX FLANGE HEAD SET SCREWS & NUTS | | |
|-----------------------------------------------|-----------|------------------------|
| METRIC, HIGH TENSILE, ISO & FINE PITCH, GR8.8 | | |
| C495-1 | 20 / pack | M5 x 16mm |
| C495-2 | 20 | M5 x 25mm |
| C495-3 | 20 | M6 x 16mm |
| C495-4 | 20 | M6 x 20mm |
| C495-5 | 20 | M6 x 25mm |
| C495-6 | 20 | M6 x 30mm |
| C495-7 | 15 | M6 x 40mm |
| C495-8 | 15 | M8 x 16mm |
| C495-9 | 15 | M8 x 20mm |
| C495-10 | 12 | M8 x 25mm |
| C495-11 | 5 | M8 x 30mm |
| C495-12 | 10 | M8 x 40mm |
| C495-13 | 7 | M8 x 50mm |
| C495-14 | 8 | M10 x 25 x 1.25mm |
| C495-15 | 6 | M10 x 35 x 1.25mm |
| C495-16 | 6 | M10 x 40 x 1.25mm |
| C495-17 | 5 | M10 x 50 x 1.25mm |
| C495-18 | 40 | M5 x 0.8mm (8mm AF) |
| C495-19 | 95 | M6 x 1.00mm (10mm AF) |
| C495-20 | 71 | M8 x 1.25mm (12mm AF) |
| C495-21 | 25 | M10 x 1.25mm (14mm AF) |

Bulk Packs: p145-148








| CA500 SPACING WASHERS STEEL | | |
|-----------------------------|-----------|-----------------|
| C500-1 | 50 / pack | 1/4 x 9/16" |
| C500-2 | 50 | 5/16 x 11/16" |
| C500-3 | 50 | 3/8 x 3/4" |
| C500-4 | 50 | 7/16 x 13/16" |
| C500-5 | 50 | 1/2 x 7/8" |
| C500-6 | 50 | 9/16 x 15/16" |
| C500-7 | 50 | 5/8 x 1" |
| C500-8 | 45 | 11/16 x 1-1/16" |
| C500-9 | 45 | 3/4 x 1-1/8" |
| C500-10 | 30 | 13/16 x 1-3/16" |
| C500-11 | 30 | 7/8 x 1-1/4" |
| C500-12 | 15 | 15/16 x 1-3/8" |
| C500-13 | 15 | 1 x 1-1/2" |
| C500-14 | 15 | 1-1/8 x 1-3/4" |

Bulk Packs page: 134

| CA502 RIVETS BLIND ALUMINIUM | | |
|------------------------------|-----------|----------------------|
| C502-1 | 10 / pack | 3/32" Short x 0.290 |
| C502-2 | 50 | 1/8" Short x 0.290 |
| C502-3 | 50 | 1/8" Medium x 0.400 |
| C502-4 | 40 | 1/8" Long x 0.500 |
| C502-5 | 50 | 5/32" Short x 0.290 |
| C502-6 | 25 | 5/32" Medium x 0.450 |
| C502-7 | 25 | 5/32" Long x 0.500 |
| C502-8 | 25 | 3/16" Short x 0.350 |
| C502-9 | 25 | 3/16" Medium x 0.490 |
| C502-10 | 25 | 3/16" Long x 0.570 |





Bulk Packs: page 128

REPLACEMENT PACKS

| CA505 | | RIVET NUT INSERTS | |
|----------------------------|-----------|-----------------------|-------------------------------------------------------------------------------------|
| STEEL | | | |
| C505-1 | 10 / pack | M4 ISO |  |
| C505-2 | 10 | M5 ISO | |
| C505-3 | 10 | M6 ISO | |
| C505-4 | 10 | M8 ISO | |
| C505-5 | 10 | M10 ISO | |
| | | | |
| CA510 | | STAR WASHERS | |
| INTERNAL & EXTERNAL | | | |
| C510-1 | 50 / pack | 3/16" External Tooth |  |
| C510-2 | 50 | 1/4" External Tooth | |
| C510-3 | 50 | 5/16" External Tooth | |
| C510-4 | 50 | 3/8" External Tooth | |
| C510-5 | 20 | 7/16" External Tooth |  |
| C510-6 | 15 | 1/2" External Tooth | |
| C510-7 | 10 | 5/8" External Tooth | |
| C510-8 | 50 | 3/16" Internal Tooth | |
| C510-9 | 50 | 1/4" Internal Tooth |  |
| C510-10 | 60 | 5/16" Internal Tooth | |
| C510-11 | 50 | 3/8" Internal Tooth | |
| C510-12 | 20 | 7/16" Internal Tooth | |
| C510-13 | 15 | 1/2" Internal Tooth | |
| C510-14 | 10 | 5/8" Internal Tooth | |
| CA520 | | SPRING WASHERS | |
| IMPERIAL & METRIC | | | |
| C520-1 | 50 / pack | 5/32" (4mm) |  |
| C520-2 | 100 | 3/16" (5mm) | |
| C520-3 | 50 | 6mm | |
| C520-4 | 100 | 1/4" | |
| C520-5 | 100 | 5/16" (8mm) |  |
| C520-6 | 50 | 3/8" | |
| C520-7 | 25 | 7/16" | |
| C520-8 | 25 | 12mm | |
| C520-9 | 25 | 1/2" | |
| C520-10 | 5 (each) | 5/8" (16mm), & 3/4" | |
| Bulk Packs: page 134 | | | |
| CA530 | | SELF-DRILLING SCREWS | |
| MUSHROOM, WAFER & HEX HEAD | | | |
| C530-1 | 50 / pack | 8G x 12mm Mushroom Hd |  |
| C530-2 | 50 | 8G x 16mm Mushroom Hd | |
| C530-3 | 50 | 8G x 20mm Mushroom Hd | |
| C530-4 | 50 | 8G x 25mm Mushroom Hd | |
| C530-5 | 50 | 10G x 16mm Wafer Head | |
| C530-6 | 50 | 10G x 22mm Wafer Head | |
| C530-7 | 50 | 10G x 30mm Wafer Head | |
| C530-8 | 50 | 10G x 16mm Hex Head | |
| Bulk Packs: page 134 | | | |

Bulk Packs: page 134

Bulk Packs: page 129

| CA540 | | SELF-TAPPING SCREWS | |
|--------------------------------------------|-----------|----------------------------|---------------------------------------------------------------------------------------|
| RAISED & PAN HEAD, PHILLIPS, NICKEL PLATED | | | |
| C540-1 | 40 / pack | 4G x 5/8" Raised Head |  |
| C540-2 | 50 | 6G x 1/2" Raised Head | |
| C540-3 | 40 | 6G x 1" Raised Head | |
| C540-4 | 40 | 8G x 3/8" Raised Head | |
| C540-5 | 40 | 6G x 3/4" Raised Head | |
| C540-6 | 50 | 8G x 1/2" Raised Head | |
| C540-7 | 20 | 8G x 1" Raised Head | |
| C540-8 | 20 | 8G x 1-1/4" Raised Head | |
| C540-9 | 20 | 8G x 1-1/2" Raised Head | |
| C540-10 | 20 | 10G x 3/4" Raised Head | |
| C540-11 | 50 | 6G x 3/8" Pan Head | |
| C540-12 | 30 | 8G x 1/2" Pan Head | |
| C540-13 | 20 | 10G x 1/2 Pan Head | |
| For Cup Washers see CA550. | | | |
| Pack No: C550-14, C550-15 & C550-16 | | | Bulk Packs: p130-132 |
| CA550 | | SELF-TAPPING SCREWS | |
| PAN & RAISED HEAD, SLOTTED, ZINC PLATED | | | |
| C550-1 | 50 / pack | 6G x 3/4" Raised Head |  |
| C550-2 | 50 | 6G x 1" Raised Head | |
| C550-3 | 25 | 8G x 3/4" Raised Head | |
| C550-4 | 25 | 8G x 1" Raised Head | |
| C550-5 | 25 | 10G x 1" Pan Head | |
| C550-6 | 50 | 6G x 1/4" Pan Head | |
| C550-7 | 50 | 6G x 1/2" Pan Head | |
| C550-8 | 50 | 7G x 1/2" Pan Head | |
| C550-9 | 50 | 8G x 3/8" Pan Head | |
| C550-10 | 50 | 8G x 5/8" Pan Head | |
| C550-11 | 35 | 10G x 1/2" Pan Head | |
| C550-12 | 30 | 10G x 3/4" Pan Head | |
| C550-13 | 20 | 12G x 1" Pan Head | |
| C550-14 | 40 | No.6 Cup Washers | |
| C550-15 | 40 | No.8 Cup Washers | |
| C550-16 | 20 | No.10 Cup Washers | |
| | | | Bulk Packs: p130-132 |
| CA560 | | SELF-TAPPING SCREWS | |
| PAN HEAD, SLOTTED, ZINC PLATED | | | |
| C560-1 | 50 / pack | 6G x 1/2" |  |
| C560-2 | 50 | 6G x 3/4" | |
| C560-3 | 50 | 6G x 1" | |
| C560-4 | 50 | 6G x 1-1/2" | |
| C560-5 | 50 | 8G x 1/2" | |
| C560-6 | 50 | 8G x 3/4" | |
| C560-7 | 50 | 8G x 1" | |
| C560-8 | 50 | 10G x 1-1/2" | |
| | | | Bulk Packs: page 130 |
| CA570 | | ANTI-THEFT SCREWS | |
| Assortment contents listed below | | | |
| NPS7 | 100 qty | 10G x 3/4 Self-Tap One Way |  |
| CWS30 | 200 | 6mm Flat Washers Z/P | |
| CBP76 | 10 | M6 Short Captive Nuts | |
| SNU0537 | 20 | No.10 Spire Screw | |
| NPS5 | 100 | M6 x 20 One Way Screws | |
| PN2 | 100 | M6 x 1.00 Metric Hex Nut | |

Bulk Packs: p130-132

Bulk Packs: p130-132

Bulk Packs: page 130

| CA576 FLAT STEEL WASHERS | | |
|--------------------------|------------|-------------|
| IMPERIAL & METRIC | | |
| C576-1 | 150 / pack | 3/16" |
| C576-2 | 150 | 1/4" |
| C576-3 | 75 | 5/16" |
| C576-4 | 40 | 3/8" |
| C576-5 | 25 | 7/16" |
| C576-6 | 25 | 1/2" |
| C576-7 | 10 | 5/8" |
| C576-8 | 5 (each) | 3/4" & 20mm |
| C576-9 | 150 | 6mm |
| C576-10 | 30 | 10mm |
| C576-11 | 20 | 12mm |
| C576-12 | 10 | 9/16" |

Bulk Packs: p133-134

| CA600 FLAT STEEL HEAVY DUTY WASHERS | | |
|-------------------------------------|------------|--------------------|
| C600-1 | 150 / pack | 3/16 x 1/2" x 18G |
| C600-2 | 150 | 1/4 x 9/16" x 14G |
| C600-3 | 100 | 5/16 x 5/8" x 14G |
| C600-4 | 75 | 3/8 x 3/4" x 14G |
| C600-5 | 75 | 7/16 x 7/8" x 14G |
| C600-6 | 25 | 1/2 x 1" x 14G |
| C600-7 | 15 | 5/8 x 1-3/8" x 14G |
| C600-8 | 15 | 3/4 x 1-1/2" x 14G |

Bulk Packs: page 134

| CA648 SPRING WASHERS | | |
|----------------------|------------|-------------|
| IMPERIAL & METRIC | | |
| C648-1 | 200 / pack | 3/16" (5mm) |
| C648-2 | 150 | 1/4" |
| C648-3 | 75 | 5/16" (8mm) |
| C648-4 | 40 | 3/8" |
| C648-5 | 25 | 7/16" |
| C648-6 | 20 | 1/2" |
| C648-7 | 10 | 5/8" (16mm) |
| C648-8 | 3 | 20mm |
| C648-9 | 200 | 5/32" (4mm) |
| C648-10 | 150 | 6mm |
| C648-11 | 40 | 10mm |
| C648-12 | 20 | 12mm |

Bulk Packs: page 134

| CA800 SPLIT PINS | | |
|------------------|------------|---------------|
| ZINC PLATED | | |
| C800-1 | 150 / pack | 1.6 x 22mm |
| C800-2 | 100 | 1.6 x 36mm |
| C800-3 | 150 | 2.0 x 22mm |
| C800-4 | 100 | 2.0 x 36mm |
| C800-5 | 72 | 2.5 x 25mm |
| C800-6 | 72 | 2.5 x 45mm |
| C800-7 | 50 | 7/64 x 1-1/4" |
| C800-8 | 36 | 3.2 x 50mm |
| C800-9 | 40 | 9/64 x 1-3/4" |
| C800-10 | 25 | 4.0 x 45mm |

Bulk Packs: page 131

| CA825 FIBRE WASHERS | | |
|---------------------|-----------|-----------------|
| 1/32" THICK | | |
| C825-1 | 50 / pack | 1/8 x 5/16" |
| C825-2 | 50 | 3/16 x 1/2" |
| C825-3 | 100 | 1/4 x 9/16" |
| C825-4 | 100 | 5/16 x 5/8" |
| C825-5 | 100 | 3/8 x 3/4" |
| C825-6 | 100 | 7/16 x 13/16" |
| C825-7 | 100 | 1/2 x 7/8" |
| C825-8 | 50 | 9/16 x 15/16" |
| C825-9 | 50 | 5/8 x 1" |
| C825-10 | 25 | 11/16 x 1-1/16" |
| C825-11 | 25 | 3/4 x 1-1/8" |
| C825-12 | 25 | 13/16 x 1-3/16" |
| C825-13 | 25 | 7/8 x 1-3/8" |
| C825-14 | 25 | 1 x 1-1/2" |

Bulk Packs: page 133

| CA1008 SPRING WASHERS | | |
|-----------------------------|------------|-------|
| SQUARE SECTION, ZINC PLATED | | |
| C1008-1 | 150 / pack | 3/16" |
| C1008-2 | 250 | 1/4" |
| C1008-3 | 250 | 5/16" |
| C1008-4 | 100 | 3/8" |
| C1008-5 | 50 | 7/16" |
| C1008-6 | 50 | 1/2" |
| C1008-7 | 30 | 5/8" |
| C1008-8 | 15 | 3/4" |

Bulk Packs: page 134

| CA1152 SPLIT PINS | | |
|-------------------|------------|------------|
| ZINC PLATED | | |
| C1152-1 | 100 / pack | 1.6 x 22mm |
| C1152-2 | 100 | 2.0 x 22mm |
| C1152-3 | 100 | 2.0 x 36mm |
| C1152-4 | 100 | 2.5 x 25mm |
| C1152-5 | 100 | 2.5 x 32mm |
| C1152-6 | 100 | 7/64 x 2" |
| C1152-7 | 100 | 3.2 x 32mm |
| C1152-8 | 100 | 3.2 x 45mm |

Bulk Packs: page 131

| CA1200 SELF-TAPPING SCREWS | | |
|-----------------------------------------|-----------|-----------------------|
| BLACK ZINC, PAN & RAISED HEAD, PHILLIPS | | |
| C1200-1 | 50 / pack | 6G x 1/2" Pan Head |
| C1200-2 | 50 | 6G x 3/4" Pan Head |
| C1200-3 | 30 | 6G x 1" Pan Head |
| C1200-4 | 30 | 8G x 3/8" Pan Head |
| C1200-5 | 30 | 8G x 5/8" Pan Head |
| C1200-6 | 30 | 8G x 3/4" Pan Head |
| C1200-7 | 30 | 8G x 1" Pan Head |
| C1200-8 | 20 | 8G x 1-1/2" Pan Head |
| C1200-9 | 30 | 10G x 1/2" Pan Head |
| C1200-10 | 20 | 10G x 3/4" Pan Head |
| C1200-11 | 20 | 10G x 1" Pan Head |
| C1200-12 | 15 | 12G x 1" Pan Head |
| C1200-13 | 30 | 6G x 1" Raised Head |
| C1200-14 | 30 | 8G x 3/4" Raised Head |

Bulk Packs: page 129

REPLACEMENT PACKS

CA1320 BALL JOINTS

CUP TYPE STEEL, ZINC PLATED

Assortment contents listed below

| | | |
|---------|-------|---------------------------|
| A1000 | 2 qty | 10/32" UNF Spring Loaded |
| A1002 | 2 | 1/4-28" UNF Spring Loaded |
| A1003 | 2 | 5/16-24 UNF Spring Loaded |
| D1209C | 2 | 1/4-20" UNC Light Weight |
| D1209F | 2 | 1/4-28" UNF Light Weight |
| DS1209C | 2 | 1/4" UNC Light In-Line |
| DS1209F | 2 | 1/4" UNF Light In-Line |
| SP1000 | 2 | 10/32" UNF Heavy Duty |
| SP1002 | 2 | 1/4-28" TPI Heavy Duty |
| SP1003 | 2 | 5/16-24" TPI Heavy Duty |

Bulk Packs: page 217

CA1411 EXPANSION PLUGS

CUP TYPE STEEL, ZINC PLATED

| | | |
|----------|----------|--------|
| C1411-1 | 5 / pack | 18mm |
| C1411-2 | 5 | 20mm |
| C1411-3 | 5 | 22mm |
| C1411-4 | 5 | 25mm |
| C1411-5 | 5 | 27mm |
| C1411-6 | 5 | 28mm |
| C1411-7 | 5 | 30mm |
| C1411-8 | 5 | 35mm |
| C1411-9 | 2 | 40mm |
| C1411-10 | 2 | 41.5m |
| C1411-11 | 2 | 45mm |
| C1411-12 | 2 | 46.5mm |

CA1412 BRASS OLIVES

SUITS COPPER & NYLON TUBE

| | | |
|----------|-----------|---------------------------|
| C1412-1 | 20 / pack | 101 Suits 1/8" Copper |
| C1412-2 | 30 | 102 Suits 3/16" Copper |
| C1412-3 | 60 | 103 Suits 1/4" Copper |
| C1412-4 | 60 | 104 Suits 5/16" Copper |
| C1412-5 | 40 | 105 Suits 3/8" Copper |
| C1412-6 | 20 | 107 Suits 1/2" Copper |
| C1412-7 | 10 | 102N Suits 3/16" Nylon |
| C1412-8 | 10 | 103N Suits 1/4" Nylon |
| C1412-9 | 10 | 104N Suits 5/16" Nylon |
| C1412-10 | 10 | 105N Suits 3/8" Nylon |
| C1412-11 | 30 | 110 Suits 6mm Copper Tube |
| C1412-12 | 30 | 110N Suits 6mm Nylon Tube |

Bulk Packs: p153-155

CA1416 SOCKET SET (GRUB) SCREWS

METRIC & IMPERIAL, BSW, HARDENED

| | | |
|----------|-----------|------------------|
| C1416-1 | 20 / pack | 3/16 x 3/16" BSW |
| C1416-2 | 12 | 3/16 x 3/8" BSW |
| C1416-3 | 12 | 1/4 x 1/4" BSW |
| C1416-4 | 10 | 1/4 x 1/2" BSW |
| C1416-5 | 10 | 5/16 x 5/16" BSW |
| C1416-6 | 10 | 5/16 x 5/8" BSW |
| C1416-7 | 8 | 3/8 x 5/8" BSW |
| C1416-8 | 8 | 3/8 x 1" BSW |
| C1416-9 | 20 | 5 x 5mm |
| C1416-10 | 12 | 5 x 10mm |
| C1416-11 | 12 | 6 x 6mm |
| C1416-12 | 10 | 6 x 12mm |
| C1416-13 | 10 | 8 x 8mm |
| C1416-14 | 10 | 8 x 16mm |

CA1417 SOCKET HEAD CAP SCREWS

METRIC, HIGH TENSILE

| | | |
|----------|-----------|-----------|
| C1417-1 | 10 / pack | 5 x 10mm |
| C1417-2 | 6 | 5 x 25mm |
| C1417-3 | 6 | 5 x 35mm |
| C1417-4 | 10 | 6 x 10mm |
| C1417-5 | 6 | 6 x 16mm |
| C1417-6 | 6 | 6 x 20mm |
| C1417-7 | 6 | 6 x 25mm |
| C1417-8 | 6 | 6 x 40mm |
| C1417-9 | 6 | 8 x 16mm |
| C1417-10 | 6 | 8 x 20mm |
| C1417-11 | 6 | 8 x 25mm |
| C1417-12 | 6 | 8 x 35mm |
| C1417-13 | 6 | 8 x 40mm |
| C1417-14 | 4 | 10 x 25mm |

Bulk Packs: p148-149

CA1418 SOCKET HEAD CAP SCREWS

BSW, HIGH TENSILE

| | | |
|----------|-----------|---------------|
| C1418-1 | 10 / pack | 3/16 x 1/2" |
| C1418-2 | 6 | 3/16 x 3/4" |
| C1418-3 | 6 | 3/16 x 1" |
| C1418-4 | 6 | 3/16 x 1-1/4" |
| C1418-5 | 10 | 1/4 x 1/2" |
| C1418-6 | 6 | 1/4 x 3/4" |
| C1418-7 | 6 | 1/4 x 1" |
| C1418-8 | 6 | 1/4 x 1-1/4" |
| C1418-9 | 6 | 1/4 x 1-1/2" |
| C1418-10 | 6 | 5/16 x 1/2" |
| C1418-11 | 6 | 5/16 x 3/4" |
| C1418-12 | 6 | 5/16 x 1" |
| C1418-13 | 6 | 5/16 x 1-1/4" |
| C1418-14 | 6 | 5/16 x 1-1/2" |

Bulk Packs: page 130

CA1419 SOCKET HEAD CAP SCREWS

COUNTERSUNK, HIGH TENSILE

| | | |
|----------|-----------|-----------|
| C1419-1 | 10 / pack | M4 x 16mm |
| C1419-2 | 10 | M4 x 25mm |
| C1419-3 | 10 | M5 x 16mm |
| C1419-4 | 10 | M5 x 20mm |
| C1419-5 | 10 | M5 x 25mm |
| C1419-6 | 10 | M5 x 30mm |
| C1419-7 | 10 | M6 x 16mm |
| C1419-8 | 10 | M6 x 20mm |
| C1419-9 | 10 | M6 x 25mm |
| C1419-10 | 10 | M6 x 30mm |
| C1419-11 | 6 | M8 x 16mm |
| C1419-12 | 6 | M8 x 20mm |
| C1419-13 | 6 | M8 x 25mm |
| C1419-14 | 6 | M8 x 30mm |

CA1420 BUTTON HEAD CAP SCREWS

METRIC, HIGH TENSILE

| | | |
|----------|-----------|-----------|
| C1420-1 | 10 / pack | M4 x 16mm |
| C1420-2 | 10 | M4 x 25mm |
| C1420-3 | 10 | M5 x 16mm |
| C1420-4 | 10 | M5 x 20mm |
| C1420-5 | 10 | M5 x 25mm |
| C1420-6 | 10 | M5 x 30mm |
| C1420-7 | 10 | M6 x 16mm |
| C1420-8 | 10 | M6 x 20mm |
| C1420-9 | 10 | M6 x 25mm |
| C1420-10 | 10 | M6 x 30mm |
| C1420-11 | 6 | M8 x 16mm |
| C1420-12 | 6 | M8 x 20mm |
| C1420-13 | 6 | M8 x 25mm |
| C1420-14 | 6 | M8 x 30mm |



CA1421 ROLL PINS

IMPERIAL

| | | |
|----------|-----------|---------------|
| C1421-1 | 40 / pack | 1/16 x 1/2" |
| C1421-2 | 20 | 3/32 x 1/2" |
| C1421-3 | 20 | 3/32 x 5/8" |
| C1421-4 | 20 | 3/32 x 3/4" |
| C1421-5 | 20 | 3/32 x 1" |
| C1421-6 | 20 | 1/8 x 3/8" |
| C1421-7 | 20 | 1/8 x 1/2" |
| C1421-8 | 20 | 1/8 x 5/8" |
| C1421-9 | 20 | 1/8 x 3/4" |
| C1421-10 | 20 | 1/8 x 7/8" |
| C1421-11 | 20 | 1/8 x 1" |
| C1421-12 | 20 | 5/32 x 1/2" |
| C1421-13 | 20 | 5/32 x 1" |
| C1421-14 | 20 | 3/16 x 3/4" |
| C1421-15 | 20 | 3/16 x 1" |
| C1421-16 | 20 | 3/16 x 1-1/4" |
| C1421-17 | 20 | 3/16 x 1-1/2" |
| C1421-18 | 20 | 1/4 x 1" |



Bulk Packs: page 129

CA1424 'E' CLIPS & RETAINER SPRINGS

| | | |
|----------|-----------|-----------------------|
| C1424-1 | 50 / pack | Springs 11/64" Shaft |
| C1424-2 | 50 | Springs 7/32" Shaft |
| C1424-3 | 50 | Springs 19/64" Shaft |
| C1424-4 | 50 | Springs 17/32" Shaft |
| C1424-5 | 50 | 'E' Clips 3/32" Shaft |
| C1424-6 | 50 | 'E' Clips 1/8" Shaft |
| C1424-7 | 50 | 'E' Clips 5/32" Shaft |
| C1424-8 | 50 | 'E' Clips 3/16" Shaft |
| C1424-9 | 100 | 'E' Clips 1/4" Shaft |
| C1424-10 | 50 | 'E' Clips 5/16" Shaft |
| C1424-11 | 100 | 'E' Clips 3/8" Shaft |
| C1424-12 | 30 | 'E' Clips 7/16" Shaft |
| C1424-13 | 50 | 'E' Clips 1/2" Shaft |
| C1424-14 | 10 | 'E' Clips 5/8" Shaft |



Bulk Packs: page 125/128

CA1435 ROLL PINS

IMPERIAL, LARGE SIZES

| | | |
|----------|-----------|---------------|
| C1435-1 | 12 / pack | 3/16 x 1-1/2" |
| C1435-2 | 10 | 3/16 x 2" |
| C1435-3 | 5 | 3/16 x 2-1/2" |
| C1435-4 | 12 | 1/4 x 1" |
| C1435-5 | 10 | 1/4 x 1-1/2" |
| C1435-6 | 10 | 1/4 x 2" |
| C1435-7 | 5 | 1/4 x 2-1/2" |
| C1435-8 | 8 | 5/16 x 1-1/2" |
| C1435-9 | 8 | 5/16 x 2" |
| C1435-10 | 5 | 5/16 x 2-1/2" |
| C1435-11 | 2 | 3/8 x 2" |
| C1435-12 | 2 | 3/8 x 2-1/2" |



Bulk Packs: page 129

CA1460 POLYPROPYLENE WASHERS

METRIC & IMPERIAL

| | | |
|----------|-----------|-----------------|
| C1460-1 | 30 / pack | 1/2 x 3/4" |
| C1460-2 | 10 | 5/8 x 7/8" |
| C1460-3 | 20 | 3/4 x 1-1/8" |
| C1460-4 | 10 | 13/16 x 1-3/16" |
| C1460-5 | 10 | 7/8 x 1-1/4" |
| C1460-6 | 10 | 1 x 1-3/8" |
| C1460-8 | 3 | 18 x 27mm |
| C1460-9 | 10 | 30 x 38mm |
| C1460-10 | 10 | 14 x 20mm |
| C1460-11 | 10 | 0.530 x 3/4" |



CA1480 HEX SET SCREWS & NUTS

METRIC GR8.8, ISO & FINE PITCH

| | | |
|---------|-----------|------------------------|
| C431-8 | 15 / pack | M6 x 40 x 1.00mm |
| C431-10 | 12 | M8 x 25 x 1.25mm |
| C431-11 | 10 | M8 x 35 x 1.25mm |
| C431-13 | 8 | M8 x 50 x 1.25mm |
| C480-12 | 10 | M8 x 40 x 1.00mm |
| C480-13 | 8 | M10 x 25 x 1.25mm |
| C480-14 | 6 | M10 x 35 x 1.25mm |
| C480-15 | 4 | M10 x 50 x 1.25mm |
| C480-16 | 3 | M12 x 45 x 1.25 w/Nuts |
| C431-21 | 40 | M8 x 1.25mm Nuts |
| C480-22 | 20 | M10 x 1.25mm Nuts |



Bulk Packs: page 142-147

CA1630 SELF-TAPPING SCREWS

ZINC PLATED

| | | |
|----------|------------|----------------------------|
| C1630-1 | 100 / pack | 6G x 3/4" Rsd.Hd. Phillips |
| C1630-2 | 100 | 6G x 1" Rsd.Hd. Phillips |
| C1630-3 | 100 | 8G x 3/4" Rsd.Hd. Phillips |
| C1630-4 | 50 | 8G x 1" Rsd.Hd. Phillips |
| C1630-5 | 50 | 10G x 1" Rsd.Hd. Phillips |
| C1630-6 | 100 | 6G x 1/2" Pan Hd. Slot |
| C1630-7 | 100 | 6G x 3/4" Pan Hd. Slot |
| C1630-8 | 100 | 8G x 1/2" Pan Hd. Slot |
| C1630-9 | 100 | 8G x 3/4" Pan Hd. Slot |
| C1630-10 | 75 | 8G x 1" Pan Hd. Slot |



Bulk Packs: page 130

REPLACEMENT PACKS

CA1630 SELF-TAPPING SCREWS *Continued*

ZINC PLATED

| | | |
|----------|------------|---------------------------|
| C1630-11 | 100 / pack | 10G x 1/2" Pan Hd. Slot |
| C1630-12 | 75 | 10G x 3/4" Pan Hd. Slot |
| C1630-13 | 50 | 10G x 1" Pan Hd. Slot |
| C1630-14 | 30 | 10G x 1-1/2" Pan Hd. Slot |
| C1630-15 | 50 | 8G x 1" Hex Hd. Slot |
| C1630-16 | 100 | 10G x 1/2" Hex Hd. Slot |
| C1630-17 | 50 | 10G x 3/4" Hex Hd. Slot |
| C1630-18 | 50 | 12G x 1" Hex Hd. Slot |
| C1630-19 | 50 | 14G x 3/4" Hex Hd. Slot |
| C1630-20 | 100 | 6G Cup Washers |
| C1630-21 | 100 | 8G Cup Washers |
| C1630-22 | 50 | 10G Cup Washers |

Bulk Packs: p129-130

CA1660 COPPER WASHERS

METRIC, 1mm THICK

| | | |
|----------|-----------|------------|
| C1660-1 | 40 / pack | 5 x 10mm |
| C1660-2 | 40 | 6 x 12.5mm |
| C1660-3 | 40 | 8 x 16mm |
| C1660-4 | 40 | 10 x 20mm |
| C1660-5 | 35 | 12 x 22mm |
| C1660-6 | 20 | 14 x 24mm |
| C1660-7 | 20 | 16 x 25mm |
| C1660-8 | 15 | 20 x 30mm |
| C1660-9 | 5 | 22 x 35mm |
| C1660-10 | 5 | 24 x 38mm |

Bulk Packs: page 133

CA1670 FLAT WASHERS, EXTRA HEAVY DUTY

IMPERIAL, UP TO 9G THICK

| | | |
|---------|-----------|--------------------|
| C1670-1 | 80 / pack | 3/16 x 9/16" x 16G |
| C1670-2 | 80 | 1/4 x 3/4" x 16G |
| C1670-3 | 60 | 5/16 x 7/8" x 14G |
| C1670-4 | 40 | 3/8 x 7/8" x 14G |
| C1670-5 | 40 | 7/16 x 1" x 10G |
| C1670-6 | 15 | 1/2 x 1-1/4" x 10G |
| C1670-7 | 5 | 5/8 x 1-3/4" x 9G |
| C1670-8 | 5 | 3/4 x 2" x 9G |

Bulk Packs: page 134

CA1680 POLYPROPYLENE WASHERS

IMPERIAL, 1/32" THICK

| | | |
|----------|-----------|-----------------|
| C1680-1 | 30 / pack | 1/8 x 5/16" |
| C1680-2 | 30 | 5/32 x 3/8" |
| C1680-3 | 30 | 3/16 x 1/2" |
| C1680-4 | 30 | 7/32 x 1/2" |
| C1680-5 | 50 | 1/4 x 9/16" |
| C1680-6 | 50 | 5/16 x 5/8" |
| C1680-7 | 50 | 3/8 x 3/4" |
| C1680-8 | 50 | 7/16 x 13/16" |
| C1680-9 | 50 | 1/2 x 7/8" |
| C1680-10 | 30 | 9/16 x 15/16" |
| C1680-11 | 30 | 5/8 x 1" |
| C1680-12 | 15 | 11/16 x 1-1/16" |
| C1680-13 | 15 | 3/4 x 1-1/8" |
| C1680-14 | 10 | 13/16 x 1-3/16" |
| C1680-15 | 10 | 7/8 x 1-3/8" |
| C1680-16 | 10 | 1 x 1-1/2" |

CA1690 TAPER PINS

SMALL SIZES

| | | |
|----------|-----------|---------------|
| C1690-1 | 10 / pack | No.0 x 1" |
| C1690-2 | 10 | No.0 x 1-1/2 |
| C1690-3 | 10 | No.1 x 1" |
| C1690-4 | 10 | No.1 x 1-1/2" |
| C1690-5 | 10 | No.2 x 1" |
| C1690-6 | 10 | No.2 x 1-1/4 |
| C1690-7 | 10 | No.2 x 1-1/2" |
| C1690-8 | 10 | No.2 x 2" |
| C1690-9 | 10 | No.3 x 3/4" |
| C1690-10 | 10 | No.3 x 1-1/2" |
| C1690-11 | 10 | No.3 x 2" |
| C1690-12 | 10 | No.4 x 1-1/2" |
| C1690-13 | 10 | No.4 x 2" |
| C1690-14 | 10 | No.5 x 2" |

Bulk Packs: page 132

CA1700 TAPER PINS

LARGE SIZES

Assortment contents listed below

| | | |
|----------|-------|-------------|
| B-TP1064 | 2 qty | #10 x 4" |
| B-TP1096 | 1 | #10 x 6" |
| B-TP440 | 4 | #4 x 2-1/2" |
| B-TP548 | 4 | #5 x 3" |
| B-TP632 | 4 | #6 x 2" |
| B-TP640 | 2 | #6 x 2-1/2" |
| B-TP648 | 2 | #6 x 3" |
| B-TP736 | 2 | #7 x 2-1/4" |
| B-TP748 | 2 | #7 x 3" |
| B-TP848 | 2 | #8 x 3" |
| B-TP864 | 2 | #8 x 4" |
| B-TP896 | 2 | #8 x 6" |
| B-TP964 | 2 | #9 x 4" |
| B-TP996 | 2 | #9 x 6" |

Bulk Packs: page 132

CA1705 WOODRUFF KEYS

METRIC

| | | |
|----------|-----------|------------|
| C1705-1 | 10 / pack | 2 x 10mm |
| C1705-2 | 15 | 2.5 x 10mm |
| C1705-3 | 15 | 3 x 10mm |
| C1705-4 | 15 | 3 x 13mm |
| C1705-5 | 15 | 3 x 16mm |
| C1705-6 | 15 | 3 x 19mm |
| C1705-7 | 8 | 4 x 13mm |
| C1705-8 | 8 | 4 x 16mm |
| C1705-9 | 8 | 4 x 19mm |
| C1705-10 | 8 | 5 x 16mm |
| C1705-11 | 8 | 5 x 19mm |
| C1705-12 | 10 | 5 x 22mm |
| C1705-13 | 8 | 6 x 22mm |
| C1705-14 | 8 | 6 x 28mm |
| C1705-15 | 5 | 8 x 28mm |
| C1705-16 | 5 | 8 x 32mm |
| C1705-17 | 3 | 10 x 32mm |

Bulk Packs: page 135

| CA1710 SELF-TAPPING SCREWS | | |
|--------------------------------|-----------|--------------|
| PAN HEAD PHILLIPS, ZINC PLATED | | |
| C1710-1 | 40 / pack | 6G x 3/8" |
| C1710-2 | 30 | 6G x 1/2" |
| C1710-3 | 30 | 6G x 3/4" |
| C1710-4 | 30 | 8G x 3/8" |
| C1710-5 | 40 | 8G x 1/2" |
| C1710-6 | 30 | 8G x 3/4" |
| C1710-7 | 30 | 8G x 1" |
| C1710-8 | 25 | 8G x 1-1/2" |
| C1710-9 | 40 | 10G x 1/2" |
| C1710-10 | 30 | 10G x 3/4" |
| C1710-11 | 25 | 10G x 1" |
| C1710-12 | 20 | 10G x 1-1/2" |
| C1710-13 | 15 | 10G x 2" |
| C1710-14 | 30 | 12G x 1" |

Bulk Packs: p129-130

| CA1715 ROLL PINS | | |
|---------------------|-----------|--------------|
| METRIC, SMALL SIZES | | |
| C1715-1 | 20 / pack | 2.0mm x 12mm |
| C1715-2 | 20 | 2.0mm x 20mm |
| C1715-3 | 20 | 2.0mm x 25mm |
| C1715-4 | 20 | 2.5mm x 12mm |
| C1715-5 | 20 | 2.5mm x 16mm |
| C1715-6 | 20 | 2.5mm x 20mm |
| C1715-7 | 20 | 2.5mm x 25mm |
| C1715-8 | 20 | 3.0mm x 16mm |
| C1715-9 | 20 | 3.0mm x 20mm |
| C1715-10 | 20 | 3.0mm x 25mm |
| C1715-11 | 20 | 4.0mm x 16mm |
| C1715-12 | 20 | 4.0mm x 20mm |
| C1715-13 | 20 | 4.0mm x 25mm |
| C1715-14 | 20 | 5.0mm x 20mm |
| C1715-15 | 20 | 5.0mm x 25mm |
| C1715-16 | 20 | 6.0mm x 20mm |
| C1715-17 | 20 | 6.0mm x 25mm |
| C1715-18 | 20 | 6.0mm x 30mm |

Bulk Packs: page 129

| CA1720 SELF-TAPPING SCREWS | | |
|----------------------------|-----------|--------------|
| BLACK MUSHROOM HEAD | | |
| C1720-1 | 40 / pack | 6G x 3/8" |
| C1720-2 | 30 | 6G x 1/2" |
| C1720-3 | 30 | 6G x 3/4" |
| C1720-4 | 30 | 8G x 3/8" |
| C1720-5 | 40 | 8G x 1/2" |
| C1720-6 | 30 | 8G x 3/4" |
| C1720-7 | 30 | 8G x 1" |
| C1720-8 | 25 | 8G x 1-1/2" |
| C1720-9 | 40 | 10G x 1/2" |
| C1720-10 | 30 | 10G x 3/4" |
| C1720-11 | 25 | 10G x 1" |
| C1720-12 | 20 | 10G x 1-1/2" |
| C1720-13 | 15 | 10G x 2" |
| C1720-14 | 30 | 12G x 1" |

Bulk Packs: page 129

| CA1725 ROLL PINS | | |
|---------------------|-----------|-----------|
| METRIC, LARGE SIZES | | |
| C1725-1 | 10 / pack | 5 x 30mm |
| C1725-2 | 10 | 5 x 40mm |
| C1725-3 | 10 | 6 x 40mm |
| C1725-4 | 10 | 6 x 50mm |
| C1725-5 | 5 | 6 x 60mm |
| C1725-6 | 10 | 8 x 30mm |
| C1725-7 | 8 | 8 x 40mm |
| C1725-8 | 5 | 8 x 50mm |
| C1725-9 | 5 | 8 x 60mm |
| C1725-10 | 5 | 10 x 40mm |
| C1725-11 | 2 | 10 x 50mm |
| C1725-12 | 2 | 10 x 60mm |

Bulk Packs: page 129

| CA1730 PANEL (BODY) WASHERS | | |
|--------------------------------------|-----------|-------------------------|
| PANEL (BODY) STEEL & STAINLESS STEEL | | |
| C1730-1 | 10 / pack | 3/16 x 1" Steel |
| C1730-2 | 15 | 1/4 x 1-1/4" Steel |
| C1730-3 | 40 | 5/16 x 1-1/4" Steel |
| C1730-4 | 40 | 3/8 x 1-1/4" Steel |
| C1730-5 | 8 | 1/2 x 1-1/2" Steel |
| C1730-6 | 10 | 1/4 x 1-1/4" Stainless |
| C1730-7 | 10 | 5/16 x 1-1/4" Stainless |
| C1730-8 | 10 | 3/8 x 1-1/4" Stainless |

Bulk Packs: page 134

| CA1735 PLASTIC TRIM CLIPS & SCREW GROMMETS | | |
|--------------------------------------------|-----------|------------------------------|
| C1735-1 | 10 / pack | Black Xmas Tree Clip 16mm |
| C1735-2 | 10 | Black Xmas Tree Clip 20mm |
| C1735-3 | 10 | Black Xmas Tree Clip 18mm |
| C1735-4 | 20 | Black Canoe Clip 14mm |
| C1735-5 | 10 | Brown Canoe Clip 14mm |
| C1735-6 | 10 | Black Canoe Clip 19mm |
| C1735-7 | 10 | Door Panel Clip |
| C1735-8 | 10 | Door Panel Clip Universal |
| C1735-9 | 20 | Door Trim Bush |
| C1735-10 | 30 | Weather Seal Clip |
| C1735-11 | 10 | Screw Grom. 3/8 x 3/8" (10G) |
| C1735-12 | 10 | Screw Grom. 6.9 x 7.3mm (6G) |
| C1735-13 | 10 | Screw Grom. 3/8 x 3/8" (6G) |
| C1735-14 | 10 | Screw Grom. 8.3 x 8.3mm (8G) |

Bulk Packs: p119-123

| CA1740 NYLON WASHERS | | |
|----------------------|-----------|-----------------|
| METRIC & IMPERIAL | | |
| C1740-1 | 20 / pack | 12 x 20mm |
| C1740-2 | 20 | 14 x 22mm |
| C1740-3 | 20 | 16 x 24mm |
| C1740-4 | 20 | 18 x 28mm |
| C1740-5 | 10 | 25 x 35mm |
| C1740-6 | 20 | 1/2 x 3/4" |
| C1740-7 | 10 | 0.530 x 3/4" |
| C1740-8 | 10 | 5/8 x 15/16" |
| C1740-9 | 10 | 11/16 x 1" |
| C1740-10 | 10 | 3/4 x 1-1/8" |
| C1740-11 | 10 | 13/16 x 1-3/16" |

Bulk Packs: page 134

REPLACEMENT PACKS

| CA1745 'R' CLIPS | | |
|------------------|-----------|--------------------|
| C1745-1 | 20 / pack | 1/8 to 3/16" Shaft |
| C1745-2 | 20 | 3/16 to 1/4" Shaft |
| C1745-3 | 20 | 1/4 to 3/8" Shaft |
| C1745-4 | 20 | 5/16 to 1/2" Shaft |
| C1745-5 | 20 | 3/8 to 1/2" Shaft |
| C1745-6 | 10 | 7/16 to 3/4" Shaft |
| C1745-7 | 10 | 5/8 to 7/8" Shaft |
| C1745-8 | 4 | 3/4 to 1" Shaft |



Bulk Packs: page 128

| CA1750 SHIM STEEL WASHERS .006" THICK | | |
|------------------------------------------|-----------|-----------------|
| C1750-1 | 10 / pack | 3/16 x 1/2" |
| C1750-2 | 30 | 1/4 x 9/16" |
| C1750-3 | 30 | 5/16 x 5/8" |
| C1750-4 | 30 | 3/8 x 3/4" |
| C1750-5 | 15 | 7/16 x 13/16" |
| C1750-6 | 15 | 1/2 x 7/8" |
| C1750-7 | 10 | 9/16 x 15/16" |
| C1750-8 | 10 | 5/8 x 1" |
| C1750-9 | 10 | 11/16 x 1-1/16" |
| C1750-10 | 10 | 3/4 x 1-1/8" |
| C1750-11 | 5 | 13/16 x 1-3/16" |
| C1750-12 | 5 | 7/8 x 1-1/4" |
| C1750-13 | 5 | 15/16 x 1-3/8" |
| C1750-14 | 5 | 1 x 1-1/2" |



| CA1755 FLAT STEEL WASHERS HIGH TENSILE, IMPERIAL | | |
|-----------------------------------------------------|-----------|----------------------|
| C1755-1 | 25 / pack | 1/4 x 5/8" x 16G |
| C1755-2 | 25 | 5/16 x 11/16" x 16G |
| C1755-3 | 25 | 3/8 x 13/16" x 16G |
| C1755-4 | 25 | 7/16 x 59/64" x 16G |
| C1755-5 | 25 | 1/2 x 1-1/16" x 11G |
| C1755-6 | 15 | 9/16 x 1-3/16" x 11G |
| C1755-7 | 10 | 5/8 x 1-5/16" x 10G |
| C1755-8 | 10 | 3/4 x 1-15/32" x 10G |
| C1755-9 | 10 | 7/8 x 1-3/4" x 9G |
| C1755-10 | 5 | 1 x 2" x 9G |



Bulk Packs: page 134

| CA1760 CIRCLIPS METRIC, EXTERNAL & INTERNAL | | |
|------------------------------------------------|-----------|---------------|
| C1760-1 | 20 / pack | 6mm External |
| C1760-2 | 20 | 8mm External |
| C1760-3 | 20 | 10mm External |
| C1760-4 | 20 | 12mm External |
| C1760-5 | 20 | 14mm External |
| C1760-6 | 10 | 16mm External |
| C1760-7 | 5 | 20mm External |
| C1760-8 | 5 | 22mm External |
| C1760-9 | 5 | 25mm External |
| C1760-10 | 10 | 12mm Internal |
| C1760-11 | 5 | 16mm Internal |
| C1760-12 | 5 | 20mm Internal |
| C1760-13 | 5 | 22mm Internal |
| C1760-14 | 5 | 25mm Internal |



Bulk Packs: page 124

| CA1765 LOCK RINGS | | |
|-------------------|------------|-------|
| EXTERNAL SPN TYPE | | |
| C1765-1 | 100 / pack | 1.5mm |
| C1765-2 | 100 | 2mm |
| C1765-3 | 100 | 2.4mm |
| C1765-4 | 100 | 3mm |
| C1765-5 | 100 | 4mm |
| C1765-6 | 100 | 5mm |
| C1765-7 | 100 | 6mm |
| C1765-8 | 50 | 8mm |
| C1765-9 | 50 | 10mm |
| C1765-10 | 25 | 12mm |



Bulk Packs: page 126

| CA1770 ALUMINIUM WASHERS 1/16" THICK, IMPERIAL & METRIC | | |
|------------------------------------------------------------|-----------|---------------|
| C1770-1 | 30 / pack | 1/4 x 1/2" |
| C1770-2 | 40 | 5/16 x 9/16" |
| C1770-3 | 30 | 3/8 x 5/8" |
| C1770-4 | 30 | 7/16 x 3/4" |
| C1770-5 | 20 | 1/2 x 7/8" |
| C1770-6 | 10 | 9/16 x 15/16" |
| C1770-7 | 20 | 5/8 x 1" |
| C1770-8 | 10 | 3/4 x 1-1/8" |
| C1770-9 | 5 | 7/8 x 1-1/4" |
| C1770-10 | 5 | 1 x 1-3/8" |
| C1770-11 | 30 | 5 x 10mm |
| C1770-12 | 30 | 6 x 12mm |
| C1770-13 | 30 | 10 x 20mm |
| C1770-14 | 20 | 12 x 22mm |
| C1770-15 | 5 | 20 x 30mm |





Bulk Packs: page 132


| CA1772 TORX® SECURITY MACHINE SCREWS METRIC, TX, PAN, ZINC PLATED | | |
|----------------------------------------------------------------------|-----------|-----------|
| C1772-1 | 25 / pack | M4 x 10mm |
| C1772-2 | 25 | M4 x 16mm |
| C1772-3 | 25 | M4 x 20mm |
| C1772-4 | 25 | M4 x 25mm |
| C1772-5 | 25 | M4 x 30mm |
| C1772-6 | 25 | M5 x 10mm |
| C1772-7 | 25 | M5 x 16mm |
| C1772-8 | 25 | M5 x 20mm |
| C1772-9 | 25 | M5 x 25mm |
| C1772-10 | 25 | M5 x 30mm |
| C1772-11 | 25 | M6 x 10mm |
| C1772-12 | 25 | M6 x 16mm |
| C1772-13 | 25 | M6 x 20mm |
| C1772-14 | 20 | M6 x 25mm |
| C1772-15 | 20 | M6 x 30mm |





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| CA1774 TORX® SECURITY MACHINE SCREWS | | | |
|--------------------------------------|-----------|-----------|-----------------------------------------------------------------------------------|
| METRIC, TX, COUNTERSUNK, ZINC PLATED | | | |
| C1774-1 | 25 / pack | M4 x 10mm |  |
| C1774-2 | 25 | M4 x 16mm | |
| C1774-3 | 25 | M4 x 20mm | |
| C1774-4 | 25 | M4 x 25mm | |
| C1774-5 | 25 | M5 x 10mm | |
| C1774-6 | 25 | M5 x 16mm | |
| C1774-7 | 25 | M5 x 20mm | |
| C1774-8 | 25 | M5 x 25mm | |
| C1774-9 | 25 | M6 x 10mm | |
| C1774-10 | 25 | M6 x 16mm | |
| C1774-11 | 25 | M6 x 20mm | |
| C1774-12 | 25 | M6 x 25mm | |
| C1774-13 | 25 | M6 x 30mm | |

| CA1776 TORX® SECURITY SELF-TAPPING SCREWS | | | |
|-------------------------------------------|-----------|--------------|------------------------------------------------------------------------------------|
| IMPERIAL, TX, PAN, ZINC PLATED | | | |
| C1776-1 | 25 / pack | 6G x 1/2" |  |
| C1776-2 | 25 | 6G x 5/8" | |
| C1776-3 | 25 | 6G x 3/4" | |
| C1776-4 | 25 | 6G x 1" | |
| C1776-5 | 25 | 6G x 1-1/4" | |
| C1776-6 | 25 | 6G x 1-1/2" | |
| C1776-7 | 25 | 8G x 1/2" | |
| C1776-8 | 25 | 8G x 5/8" | |
| C1776-9 | 25 | 8G x 3/4" | |
| C1776-10 | 25 | 8G x 1" | |
| C1776-11 | 25 | 8G x 1-1/4" | |
| C1776-12 | 25 | 8G x 1-1/2" | |
| C1776-13 | 25 | 10G x 1/2" | |
| C1776-14 | 25 | 10G x 5/8" | |
| C1776-15 | 25 | 10G x 3/4" | |
| C1776-16 | 25 | 10G x 1-1/4" | |
| C1776-17 | 25 | 10G x 1-1/2" | |

| CA1778 TORX® SECURITY SELF-TAPPING SCREWS | | | |
|-------------------------------------------|-----------|--------------|-------------------------------------------------------------------------------------|
| IMPERIAL, TX, COUNTERSUNK, ZINC PLATED | | | |
| C1778-1 | 25 / pack | 6G x 1/2" |  |
| C1778-2 | 25 | 6G x 5/8" | |
| C1778-3 | 25 | 6G x 3/4" | |
| C1778-4 | 25 | 6G x 1-1/4" | |
| C1778-5 | 25 | 6G x 1-1/2" | |
| C1778-6 | 25 | 8G x 1/2" | |
| C1778-7 | 25 | 8G x 5/8" | |
| C1778-8 | 25 | 8G x 3/4" | |
| C1778-9 | 25 | 8G x 1" | |
| C1778-10 | 25 | 8G x 1-1/4" | |
| C1778-11 | 25 | 8G x 1-1/2" | |
| C1778-12 | 25 | 10G x 1/2" | |
| C1778-13 | 25 | 10G x 5/8" | |
| C1778-14 | 25 | 10G x 3/4" | |
| C1778-15 | 25 | 10G x 1" | |
| C1778-16 | 25 | 10G x 1-1/4" | |
| C1778-17 | 25 | 10G x 1-1/2" | |

| CA1780 STAR WASHERS | | | |
|-----------------------------|-----------|---------------|-------------------------------------------------------------------------------------|
| METRIC, EXTERNAL & INTERNAL | | | |
| C1780-1 | 50 / pack | 4mm External |  |
| C1780-2 | 50 | 5mm External | |
| C1780-3 | 50 | 6mm External | |
| C1780-4 | 50 | 8mm External | |
| C1780-5 | 50 | 10mm External | |
| C1780-6 | 20 | 12mm External | |
| C1780-7 | 10 | 16mm External | |
| C1780-8 | 50 | 4mm Internal | |
| C1780-9 | 50 | 5mm Internal | |
| C1780-10 | 50 | 6mm Internal | |
| C1780-11 | 50 | 8mm Internal | |
| C1780-12 | 50 | 10mm Internal | |
| C1780-13 | 20 | 12mm Internal | |
| C1780-14 | 10 | 16mm Internal | |

| CA1782 TORX® SECURITY SELF-DRILLING SCREWS | | | |
|--------------------------------------------|-----------|--------------|--------------------------------------------------------------------------------------|
| IMPERIAL, TX, PAN, ZINC PLATED | | | |
| C1782-1 | 25 / pack | 6G x 1/2" |  |
| C1782-2 | 25 | 6G x 5/8" | |
| C1782-3 | 25 | 6G x 3/4" | |
| C1782-4 | 25 | 6G x 1" | |
| C1782-5 | 25 | 8G x 1/2" | |
| C1782-6 | 25 | 8G x 5/8" | |
| C1782-7 | 25 | 8G x 3/4" | |
| C1782-8 | 25 | 8G x 1" | |
| C1782-9 | 25 | 8G x 1-1/4" | |
| C1782-10 | 25 | 8G x 1-1/2" | |
| C1782-11 | 25 | 10G x 5/8" | |
| C1782-12 | 25 | 10G x 3/4" | |
| C1782-13 | 25 | 10G x 1" | |
| C1782-14 | 25 | 10G x 1-1/4" | |
| C1782-15 | 25 | 10G x 1-1/2" | |


| CA1784 TORX® SECURITY BUTTON HEAD SCREWS | | | |
|------------------------------------------|-----------|----------|---------------------------------------------------------------------------------------|
| METRIC, TX, ZINC PLATED | | | |
| C1784-1 | 25 / pack | 4 x 16mm |  |
| C1784-2 | 25 | 4 x 20mm | |
| C1784-3 | 25 | 5 x 10mm | |
| C1784-4 | 25 | 5 x 16mm | |
| C1784-5 | 20 | 5 x 20mm | |
| C1784-6 | 20 | 5 x 25mm | |
| C1784-7 | 20 | 5 x 30mm | |
| C1784-8 | 20 | 6 x 16mm | |
| C1784-9 | 20 | 6 x 20mm | |
| C1784-10 | 10 | 6 x 25mm | |
| C1784-11 | 10 | 8 x 16mm | |
| C1784-12 | 10 | 8 x 20mm | |
| C1784-13 | 10 | 8 x 25mm | |
| C1784-14 | 10 | 8 x 30mm | |

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REPLACEMENT PACKS


| CA1786 MACHINE SCREWS | | | |
|--------------------------------------------|-----------|-----------|-----------------------------------------------------------------------------------|
| METRIC, PHILLIPS, COUNTERSUNK, ZINC PLATED | | | |
| C1786-1 | 25 / pack | M3 x 20mm |  |
| C1786-2 | 25 | M3 x 50mm | |
| C1786-3 | 25 | M4 x 16mm | |
| C1786-4 | 25 | M4 x 25mm | |
| C1786-5 | 25 | M4 x 35mm | |
| C1786-6 | 25 | M4 x 50mm | |
| C1786-7 | 25 | M5 x 20mm | |
| C1786-8 | 25 | M5 x 25mm | |
| C1786-9 | 25 | M5 x 35mm | |
| C1786-10 | 20 | M5 x 50mm | |
| C1786-11 | 50 | M6 x 16mm | |
| C1786-12 | 25 | M6 x 20mm | |
| C1786-13 | 25 | M6 x 25mm | |
| C1784-14 | 10 | M8 x 30mm | |


Bulk Packs: page 127


| CA1790 DRAIN (SUMP) PLUG WASHERS | | | |
|----------------------------------|-----------|-------------------|------------------------------------------------------------------------------------|
| ALUMINIUM, METRIC & IMPERIAL | | | |
| C1790-1 | 15 / pack | 12 x 22 x 2.5mm |  |
| C1790-2 | 10 | 14 x 24 x 2.5mm | |
| C1790-3 | 15 | 16 x 24 x 2.5mm | |
| C1790-4 | 15 | 18 x 28 x 2.5mm | |
| C1790-5 | 10 | 20 x 30 x 2.5mm | |
| C1790-6 | 10 | 22 x 32 x 2.5mm | |
| C1790-7 | 10 | 24 x 34 x 2.5mm | |
| C1790-8 | 15 | 1/2 x 7/8 x 3/32" | |

Bulk Packs: page 132

| CA1792 NYLON NUTS | | | |
|----------------------------|-----------|-------------------------|-------------------------------------------------------------------------------------|
| WING, DOME & HEX (PLASTIC) | | | |
| C1792-1 | 50 / pack | M5 x 0.8mm Hex Nuts |  |
| C1792-2 | 40 | M6 x 1mm Hex Nuts | |
| C1792-3 | 20 | M8 x 1.25mm Hex Nuts | |
| C1792-4 | 25 | M5 Wing Nuts | |
| C1792-5 | 25 | M6 Wing Nuts | |
| C1792-6 | 15 | M8 Wing Nuts | |
| C1792-7 | 40 | M5 x 0.8 Hex Dome Nuts | |
| C1792-8 | 25 | M6 x 1mm Hex Dome Nuts | |
| C1792-9 | 15 | M8 x 1.25 Hex Dome Nuts | |




| CA1794 WING NUTS | | | |
|--------------------------|-----------|--------------|-------------------------------------------------------------------------------------|
| METRIC, UNC, ZINC PLATED | | | |
| C1794-1 | 25 / pack | M4 x 0.7mm |  |
| C1794-2 | 25 | M5 x 0.8mm | |
| C1794-3 | 25 | M6 x 1.00mm | |
| C1794-4 | 25 | M8 x 1.25mm | |
| C1794-5 | 20 | M10 x 1.50mm | |
| C1794-6 | 25 | 3/16 UNC | |
| C1794-7 | 25 | 1/4 UNC | |
| C1794-8 | 25 | 5/16 UNC | |
| C1794-9 | 20 | 3/8 UNC | |

| CA1796 COUPLING NUTS | | | |
|-------------------------------|-----------|-------------------|-------------------------------------------------------------------------------------|
| METRIC, UNC, HEX, ZINC PLATED | | | |
| C1796-1 | 10 / pack | 5 x 20 x 0.8mm |  |
| C1796-2 | 10 | 6 x 25 x 1.00mm | |
| C1796-3 | 10 | 8 x 25 x 1.25mm | |
| C1796-4 | 8 | 10 x 40 x 1.50mm | |
| C1796-5 | 6 | 12 x 40 x 1.75mm | |
| C1796-6 | 10 | 3/16 x 3/4" UNC | |
| C1796-7 | 10 | 1/4 x 1" UNC | |
| C1796-8 | 10 | 5/16 x 1" UNC | |
| C1796-9 | 10 | 3/8 x 1-1/2" UNC | |
| C1796-10 | 8 | 7/16 x 1-1/2" UNC | |


| CA1798 WING SCREWS | | | |
|---------------------|-----------|----------|--------------------------------------------------------------------------------------|
| METRIC, ZINC PLATED | | | |
| C1798-1 | 15 / pack | 4 x 25mm |  |
| C1798-2 | 15 | 5 x 25mm | |
| C1798-3 | 15 | 5 x 30mm | |
| C1798-4 | 10 | 6 x 16mm | |
| C1798-5 | 10 | 6 x 20mm | |
| C1798-6 | 10 | 6 x 25mm | |
| C1798-7 | 10 | 6 x 30mm | |
| C1798-8 | 10 | 6 x 40mm | |


| CA1800 STAINLESS STEEL ASSORTMENT | | | |
|-----------------------------------|-----------|------------------------------|---------------------------------------------------------------------------------------|
| C1810-3 | 20 / pack | 6 x 3/8" Pan Hd, Phillips |  |
| C1810-5 | 20 | 6 x 3/4" Pan Hd, Phillips | |
| C1810-8 | 20 | 8 x 1/2" Pan Hd, Phillips | |
| C1810-10 | 10 | 8 x 1" Pan Hd, Phillips | |
| C1810-13 | 5 | 10 x 3/4" Pan Hd, Phillips | |
| C1810-15 | 5 | 10 x 1-1/2" Pan Hd, Phillips | |
| C1820-1 | 20 | 4 x 1/2" CSK, Phillips | |
| C1820-5 | 20 | 6 x 3/4" CSK, Phillips | |
| C1820-8 | 20 | 8 x 1/2" CSK, Phillips | |
| C1820-10 | 10 | 8 x 1" CSK, Phillips | |
| C1820-13 | 5 | 10 x 3/4" CSK, Phillips | |
| C1820-15 | 5 | 10 x 1-1/2" CSK, Phillips | |
| C1830-3 | 10 | 3/16 x 7/16" Flat Washers | |
| C1830-4 | 10 | 1/4 x 9/16" Flat Washers | |
| C1830-5 | 5 | 5/16 x 5/8" Flat Washers | |
| C1830-6 | 5 | 3/8 x 13/16" Flat Washers | |
| C1840-2 | 10 | 3/16" (5mm) Spring Washers | |
| C1840-3 | 10 | 1/4" Spring Washers | |
| C1840-4 | 5 | 5/16" (8mm) Spring Wash | |
| C1840-5 | 5 | 3/8" (10mm) Spring Wash | |
| C1850-2 | 10 | 1.6 x 32mm Split Pins | |
| C1850-5 | 10 | 2.5 x 50mm Split Pins | |
| C1850-8 | 10 | 3.2 x 50mm Split Pins | |
| C1850-9 | 10 | 4.0 x 50mm Split Pins | |
| C1860-13 | 10 | 3/16" Hex Nuts A2 | |
| C1860-14 | 6 | 1/4" Hex Nuts A2 | |
| C1860-10 | 2 | 1/4 x 2" Rnd Hd Screws | |


| CA1800 | STAINLESS STEEL ASSORTMENT <i>Continued</i> | | |
|----------|---------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------|
| C1860-5 | 4 / pack | 3/16 x 3/4" Rnd Hd Screws |  |
| C1860-6 | 4 | 3/16 x 1" Rnd Hd Screws | |
| C1860-7 | 2 | 3/16 x 1-1/2" Rnd Hd Screws | |
| C1860-8 | 4 | 1/4 x 1" Rnd Hd Screws | |
| C1870-4 | 4 | 6 x 16mm Set Screws | |
| C1870-6 | 4 | 6 x 25mm Set Screws | |
| C1870-7 | 2 | 6 x 40mm Set Screws | |
| C1870-9 | 4 | 8 x 25mm Set Screws | |
| C1870-11 | 2 | 8 x 40mm Set Screws | |
| C1870-16 | 10 | M6 x 1.00mm Hex Nuts | |
| C1870-17 | 6 | M8 x 1.25mm Hex Nuts |  |


| CA1808 | | STAINLESS STEEL GREASE NIPPLES | |
|-------------------|-----------|--------------------------------|-------------------------------------------------------------------------------------|
| METRIC & IMPERIAL | | | |
| C1808-1 | 10 / pack | 1/4" BSF Straight |  |
| C1808-2 | 20 | 1/4" UNF Straight | |
| C1808-3 | 10 | 1/8" NPT Straight | |
| C1808-4 | 20 | 1/8" BSP Straight | |
| C1808-5 | 10 | 1/8" NPT 90° | |
| C1808-6 | 10 | 1/8" BSP 90° | |
| C1808-7 | 10 | 1/4 x 1-1/4" UNF |  |
| C1808-8 | 10 | 1/4" UNF 45° | |
| C1808-9 | 10 | M8 x 1.25mm Straight | |
| C1808-10 | 20 | M6 x 1.00mm Straight |  |
| C1808-11 | 10 | M8 x 1.00mm Straight | |
| C1808-12 | 10 | M6 x 1.00mm 45° | |
| C1808-13 | 10 | M6 x 1.00mm 90° | |
| C1808-14 | 10 | 10 x 1.00 Straight | |

Bulk Packs: page 126


| CA1810 | | STAINLESS STEEL SELF-TAPPING SCREWS | |
|----------------------------|-----------|-------------------------------------|-------------------------------------------------------------------------------------|
| PAN HEAD, PHILLIPS, 304/A2 | | | |
| C1810-1 | 25 / pack | 4G x 1/2" |  |
| C1810-2 | 25 | 4G x 5/8" | |
| C1810-3 | 30 | 6G x 3/8" | |
| C1810-4 | 30 | 6G x 1/2" | |
| C1810-5 | 25 | 6G x 3/4" | |
| C1810-6 | 30 | 6G x 1" | |
| C1810-7 | 30 | 8G x 3/8" | |
| C1810-8 | 30 | 8G x 1/2" | |
| C1810-9 | 30 | 8G x 3/4" | |
| C1810-10 | 30 | 8G x 1" | |
| C1810-11 | 20 | 8G x 1-1/2" | |
| C1810-12 | 30 | 10G x 1/2" | |
| C1810-13 | 30 | 10G x 3/4" | |
| C1810-14 | 30 | 10G x 1" | |
| C1810-15 | 20 | 10G x 1-1/2" | |

| CA1815 | | STAINLESS STEEL ROLL PINS | |
|----------------|-----------|---------------------------|-------------------------------------------------------------------------------------|
| METRIC, 304/A2 | | | |
| C1815-1 | 20 / pack | 2 x 12mm |  |
| C1815-2 | 20 | 2.5 x 12mm | |
| C1815-3 | 20 | 2.5 x 26mm | |
| C1815-4 | 20 | 3 x 20mm | |
| C1815-5 | 20 | 3 x 26mm | |
| C1815-6 | 15 | 3.5 x 16mm | |













| CA1815 | STAINLESS STEEL ROLL PINS | | Continued |
|----------------|---------------------------|------------|-------------------------------------------------------------------------------------|
| METRIC, 304/A2 | | | |
| C1815-7 | 15 / pack | 3.5 x 20mm |  |
| C1815-8 | 15 | 4 x 20mm | |
| C1815-9 | 15 | 4.5 x 26mm | |
| C1815-10 | 10 | 5 x 20mm | |
| C1815-11 | 10 | 5 x 26mm | |
| C1815-12 | 10 | 6 x 20mm | |
| C1815-13 | 10 | 6 x 26mm | |
| C1815-14 | 10 | 6 x 30mm | |















| CA1816 | | STAINLESS STEEL (GRUB) SCREWS | |
|---------------------|-----------|-------------------------------|--------------------------------------------------------------------------------------|
| BSW, METRIC, 316/A4 | | | |
| C1816-1 | 10 / pack | 3/16 x 3/16" BSW |  |
| C1816-2 | 10 | 3/16 x 3/8" BSW | |
| C1816-3 | 10 | 1/4 x 1/4" BSW | |
| C1816-4 | 10 | 1/4 x 1/2" BSW | |
| C1816-5 | 10 | 5/16 x 5/16" BSW | |
| C1816-6 | 10 | 5/16 x 5/8" BSW | |
| C1816-7 | 10 | 3/8 x 5/8" BSW | |
| C1816-8 | 10 | 3/8 x 1" BSW | |
| C1816-9 | 10 | M5 x 5mm | |
| C1816-10 | 10 | M5 x 10mm | |
| C1816-11 | 10 | M6 x 6mm | |
| C1816-12 | 10 | M6 x 12mm | |
| C1816-13 | 10 | M8 x 8mm | |
| C1816-14 | 10 | M8 x 16mm | |

| CA1817 | | STAINLESS STEEL CAP SCREWS | |
|----------------|-----------|----------------------------|---------------------------------------------------------------------------------------|
| METRIC, 316/A4 | | | |
| C1817-1 | 10 / pack | M5 x 10mm |  |
| C1817-2 | 6 | M5 x 25mm | |
| C1817-3 | 6 | M5 x 35mm | |
| C1817-4 | 10 | M6 x 10mm | |
| C1817-5 | 6 | M6 x 16mm | |
| C1817-6 | 6 | M6 x 20mm | |
| C1817-7 | 6 | M6 x 25mm | |
| C1817-8 | 6 | M6 x 40mm | |
| C1817-9 | 6 | M8 x 16mm | |
| C1817-10 | 6 | M8 x 20mm | |
| C1817-11 | 6 | M8 x 25mm | |
| C1817-12 | 6 | M8 x 35mm | |
| C1817-13 | 6 | M8 x 40mm | |
| C1817-14 | 4 | M10 x 25mm | |

| CA1818 | | STAINLESS STEEL CAP SCREWS | |
|-------------|-----------|----------------------------|---------------------------------------------------------------------------------------|
| BSW, 316/A4 | | | |
| C1818-1 | 10 / pack | 3/16 x 1/2" |  |
| C1818-2 | 6 | 3/16 x 3/4" | |
| C1818-3 | 6 | 3/16 x 1" | |
| C1818-4 | 10 | 1/4 x 1/2" | |
| C1818-5 | 6 | 1/4 x 3/4" | |
| C1818-6 | 6 | 1/4 x 1" | |
| C1818-7 | 6 | 1/4 x 1-1/4" | |
| C1818-8 | 6 | 1/4 x 1-1/2" | |
| C1818-9 | 6 | 5/16 x 1/2" | |
| C1818-10 | 6 | 5/16 x 3/4" | |
| C1818-11 | 6 | 5/16 x 1" | |
| C1818-12 | 6 | 5/16 x 1-1/4" | |
| C1818-13 | 6 | 5/16 x 1-1/2" | |
| C1818-14 | 5 | 3/8 x 1" | |

REPLACEMENT PACKS

| CA1820 STAINLESS STEEL SELF-TAPPING SCREWS | | | |
|---------------------------------------------|-----------|---------------|-------------------------------------------------------------------------------------|
| IMPERIAL, COUNTERSUNK, PHILLIPS, 304/A2 | | | |
| C1820-1 | 25 / pack | 4G x 1/2" |  |
| C1820-2 | 25 | 4G x 5/8" | |
| C1820-3 | 30 | 6G x 3/8" | |
| C1820-4 | 30 | 6G x 1/2" |  |
| C1820-5 | 25 | 6G x 3/4" | |
| C1820-6 | 30 | 6G x 1" | |
| C1820-7 | 30 | 8G x 3/8" |  |
| C1820-8 | 30 | 8G x 1/2" | |
| C1820-9 | 30 | 8G x 3/4" | |
| C1820-10 | 30 | 8G x 1" |  |
| C1820-11 | 20 | 8G x 1-1/2" | |
| C1820-12 | 30 | 10G x 1/2" | |
| C1820-13 | 30 | 10G x 3/4" |  |
| C1820-14 | 30 | 10G x 1" | |
| C1820-15 | 20 | 10G x 1-1/2" | |
| CA1824 STAINLESS STEEL 'E' CLIPS | | | |
| METRIC, 304/A2 | | | |
| C1824-1 | 50 / pack | 1.9mm |  |
| C1824-2 | 50 | 3.2mm | |
| C1824-3 | 50 | 5mm | |
| C1824-4 | 50 | 6mm |  |
| C1824-5 | 50 | 8mm | |
| C1824-6 | 25 | 10mm | |
| C1824-7 | 25 | 12mm |  |
| C1824-8 | 25 | 15mm | |
| CA1830 STAINLESS STEEL FLAT & PANEL WASHERS | | | |
| IMPERIAL & METRIC, 304/A2 | | | |
| C1830-1 | 50 / pack | 1/8 x 5/16" |  |
| C1830-2 | 50 | 5/32 x 3/8" | |
| C1830-3 | 50 | 3/16 x 7/16" | |
| C1830-4 | 30 | 1/4 x 9/16" |  |
| C1830-5 | 30 | 5/16 x 5/8" | |
| C1830-6 | 25 | 3/8 x 13/16" | |
| C1830-7 | 20 | 7/16 x 7/8" |  |
| C1830-8 | 20 | 1/2 x 1" | |
| C1830-9 | 5 | 5/8 x 1-1/4" | |
| C1830-10 | 5 | 3/4 x 1-1/2" |  |
| C1830-11 | 40 | M6 x 13mm | |
| C1830-12 | 20 | M12 x 24mm | |
| C1830-13 | 10 | 3/16 x 1" | |
| C1830-14 | 10 | 1/4 x 1-1/4" | |
| C1830-15 | 10 | 5/16 x 1-1/4" | |
| C1830-16 | 10 | 3/8 x 1-1/4" | |

| CA1840 STAINLESS STEEL SPRING WASHERS | | | |
|----------------------------------------------|-----------|---------------|---------------------------------------------------------------------------------------|
| IMPERIAL, 304/A2 | | | |
| C1840-1 | 50 / pack | 5/32" (4mm) |  |
| C1840-2 | 50 | 3/16" (5mm) | |
| C1840-3 | 50 | 1/4" | |
| C1840-4 | 40 | 5/16" (8mm) |  |
| C1840-5 | 25 | 3/8" (10mm) | |
| C1840-6 | 20 | 7/16" | |
| C1840-7 | 15 | 1/2" |  |
| C1840-8 | 10 | 9/16" (14mm) | |
| C1840-9 | 10 | 5/8" (16mm) | |
| C1840-10 | 5 | 3/4" |  |
| C1840-11 | 50 | 6mm | |
| C1840-12 | 20 | 12mm | |
| CA1850 STAINLESS STEEL SPLIT PINS | | | |
| METRIC, 304/A2 | | | |
| C1850-1 | 25 / pack | 1.6 x 20mm |  |
| C1850-2 | 25 | 1.6 x 32mm | |
| C1850-3 | 25 | 2.5 x 25mm | |
| C1850-4 | 25 | 2.5 x 32mm |  |
| C1850-5 | 25 | 2.5 x 50mm | |
| C1850-6 | 25 | 3.2 x 25mm | |
| C1850-7 | 25 | 3.2 x 32mm |  |
| C1850-8 | 20 | 3.2 x 50mm | |
| C1850-9 | 20 | 4.0 x 50mm | |
| C1850-10 | 10 | 5.0 x 50mm | |
| CA1860 STAINLESS STEEL MACHINE SCREWS & NUTS | | | |
| BSW, 304/A2 | | | |
| C1860-1 | 15 / pack | 1/8 x 3/4" |  |
| C1860-2 | 15 | 1/8 x 1-1/4" | |
| C1860-3 | 15 | 5/32 x 3/4" | |
| C1860-4 | 15 | 5/32 x 1-1/4" |  |
| C1860-5 | 15 | 3/16 x 3/4" | |
| C1860-6 | 15 | 3/16 x 1" | |
| C1860-7 | 15 | 3/16 x 1-1/2" |  |
| C1860-8 | 10 | 1/4 x 1" | |
| C1860-9 | 8 | 1/4 x 1-1/2" | |
| C1860-10 | 5 | 1/4 x 2" |  |
| C1860-11 | 30 | 1/8" Nuts | |
| C1860-12 | 30 | 5/32" Nuts | |
| C1860-13 | 45 | 3/16" Nuts |  |
| C1860-14 | 23 | 1/4" Nuts | |
| CA1861 STAINLESS STEEL INTERNAL CIRCLIPS | | | |
| METRIC, 304/A2 | | | |
| C1861-1 | 10 / pack | 10mm |  |
| C1861-2 | 10 | 12mm | |
| C1861-3 | 10 | 14mm | |
| C1861-4 | 10 | 16mm |  |
| C1861-5 | 10 | 18mm | |
| C1861-6 | 10 | 20mm | |
| C1861-7 | 10 | 22mm |  |
| C1861-8 | 10 | 25mm | |

CA1862 STAINLESS STEEL EXTERNAL CIRCLIPS

METRIC, 304/A2

| | | |
|---------|-----------|------|
| C1862-1 | 20 / pack | 6mm |
| C1862-2 | 20 | 8mm |
| C1862-3 | 20 | 10mm |
| C1862-4 | 20 | 12mm |
| C1862-5 | 20 | 14mm |
| C1862-6 | 10 | 16mm |
| C1862-7 | 5 | 20mm |
| C1862-8 | 5 | 22mm |



CA1870 STAINLESS STEEL SET SCREWS & NUTS

METRIC, 304/A2

| | | |
|----------|-----------|------------|
| C1870-1 | 15 / pack | M4 x 20mm |
| C1870-2 | 8 | M5 x 25mm |
| C1870-3 | 4 | M5 x 35mm |
| C1870-4 | 8 | M6 x 16mm |
| C1870-5 | 8 | M6 x 20mm |
| C1870-6 | 8 | M6 x 25mm |
| C1870-7 | 8 | M6 x 40mm |
| C1870-8 | 8 | M8 x 20mm |
| C1870-9 | 6 | M8 x 25mm |
| C1870-10 | 4 | M8 x 35mm |
| C1870-11 | 4 | M8 x 40mm |
| C1870-12 | 4 | M8 x 50mm |
| C1870-13 | 4 | M10 x 35mm |
| C1870-14 | 15 | M4 Nuts |
| C1870-15 | 12 | M5 Nuts |
| C1870-16 | 32 | M6 Nuts |
| C1870-17 | 26 | M8 Nuts |



CA1875 STAINLESS STEEL SET SCREWS & NUTS

UNC, 316/A4

| | | |
|----------|-----------|---------------|
| C1875-1 | 10 / pack | 1/4 x 3/4" |
| C1875-2 | 10 | 1/4 x 1" |
| C1875-3 | 10 | 1/4 x 1-1/2" |
| C1875-4 | 10 | 5/16 x 1" |
| C1875-5 | 10 | 5/16 x 1-1/2" |
| C1875-6 | 10 | 3/8 x 1" |
| C1875-7 | 10 | 3/8 x 1-1/2" |
| C1875-8 | 30 | 1/4" Nuts |
| C1875-9 | 20 | 5/16" Nuts |
| C1875-10 | 20 | 3/8" Nuts |



CA1880 STAINLESS STEEL SET SCREWS & NUTS

METRIC, 304/A2

| | | |
|---------|-----------|-----------|
| C1880-1 | 15 / pack | M4 x 20mm |
| C1880-2 | 15 | M4 x 35mm |
| C1880-3 | 8 | M5 x 25mm |
| C1880-4 | 8 | M5 x 35mm |
| C1880-5 | 15 | M6 x 16mm |
| C1880-6 | 15 | M6 x 20mm |
| C1880-7 | 15 | M6 x 25mm |
| C1880-8 | 10 | M6 x 40mm |
| C1880-9 | 10 | M8 x 20mm |



CA1880 STAINLESS STEEL SET SCREWS & NUTS

304/A2, METRIC Continued

| | | |
|----------|-----------|------------------------|
| C1880-10 | 10 / pack | M8 x 25mm |
| C1880-11 | 8 | M8 x 35mm |
| C1880-12 | 8 | M8 x 40mm |
| C1880-13 | 6 | M8 x 50mm |
| C1880-14 | 6 | M10 x 25mm |
| C1880-15 | 4 | M10 x 35mm |
| C1880-16 | 3 | M10 x 50mm |
| C1880-17 | 2 | M12 x 45mm (with Nuts) |
| C1880-18 | 30 | M4 Nuts |
| C1880-19 | 16 | M5 Nuts |
| C1880-20 | 55 | M6 Nuts |
| C1880-21 | 42 | M8 Nuts |
| C1880-22 | 13 | M10 Nuts |



CA1882 TORX® STAINLESS STEEL SELF-TAPPING SCREWS

PAN, TPX, 304/A4

| | | |
|----------|-----------|--------------|
| C1882-1 | 20 / pack | 6G x 1/2" |
| C1882-2 | 15 | 6G x 3/4" |
| C1882-3 | 15 | 6G x 1" |
| C1882-4 | 15 | 8G x 1/2" |
| C1882-5 | 15 | 8G x 3/4" |
| C1882-6 | 15 | 8G x 1" |
| C1882-7 | 15 | 8G x 1-1/2" |
| C1882-8 | 15 | 10G x 1/2" |
| C1882-9 | 15 | 10G x 3/4" |
| C1882-10 | 15 | 10G x 1" |
| C1882-11 | 15 | 10G x 1-1/2" |
| C1882-12 | 15 | 12G x 3/4" |
| C1882-13 | 15 | 12G x 1" |
| C1882-14 | 10 | 12G x 1-1/2" |



CA1884 STAINLESS STEEL SELF-TAPPING SCREWS

RAISED, PHILLIPS, 316/A4

| | | |
|----------|-----------|--------------|
| C1884-1 | 30 / pack | 4G x 1/2" |
| C1884-2 | 30 | 4G x 5/8" |
| C1884-3 | 30 | 4G x 3/4" |
| C1884-4 | 30 | 4G x 1" |
| C1884-5 | 30 | 6G x 1/2" |
| C1884-6 | 25 | 6G x 3/4" |
| C1884-7 | 30 | 6G x 1" |
| C1884-8 | 30 | 8G x 1/2" |
| C1884-9 | 30 | 8G x 3/4" |
| C1884-10 | 30 | 8G x 1" |
| C1884-11 | 30 | 8G x 1-1/4" |
| C1884-12 | 30 | 8G x 1-1/2" |
| C1884-13 | 20 | 8G x 1-3/4" |
| C1884-14 | 30 | 8G x 2" |
| C1884-15 | 30 | 10G x 3/4" |
| C1884-16 | 30 | 10G x 1" |
| C1884-17 | 15 | 10G x 1-1/4" |
| C1884-18 | 10 | 10G x 1-1/2" |
| C1884-19 | 10 | 10G x 2" |



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REPLACEMENT PACKS

CA1885 STAINLESS STEEL HEX SET SCREWS & NUTS

METRIC, 316/A4

| | | |
|----------|-----------|-------------------------|
| C1885-1 | 20 / pack | 4 x 20mm |
| C1885-2 | 20 | 5 x 25mm |
| C1885-3 | 20 | 5 x 35mm |
| C1885-4 | 20 | 6 x 16mm |
| C1885-5 | 20 | 6 x 20mm |
| C1885-6 | 15 | 6 x 25mm |
| C1885-7 | 10 | 6 x 40mm |
| C1885-8 | 10 | 8 x 20mm |
| C1885-9 | 10 | 8 x 25mm |
| C1885-10 | 10 | 8 x 30mm |
| C1885-11 | 8 | 8 x 40mm |
| C1885-12 | 5 | 8 x 50mm |
| C1885-13 | 5 | 10 x 25mm |
| C1885-14 | 20 | M4 x 0.7mm Plain Nuts |
| C1885-15 | 40 | M5 x 0.8mm Plain Nuts |
| C1885-16 | 50 | M6 x 1.00mm Plain Nuts |
| C1885-17 | 40 | M8 x 1.25mm Plain Nuts |
| C1885-18 | 5 | M10 x 1.50mm Plain Nuts |



CA1886 TORX® STAINLESS STEEL MACHINE SCREWS

METRIC, PAN, TPX, 304/A2

| | | |
|----------|-----------|----------|
| C1886-1 | 10 / pack | 5 x 10mm |
| C1886-2 | 10 | 5 x 16mm |
| C1886-3 | 10 | 5 x 20mm |
| C1886-4 | 10 | 5 x 25mm |
| C1886-5 | 10 | 6 x 10mm |
| C1886-6 | 10 | 6 x 16mm |
| C1886-7 | 10 | 6 x 20mm |
| C1886-8 | 10 | 6 x 25mm |
| C1886-9 | 10 | 6 x 30mm |
| C1886-10 | 10 | 6 x 50mm |
| C1886-11 | 10 | 8 x 10mm |
| C1886-12 | 10 | 8 x 16mm |
| C1886-13 | 10 | 8 x 20mm |
| C1886-14 | 10 | 8 x 25mm |



CA1888 STAINLESS STEEL MACHINE SCREWS

METRIC, PAN, PHILLIPS, 316/A4

| | | |
|----------|-----------|--------------------------|
| C1888-1 | 25 / pack | M5 x 10mm |
| C1888-2 | 25 | M5 x 16mm |
| C1888-3 | 25 | M5 x 20mm |
| C1888-4 | 25 | M5 x 25mm |
| C1888-5 | 25 | M6 x 10mm |
| C1888-6 | 25 | M6 x 16mm |
| C1888-7 | 25 | M6 x 20mm |
| C1888-8 | 20 | M6 x 25mm |
| C1888-9 | 15 | M6 x 30mm |
| C1888-10 | 15 | M6 x 35mm |
| C1888-11 | 10 | M6 x 40mm |
| C1888-12 | 10 | M6 x 45mm |
| C1888-13 | 50 | M5 x 0.8 Hex Plain Nuts |
| C1888-14 | 50 | M6 x 1.00 Hex Plain Nuts |



CA1890 STAINLESS STEEL MACHINE SCREWS

METRIC, COUNTERSUNK, PHILLIPS, 316/A4

| | | |
|----------|-----------|--------------------------|
| C1890-1 | 25 / pack | M5 x 16mm |
| C1890-2 | 25 | M5 x 25mm |
| C1890-3 | 25 | M5 x 40mm |
| C1890-4 | 20 | M5 x 50mm |
| C1890-5 | 25 | M6 x 16mm |
| C1890-6 | 25 | M6 x 25mm |
| C1890-7 | 20 | M6 x 30mm |
| C1890-8 | 20 | M6 x 40mm |
| C1890-9 | 10 | M6 x 50mm |
| C1890-10 | 50 | M5 x 0.8 Hex Plain Nuts |
| C1890-11 | 50 | M6 x 1.00 Hex Plain Nuts |



CA1892 STAINLESS STEEL WING SCREWS & NUTS

METRIC, 316/A4

| | | |
|----------|-----------|------------------|
| C1892-1 | 25 / pack | 4 x 10mm |
| C1892-2 | 20 | 4 x 20mm |
| C1892-3 | 20 | 5 x 10mm |
| C1892-4 | 20 | 5 x 20mm |
| C1892-5 | 20 | 5 x 25mm |
| C1892-6 | 20 | 6 x 10mm |
| C1892-7 | 20 | 6 x 16mm |
| C1892-8 | 20 | 6 x 25mm |
| C1892-9 | 25 | M4 x 0.7mm Nuts |
| C1892-10 | 20 | M5 x 0.8mm Nuts |
| C1892-11 | 20 | M6 x 1.00mm Nuts |



CA1894 STAINLESS STEEL RIVETS BLIND

METRIC, 304/A2

| | | |
|----------|-----------|------------|
| C1894-1 | 25 / pack | 2.4 x 6mm |
| C1894-2 | 25 | 3.2 x 6mm |
| C1894-3 | 25 | 3.2 x 12mm |
| C1894-4 | 25 | 3.2 x 18mm |
| C1894-5 | 25 | 4 x 6mm |
| C1894-6 | 25 | 4 x 12mm |
| C1894-7 | 25 | 4 x 18mm |
| C1894-8 | 25 | 4.8 x 6mm |
| C1894-9 | 25 | 4.8 x 12mm |
| C1894-10 | 20 | 4.8 x 18mm |
| C1894-11 | 15 | 4.8 x 24mm |
| C1894-12 | 15 | 5 x 8mm |
| C1894-13 | 15 | 5 x 12mm |
| C1894-14 | 15 | 5 x 18mm |
| C1894-15 | 15 | 5 x 24mm |
| C1894-16 | 10 | 5 x 30mm |







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| CA2005 | | FUSES | |
|-------------------------|-----------|-------|----------|
| GLASS, BLADE & EUROPEAN | | | |
| C2005-1 | 10 / pack | 1AG | 2 Amp. |
| C2005-2 | 10 | 1AG | 5 Amp. |
| C2005-3 | 10 | 2AG | 7.5 Amp. |
| C2005-4 | 10 | 3AG | 2 Amp. |
| C2005-5 | 10 | 3AG | 5 Amp. |
| C2005-6 | 10 | 3AG | 7.5 Amp. |
| C2005-7 | 20 | 3AG | 10 Amp. |
| C2005-8 | 20 | 3AG | 15 Amp. |
| C2005-9 | 20 | 3AG | 20 Amp. |
| C2005-10 | 10 | 3AG | 25 Amp. |
| C2005-11 | 10 | 3AG | 30 Amp. |
| C2005-12 | 10 | 3AG | 35 Amp. |
| C2005-14 | 10 | SFE | 14 Amp. |
| C2005-15 | 10 | 6AC | 8 Amp. |
| C2005-16 | 10 | 6AC | 16 Amp. |
| C2005-17 | 10 | 6AC | 25 Amp. |
| C2005-18 | 10 | AF | 5 Amp. |
| C2005-19 | 10 | AF | 7.5 Amp. |
| C2005-20 | 10 | AF | 10 Amp. |
| C2005-21 | 20 | AF | 15 Amp. |
| C2005-22 | 20 | AF | 20 Amp. |
| C2005-23 | 20 | AF | 25 Amp. |
| C2005-24 | 10 | AF | 30 Amp. |



Bulk Packs: page 125

| CA2010 | | CIRCLIPS | |
|------------------|-----------|----------|-------------------------------------------------------------------------------------|
| METRIC, INTERNAL | | | |
| C2010-1 | 20 / pack | 8mm |  |
| C2010-2 | 20 | 10mm | |
| C2010-3 | 20 | 12mm | |
| C2010-4 | 20 | 14mm |  |
| C2010-5 | 20 | 15mm | |
| C2010-6 | 20 | 16mm | |
| C2010-7 | 20 | 18mm |  |
| C2010-8 | 20 | 20mm | |
| C2010-9 | 10 | 22mm | |
| C2010-10 | 10 | 24mm |  |
| C2010-11 | 10 | 25mm | |
| C2010-12 | 10 | 26mm | |
| C2010-13 | 10 | 28mm | |
| C2010-14 | 10 | 30mm | |
| C2010-15 | 10 | 32mm | |
| C2010-16 | 10 | 35mm | |
| C2010-17 | 5 | 40mm | |
| C2010-18 | 5 | 42mm | |
| C2010-19 | 5 | 45mm | |
| C2010-20 | 5 | 50mm | |

Bulk Packs: page 124

Bulk Packs: page 124

| CA2015 | | CIRCLIPS | |
|------------------|-----------|----------|--------------------------------------------------------------------------------------|
| METRIC, EXTERNAL | | | |
| C2015-1 | 20 / pack | 6mm |  |
| C2015-2 | 20 | 8mm | |
| C2015-3 | 20 | 10mm | |
| C2015-4 | 20 | 12mm |  |
| C2015-5 | 20 | 14mm | |
| C2015-6 | 20 | 15mm | |
| C2015-7 | 20 | 16mm | |
| C2015-8 | 20 | 18mm |  |
| C2015-9 | 10 | 20mm | |
| C2015-10 | 10 | 22mm | |
| C2015-11 | 10 | 24mm | |
| C2015-12 | 10 | 25mm | |
| C2015-13 | 10 | 26mm |  |
| C2015-14 | 10 | 28mm | |
| C2015-15 | 10 | 30mm | |
| C2015-16 | 10 | 32mm | |
| C2015-17 | 5 | 35mm | |
| C2015-18 | 5 | 40mm | |
| C2015-19 | 5 | 45mm | |
| C2015-20 | 5 | 50mm | |


Bulk Packs: page 124

| CA2020 | | ROLL PINS | |
|----------|-----------|------------|---------------------------------------------------------------------------------------|
| METRIC | | | |
| C2020-1 | 20 / pack | 2 x 20mm |  |
| C2020-2 | 20 | 2.5 x 16mm | |
| C2020-3 | 20 | 2.5 x 25mm | |
| C2020-4 | 20 | 3 x 16mm | |
| C2020-5 | 20 | 3 x 20mm | |
| C2020-6 | 20 | 3 x 25mm | |
| C2020-7 | 20 | 4 x 16mm | |
| C2020-8 | 20 | 4 x 20mm | |
| C2020-9 | 20 | 4 x 25mm | |
| C2020-10 | 20 | 5 x 20mm | |
| C2020-11 | 20 | 5 x 25mm | |
| C2020-12 | 10 | 5 x 30mm | |
| C2020-13 | 10 | 5 x 40mm | |
| C2020-14 | 20 | 6 x 20mm | |
| C2020-15 | 20 | 6 x 25mm | |
| C2020-16 | 20 | 6 x 30mm | |
| C2020-17 | 10 | 6 x 40mm | |
| C2020-18 | 10 | 6 x 50mm | |
| C2020-19 | 5 | 6 x 60mm | |
| C2020-20 | 10 | 8 x 30mm | |
| C2020-21 | 10 | 8 x 40mm | |
| C2020-22 | 5 | 8 x 50mm | |
| C2020-23 | 5 | 10 x 50mm | |
| C2020-24 | 5 | 10 x 60mm | |





Bulk Packs: page 129

Bulk Packs: page 129

REPLACEMENT PACKS


| CA2025 | | ROLL PINS | |
|----------|-----------|---------------|------------------------------------------------------------------------------------|
| IMPERIAL | | | |
| C2025-1 | 20 / pack | 3/32 x 1/2" |  |
| C2025-2 | 20 | 3/32 x 5/8" | |
| C2025-3 | 20 | 3/32 x 1" | |
| C2025-4 | 20 | 1/8 x 5/8" | |
| C2025-5 | 20 | 1/8 x 3/4" | |
| C2025-6 | 20 | 1/8 x 7/8" | |
| C2025-7 | 20 | 1/8 x 1" | |
| C2025-8 | 20 | 5/32 x 1/2" | |
| C2025-9 | 20 | 5/32 x 1" | |
| C2025-10 | 20 | 3/16 x 3/4" | |
| C2025-11 | 20 | 3/16 x 1" | |
| C2025-12 | 20 | 3/16 x 1-1/4" | |
| C2025-13 | 20 | 3/16 x 1-1/2" | |
| C2025-14 | 10 | 3/16 x 2" | |
| C2025-15 | 10 | 3/16 x 2-1/2" | |
| C2025-16 | 20 | 1/4 x 1" | |
| C2025-17 | 10 | 1/4 x 1-1/2" | |
| C2025-18 | 10 | 1/4 x 2" | |
| C2025-19 | 10 | 1/4 x 2-1/2" | |
| C2025-20 | 8 | 5/16 x 1-1/2" | |
| C2025-21 | 8 | 5/16 x 2" | |
| C2025-22 | 8 | 5/16 x 2-1/2" | |
| C2025-23 | 5 | 3/8 x 2" | |
| C2025-24 | 5 | 3/8 x 2-1/2" | |

Bulk Packs: page 129

| CA2030 | | CIRCLIPS | |
|--------------------|-----------|----------|-------------------------------------------------------------------------------------|
| IMPERIAL, INTERNAL | | | |
| C2030-1 | 20 / pack | 1/4" |  |
| C2030-2 | 20 | 5/16" | |
| C2030-3 | 20 | 3/8" | |
| C2030-4 | 20 | 1/2" | |
| C2030-5 | 20 | 5/8" |  |
| C2030-6 | 20 | 3/4" | |
| C2030-7 | 10 | 7/8" | |
| C2030-8 | 10 | 1" | |
| C2030-9 | 10 | 1-1/16" |  |
| C2030-10 | 10 | 1-1/8" | |
| C2030-11 | 10 | 1-3/16" | |
| C2030-12 | 10 | 1-1/4" | |
| C2030-13 | 10 | 1-5/16" |  |
| C2030-14 | 10 | 1-3/8" | |
| C2030-15 | 10 | 1-7/16" | |
| C2030-16 | 10 | 1-1/2" | |
| C2030-17 | 5 | 1-5/8" | |
| C2030-18 | 5 | 1-3/4" | |
| C2030-19 | 5 | 1-7/8" | |
| C2030-20 | 5 | 2" | |

Bulk Packs: page 124

Bulk Packs: page 124

| CA2035 | | CIRCLIPS | |
|--------------------|-----------|----------|-------------------------------------------------------------------------------------|
| IMPERIAL, EXTERNAL | | | |
| C2035-1 | 20 / pack | 1/4" |  |
| C2035-2 | 20 | 5/16" | |
| C2035-3 | 20 | 3/8" | |
| C2035-4 | 20 | 1/2" | |
| C2035-5 | 20 | 5/8" | |
| C2035-6 | 20 | 3/4" | |
| C2035-7 | 10 | 7/8" | |
| C2035-8 | 10 | 1" | |
| C2035-9 | 10 | 1-1/16" | |
| C2035-10 | 10 | 1-1/8" | |
| C2035-11 | 10 | 1-3/16" | |
| C2035-12 | 10 | 1-1/4" | |
| C2035-13 | 10 | 1-5/16" | |
| C2035-14 | 10 | 1-3/8" | |
| C2035-15 | 10 | 1-7/16" | |
| C2035-16 | 10 | 1-1/2" | |
| C2035-17 | 5 | 1-5/8" | |
| C2035-18 | 5 | 1-3/4" | |
| C2035-19 | 5 | 1-7/8" | |
| C2035-20 | 5 | 2" | |

Bulk Packs: page 124

| CA2040 | | WIRING TERMINALS | |
|------------|-----------|------------------------------|---------------------------------------------------------------------------------------|
| CRIMP TYPE | | | |
| C2040-1 | 25 / pack | 309WF Red Female Full Ins. |  |
| C2040-2 | 20 | 309F Red Female Push-on | |
| C2040-3 | 25 | 309M Red Male Push-on | |
| C2040-4 | 25 | 200M Red Male Bullet | |
| C2040-5 | 25 | 200F Red Female Bullet | |
| C2040-6 | 25 | 320WF Blue Female Full Ins. | |
| C2040-7 | 20 | 320F Blue Female Push-on | |
| C2040-8 | 25 | 320M Blue Male Push-on | |
| C2040-9 | 25 | 201F Blue Female Bullet | |
| C2040-10 | 25 | 201M Blue Male Bullet | |
| C2040-11 | 53 | 55WF Yellow Female Full Ins. | |
| C2040-12 | 53 | 55F Yellow Female Push-on | |
| C2040-13 | 10 | 355M Yellow Male Push-on | |
| C2040-14 | 10 | 13-5 3/16" Red Ring | |
| C2040-15 | 10 | 13-6 1/4" Red Ring | |
| C2040-16 | 10 | 22-5 3/16" Blue Ring | |
| C2040-17 | 10 | 23-8 5/16" Blue Ring | |
| C2040-18 | 55 | 3-8 5/16" Yellow Ring | |
| C2040-19 | 55 | 3-10 3/8" Yellow Ring | |
| C2040-20 | 10 | 22Y-4 5/32" Blue Spade | |
| C2040-21 | 5 | KSR100 Red Wire Tap | |
| C2040-22 | 5 | KSB100 Blue Wire Tap | |
| C2040-23 | 10 | 153V Male Push-on 2-way | |
| C2040-24 | 10 | TG1 Red Joiner | |
| C2040-25 | 10 | TG2 Blue Joiner | |
| C2040-26 | 10 | TG3 Yellow Joiner | |
| C2040-27 | 20 | QCF Fem Lanced Push-on | |
| C2040-28 | 20 | QCM Male Lanced Push-on | |

Bulk Packs: page 135

Bulk Packs: page 135

| CA2045 SELF-TAPPING SCREWS | | |
|-------------------------------------------|-----------|-----------------------|
| BLACK ZINC, PAN & MUSHROOM HEAD, PHILLIPS | | |
| C1720-1 | 40 / pack | 6G x 3/8" |
| C1720-2 | 30 | 6G x 1/2" |
| C1720-3 | 30 | 6G x 3/4" |
| C1720-4 | 30 | 8G x 3/8" |
| C1720-5 | 40 | 8G x 1/2" |
| C1720-6 | 30 | 8G x 3/4" |
| C1720-7 | 30 | 8G x 1" |
| C1720-8 | 25 | 8G x 1-1/2" |
| C1720-9 | 40 | 10G x 1/2" |
| C1720-10 | 30 | 10G x 3/4" |
| C1720-11 | 25 | 10G x 1" |
| C1720-12 | 20 | 10G x 1-1/2" |
| C1720-13 | 15 | 10G x 2" |
| C1720-14 | 30 | 12G x 1" |
| C1200-1 | 50 | 6G x 1/2" Pan Head |
| C1200-2 | 50 | 6G x 3/4" Pan Head |
| C1200-3 | 30 | 6G x 1" Pan Head |
| C1200-4 | 30 | 8G x 3/8" Pan Head |
| C1200-5 | 30 | 8G x 5/8" Pan Head |
| C1200-6 | 30 | 8G x 3/4" Pan Head |
| C1200-7 | 30 | 8G x 1" Pan Head |
| C1200-8 | 20 | 8G x 1-1/2" Pan Head |
| C1200-9 | 30 | 10G x 1/2" Pan Head |
| C1200-10 | 20 | 10G x 3/4" Pan Head |
| C1200-11 | 20 | 10G x 1" Pan Head |
| C1200-12 | 15 | 12G x 1" Pan Head |
| C1200-13 | 30 | 6G x 1" Raised Head |
| C1200-14 | 30 | 8G x 3/4" Raised Head |

Bulk Packs: page 129

| CA2050 FLAT SPRING STEEL WASHERS | | |
|----------------------------------|------------|-------------|
| ZINC PLATED, IMPERIAL & METRIC | | |
| C576-1 | 150 / pack | 3/16" |
| C576-2 | 150 | 1/4" |
| C576-3 | 75 | 5/16" |
| C576-4 | 40 | 3/8" |
| C576-5 | 25 | 7/16" |
| C576-6 | 25 | 1/2" |
| C576-7 | 10 | 5/8" |
| C576-8 | 5 | 3/4" & 20mm |
| C576-9 | 150 | 6mm |
| C576-10 | 30 | 10mm |
| C576-11 | 20 | 12mm |
| C576-12 | 10 | 9/16" |
| C648-1 | 200 | 3/16" (5mm) |
| C648-2 | 150 | 1/4" |
| C648-3 | 75 | 5/16" (8mm) |
| C648-4 | 40 | 3/8" |
| C648-5 | 25 | 7/16" |

| CA2050 FLAT SPRING STEEL WASHERS <i>Continued</i> | | |
|---------------------------------------------------|-----------|-------------|
| ZINC PLATED, IMPERIAL & METRIC | | |
| C648-7 | 10 / pack | 5/8" (16mm) |
| C648-8 | 3 | 20mm |
| C648-9 | 200 | 5/32" (4mm) |
| C648-10 | 150 | 6mm |
| C648-11 | 40 | 10mm |
| C648-12 | 20 | 12mm |
| C648-6 | 20 | 1/2" |

Bulk Packs: p133-134










| CA2060 FIBRE WASHERS | | |
|----------------------------|-----------|------------------------|
| 1/32", 1/16" & 3/32" THICK | | |
| C400-1 | 30 / pack | 1/8 x 5/16 x 1/32" |
| C400-2 | 30 | 3/16 x 1/2 x 1/32" |
| C400-3 | 50 | 1/4 x 9/16 x 1/32" |
| C400-4 | 50 | 5/16 x 5/8 x 1/32" |
| C400-5 | 50 | 3/8 x 3/4 x 1/32" |
| C400-6 | 50 | 7/16 x 13/16 x 1/32" |
| C400-7 | 50 | 1/2 x 7/8 x 1/32" |
| C400-8 | 30 | 9/16 x 15/16 x 1/32" |
| C400-9 | 30 | 5/8 x 1 x 1/32" |
| C400-10 | 15 | 11/16 x 1-1/16 x 1/32" |
| C400-11 | 15 | 3/4 x 1-1/8 x 1/32" |
| C400-12 | 10 | 13/16 x 1-3/16 x 1/32" |
| C400-13 | 10 | 7/8 x 1-3/8 x 1/32" |
| C400-14 | 10 | 1 x 1-1/2 x 1/32" |
| C390-1 | 45 | 5/32 x 5/16 x 1/16" |
| C390-2 | 45 | 3/16 x 3/8 x 1/16" |
| C390-3 | 35 | 7/32 x 7/16 x 1/16" |
| C390-4 | 55 | 1/4 x 7/16 x 1/16" |
| C390-5 | 50 | 5/16 x 1/2 x 1/16" |
| C390-6 | 45 | 3/8 x 5/8 x 1/16" |
| C390-7 | 25 | 7/16 x 11/16 x 1/16" |
| C390-8 | 25 | 1/2 x 3/4 x 1/16" |
| C390-9 | 20 | 9/16 x 13/16 x 1/16" |
| C390-10 | 20 | 5/8 x 7/8 x 1/16" |
| C390-11 | 20 | 11/16 x 15/16 x 1/16" |
| C390-12 | 20 | 3/4 x 1 x 1/16" |
| C150-1 | 40 | 1/2 x 3/4 x 3/32" |
| C150-2 | 10 | 5/8 x 7/8 x 3/32" |
| C150-3 | 30 | 3/4 x 1-1/8 x 3/32" |
| C150-4 | 10 | 13/16 x 1-1/16 x 3/32" |
| C150-5 | 10 | 7/8 x 1-1/4 x 3/32" |
| C150-6 | 10 | 1 x 1-3/8 x 3/32" |
| C150-8 | 3 | 18 x 27mm x 3/32" |
| C150-9 | 10 | 30 x 38mm x 3/32" |
| C150-10 | 10 | 14 x 20mm x 3/32" |
| C150-11 | 10 | No.1 O/S Plug x 3/32" |

Bulk Packs: page 133

REPLACEMENT PACKS

| CA2070 | | BRASS HOSE FITTINGS | |
|-----------------------------------------------|-------|---------------------------|-------------------------------------------------------------------------------------|
| 'T' PIECES, JOINERS, TAILS, ELBOWS & ADAPTORS | | | |
| Assortment contents listed below | | | |
| 2401 | 2 qty | 1/4 x 1/8" Reducing Bush |  |
| 2403 | 2 | 3/8 x 1/4" Reducing Bush | |
| 2404 | 2 | 1/2 x 1/8" Reducing Bush | |
| 2405 | 2 | 1/2 x 1/4" Reducing Bush |  |
| 2406 | 2 | 1/2 x 3/8" Reducing Bush | |
| 2601 | 2 | 1/8" Hexagon Socket | |
| 2602 | 2 | 1/4" Hexagon Socket |  |
| 2603 | 2 | 3/8" Hexagon Socket | |
| 2604 | 2 | 1/2" Hexagon Socket | |
| 3501 | 2 | 1/8" Female 'T' |  |
| 3502 | 2 | 1/4" Female 'T' | |
| 6401 | 2 | 1/8" Hex Taper Plug | |
| 6402 | 2 | 1/4" Hex Taper Plug |  |
| 6403 | 2 | 3/8" Hex Taper Plug | |
| 6404 | 2 | 1/2" Hex Taper Plug | |
| P301 | 2 | 3/16 x 1/8" Male Barb |  |
| P302 | 2 | 1/4 x 1/8" Male Barb | |
| P302A | 2 | 1/4 x 1/4" Male Barb | |
| P303 | 2 | 5/16 x 1/8" Male Barb |  |
| P304 | 2 | 3/8 x 1/8" Male Barb | |
| P305 | 2 | 3/8 x 1/4" Male Barb | |
| P306 | 2 | 5/16 x 1/4" Male Barb |  |
| P307 | 2 | 1/2 x 1/4" Male Barb | |
| P308 | 2 | 5/8 x 1/4" Male Barb | |
| P309 | 2 | 5/16 x 3/8" Male Barb |  |
| P310 | 2 | 3/8 x 3/8" Male Barb | |
| P311 | 2 | 1/2 x 3/8" Male Barb | |
| P312 | 2 | 5/8 x 3/8" Male Barb |  |
| P314 | 2 | 3/8 x 1/2" Male Barb | |
| P315 | 2 | 1/2 x 1/2" Male Barb | |
| P316 | 2 | 5/8 x 1/2" Male Barb |  |
| P3-1208 | 2 | 3/4 x 1/2" Male Barb | |
| P3-1212 | 2 | 3/4 x 3/4" Male Barb | |
| P601 | 2 | 3/16 x 1/8" Male Barb 90° |  |
| P602 | 2 | 1/4 x 1/8" Male Barb 90° | |
| P603 | 2 | 5/16 x 1/8" Male Barb 90° | |
| P604 | 2 | 3/8 x 1/8" Male Barb 90° | |
| P605 | 2 | 3/8 x 1/4" Male Barb 90° | |
| P606 | 2 | 5/16 x 1/4" Male Barb 90° | |
| P607 | 2 | 1/2 x 1/4" Male Barb 90° | |
| P616 | 2 | 5/8 x 1/2" Male Barb 90° | |
| P701 | 2 | 3/16" Hose Joiner | |
| P702 | 2 | 1/4" Hose Joiner | |
| P703 | 2 | 5/16" Hose Joiner | |
| P704 | 2 | 3/8" Hose Joiner | |
| P705 | 2 | 1/2" Hose Joiner | |
| P706 | 2 | 5/8" Hose Joiner | |
| P1402 | 2 | 3/16" 3 Way 'T' Barb | |
| P1403 | 2 | 1/4" 3 Way 'T' Barb | |
| P1404 | 2 | 5/16" 3 Way 'T' Barb | |
| P1405 | 2 | 3/8" 3 Way 'T' Barb | |
| P1406 | 2 | 1/2" 3 Way 'T' Barb | |
| P1407 | 2 | 5/8" 3 Wav 'T' Barb | |
| | | | Bulk Packs: p153-155 |

Bulk Packs: p153-155

| CA2075 | | VACUUM HOSE & TUBE CONNECTORS | |
|----------------------------------|-------|-------------------------------|---------------------------------------------------------------------------------------|
| Assortment contents listed below | | |  |
| CVC1 | 2 qty | 3mm 'T' Piece | |
| CVC2 | 2 | 5mm 'T' Piece |  |
| CVC3 | 2 | 6mm 'T' Piece | |
| CVC4 | 2 | 8mm 'T' Piece |  |
| CVC5 | 2 | 10mm 'T' Piece | |
| CVC6 | 2 | 3mm 90° Elbow |  |
| CVC7 | 2 | 5mm 90° Elbow | |
| CVC8 | 2 | 6mm 90° Elbow |  |
| CVC9 | 2 | 8mm 90° Elbow | |
| CVC10 | 2 | 10mm 90° Elbow |  |
| CVC11 | 2 | Reducing 'T' Piece 3-4-3 | |
| CVC12 | 2 | Reducing 'T' Piece 4-6-4 |  |
| CVC13 | 2 | Reducing 'T' Piece 6-4-6 | |
| CVC14 | 2 | Reducing 'T' Piece 8-4-8 |  |
| CVC15 | 2 | Reducing 'T' Piece 8-6-8 | |
| CVC16 | 2 | Reducing 'T' Pce 10-6-10 |  |
| CVC17 | 2 | 3mm Straight Connector | |
| CVC18 | 2 | 5mm Straight Connector | |
| CVC19 | 2 | 6mm Straight Connector | |
| CVC20 | 2 | 8mm Straight Connector | |
| CVC21 | 2 | 10mm Straight Connector | |
| CVC22 | 2 | Reducing Str Conn 4-3 | |
| CVC23 | 2 | Reducing Str Conn 6-4 | |
| CVC24 | 2 | Reducing Str Conn 8-6 | |
| CVC25 | 2 | Reducing Str Conn 10-6 | |
| CVC26 | 2 | Reducing Str Conn 10-8 | |
| CVC27 | 2 | 4 Way 'X' Piece 5mm | |
| CVC28 | 2 | 4 Way 'X' Piece 6mm | |
| CVC29 | 2 | 3 Way 'Y' Piece 3mm | |
| CVC30 | 2 | 3 Way 'Y' Piece 5mm | |
| CVC31 | 2 | 3 Way 'Y' Piece 6mm | |
| CVC32 | 2 | 3 Way 'Y' Piece 8mm | |
| CVC33 | 2 | 3 Way 'Y' Piece 10mm | |
| CVC35 | 2 | 4mm x 1/4" BSP Tailpiece | |
| CVC36 | 2 | 5mm x 1/4" BSP Tailpiece | |
| CVC37 | 2 | 6mm x 1/4" BSP Tailpiece | |
| CVC38 | 2 | 8mm x 1/4" BSP Tailpiece | |
| CVC39 | 2 | 6mm x 1/4" BSP 90° Elbow | |
| CVC40 | 2 | 8mm x 1/4" BSP 90° Elbow | |
| CVC41 | 2 | 1/4" BSP Hex Taper Plug | |
| CVC42 | 2 | 1/8" BSP Hex Taper Plug | |
| CVC43 | 2 | 3/8" BSP Hex Taper Plug | |
| CVC44 | 10 | 3mm Caps | |
| CVC45 | 10 | 4mm Caps | |
| CVC46 | 10 | 5mm Caps | |
| CVC47 | 10 | 6mm Caps | |
| CVC48 | 5 | 8mm Caps | |
| CVC49 | 5 | 10mm Caps | Bulk Packs: page 135 |

Bulk Packs: page 135

CA2080 TRIM CLIPS

SCRIVETS - BLACK

| | | TYPE | SUITS HOLE |
|--------|-----------|---------------|------------|
| CBP08 | 50 / pack | 15mm Screw | 8.2-10mm |
| CBP36 | 50 | 22.2mm Screw | 2-6mm |
| CBP55 | 50 | 18mm Sc. Ford | 8.4-10.2mm |
| CBP160 | 40 | 20mm Screw | 8mm |
| CBP161 | 50 | 20mm Screw | 8mm |
| CBP162 | 50 | 18mm Screw | 8mm |
| CBP163 | 25 | 18mm Push | 9mm |
| CBP164 | 25 | 20mm Push | 10mm |
| CBP165 | 40 | 20mm Push | 8mm |
| CBP166 | 50 | 17mm Screw | 7mm |
| CBP167 | 50 | 15mm Screw | 8mm |
| CBP168 | 30 | 20mm Screw | 8mm |
| CBP169 | 40 | 20mm Push | 8mm |
| CBP170 | 50 | 18mm Push | 7mm |
| CBP171 | 25 | 14mm Push | 6mm |
| CBP172 | 50 | 15mm Push | 6mm |

Bulk Packs: p19-123

CA2085 TRIM CLIPS

XMAS TREE CLIPS

| | | HEAD SIZE | SUITS HOLE |
|--------|-----------|--------------|-------------|
| CBP03 | 50 / pack | 16mm Grey | 6.6-7.5mm |
| CBP04 | 50 | 16mm Black | 6.6-7.5mm |
| CBP57 | 50 | 15mm Black | 4.9 - 5.1mm |
| CBP58 | 50 | 14mm Black | 2.5-10.8mm |
| CBP60 | 50 | 17mm Black | 2-10mm |
| CBP61 | 50 | 20mm Black | 2.5-11mm |
| CBP62 | 50 | 20.8mm Black | 2-10mm |
| CBP63 | 40 | 20.5mm Black | 2.5-19.5mm |
| CBP105 | 50 | 12mm Black | 2-9mm |
| CBP158 | 20 | 25mm Black | 6.5-8mm |
| CBP173 | 50 | 7mm Black | 7.5mm |
| CBP174 | 50 | 18mm Black | 5-7mm |
| CBP175 | 25 | 25mm Black | 8mm |
| CBP176 | 25 | 9.5mm Black | 9.5mm |
| CBP177 | 30 | 18mm Black | 8mm |
| CBP178 | 50 | 18mm Black | 7.8-8mm |

Bulk Packs: p119-123

CA2096 MANIFOLD STUDS & NUTS

| | | |
|--------|-----------|---------------------------|
| CHVLS1 | 10 / pack | 10 x 54 x 1.25mm |
| CUNIV1 | 10 | 10 x 1.25-1.50 x 50mm |
| CDNS2 | 10 | M8 x 50 x 1.25mm |
| CDNS1 | 10 | M8 x 1.25 x 38mm |
| CGMS1 | 10 | 3/8 x 2" |
| CGMS3 | 10 | M10 x 1.25 x 41mm |
| CFDS2 | 20 | M10 x 1.5 x 40mm |
| CFDS1 | 10 | 7/16 x 2-1/4" |
| CHB11 | 10 | 3/8 x 1" UNC Header Bolts |
| CGMN1 | 10 | 3/8" UNC Brass Nuts |
| CFDN1 | 10 | 7/16" UNC Brass Nuts |
| CDNN1 | 10 | M8 X 1.25mm Brass Nuts |
| CTYN1 | 10 | 10 x 1.25mm Brass Nuts |
| CMNS2 | 10 | M10 x 1.5 Brass Nuts |
| CDNN2 | 10 | M8 x 1.25mm Steel Nuts |
| CFDN2 | 10 | 7/16" UNC Steel Nuts |
| CGMN3 | 10 | 3/8" UNC Steel Nuts |
| CMNS1 | 10 | M10 x 1.5mm Steel Nuts |
| CTYN2 | 10 | M10 x 1.25mm Steel Nuts |

Bulk Packs: page 127

CA2140 DRAIN (SUMP) PLUG WASHERS

Assortment contents listed below

| | | |
|---------|--------|-----------------------------|
| CAW1218 | 50 qty | 12 x 18 x 1.5mm |
| CAW1420 | 50 | 14 x 20 x 1.5mm |
| CAW1622 | 50 | 16 x 22 x 1.5mm |
| CAW1824 | 50 | 18 x 24 x 1.5mm |
| CAW2024 | 50 | 20 x 24 x 1.5mm |
| CAW2227 | 50 | 22 x 27 x 1.5mm |
| CAW2229 | 50 | 22 x 29 x 1.5mm |
| CAW2430 | 50 | 24 x 30 x 1.8mm |
| CFW14 | 25 | 14 x 20 x 2.5 No.14 Plug |
| CFW18 | 25 | 18 x 27 x 2.5 No.18 Plug |
| CFW31 | 25 | 12 x 24 x 2.00mm |
| CFW32 | 25 | 18 x 28 x 2.00mm |
| CFW1224 | 25 | 12 x 24 x 2.00mm |
| CFW1622 | 25 | 16 x 22 x 2.00mm |
| CFW1828 | 25 | 18 x 28 x 2.00mm |
| CFW2535 | 25 | 25 x 35 x 2.00mm |
| CFW3321 | 50 | 1/2 x 3/4 x 3/32" No.1 Plug |
| CFW3329 | 25 | 1/2 + .028" No.1 OS Plug |
| CFW3328 | 50 | 5/8 x 7/8 x 3/32" No.3 Plug |
| CWC49 | 100 | 14 x 20 x 1.5mm |
| CWC51 | 50 | 16 x 22 x 1.5mm |
| CWC52 | 50 | 18 x 24 x 1.5mm |
| CWC53 | 50 | 20 x 26 x 1.5mm |
| CWC1218 | 20 | 12 x 18mm |
| CWC1622 | 20 | 16 x 22mm |

Bulk Packs: page 133

CA2173 BONDED SEAL WASHERS

METRIC & IMPERIAL

| | | |
|----------|---------|------------|
| C2173-1 | 15 / pk | 1/8" BSP |
| C2173-2 | 15 | 1/4" BSP |
| C2173-3 | 15 | 3/8" BSP |
| C2173-4 | 15 | 1/2" BSP |
| C2173-5 | 8 | 5/8" BSP |
| C2173-6 | 6 | 3/4" BSP |
| C2173-7 | 4 | 1" BSP |
| C2173-8 | 4 | 1-1/4" BSP |
| C2173-9 | 10 | 8mm |
| C2173-10 | 10 | 10mm |
| C2173-11 | 10 | 12mm |
| C2173-12 | 10 | 14mm |
| C2173-13 | 6 | 16mm |
| C2173-14 | 6 | 18mm |
| C2173-15 | 6 | 20mm |
| C2173-16 | 6 | 22mm |
| C2173-17 | 5 | 26mm |
| C2173-18 | 5 | 27mm |
| C2173-19 | 5 | 28mm |
| C2173-20 | 5 | 30mm |
| C2173-21 | 5 | 33mm |
| C2173-22 | 2 | 42mm |

Bulk Packs: page 132

REPLACEMENT PACKS

CA2174 RUBBER GROMMETS

WIRING & BLANKING

| | | I.D. | PANEL HOLE | O.D. |
|--------|--------|----------|------------|---------|
| C63-1 | 8 / pk | 1/8" x | 9/32" x | 7/16" |
| C63-2 | 8 | 3/16" x | 5/16" x | 7/16" |
| C63-3 | 8 | 1/4" x | 1/2" x | 9/16" |
| C63-4 | 8 | 5/16" x | 17/32" x | 3/4" |
| C63-5 | 8 | 3/8" x | 1/2" x | 11/16" |
| C63-6 | 8 | 3/8" x | 9/16" x | 11/16" |
| C63-7 | 8 | 3/8" x | 3/4" x | 1" |
| C63-8 | 8 | 7/16" x | 3/4" x | 1" |
| C63-9 | 8 | 1/2" x | 21/32" x | 13/16" |
| C63-10 | 8 | 5/8" x | 1" x | 1-1/8" |
| C63-11 | 8 | 3/4" x | 15/16" x | 1-5/16" |
| C63-12 | 8 | 29/32" x | 1-1/4" x | 1-1/2" |
| C90-1 | 20 | | 5/16" | |
| C90-2 | 15 | | 3/8" | |
| C90-3 | 15 | | 1/2" | |
| C90-4 | 10 | | 5/8" | |
| C90-5 | 10 | | 3/4" | |
| C90-6 | 5 | | 7/8" | |
| C90-7 | 8 | | 1" | |
| C90-8 | 8 | | 1-1/8" | |



Bulk Packs: page 126

CA2177 WOODRUFF KEYS

IMPERIAL & METRIC

| | | | |
|----------|----|---------------|-------|
| C177-1 | 12 | 1/2 x 3/32" | WK2 |
| C177-2 | 24 | 1/2 x 1/8" | WK3 |
| C177-3 | 24 | 5/8 x 1/8" | WK5 |
| C177-4 | 12 | 5/8 x 5/32" | WK6 |
| C177-5 | 12 | 3/4 x 1/8" | WK7 |
| C177-6 | 12 | 3/4 x 3/16" | WK9 |
| C177-7 | 12 | 3/4 x 5/32" | WK8 |
| C177-8 | 12 | 7/8 x 3/16" | WK11 |
| C177-9 | 12 | 1 x 3/16" | WK13 |
| C177-10 | 12 | 1 x 1/4" | WK15 |
| C177-11 | 6 | 1-1/8 x 3/16" | WK16 |
| C177-12 | 6 | 1-1/8 x 1/4" | WK18 |
| C177-13 | 3 | 1-1/4 x 1/4" | WK21 |
| C177-14 | 6 | 7/8 x 1/4" | WKA |
| C177-15 | 6 | 1-1/8 x 5/16" | WKC |
| C177-16 | 3 | 1-1/4 x 5/16" | WKD |
| C177-17 | 3 | 1-1/4 x 3/8" | WKE |
| C1705-1 | 10 | 2 x 10mm | MWK3 |
| C1705-2 | 15 | 2.5 x 10mm | MWK5 |
| C1705-3 | 15 | 3 x 10mm | MWK6 |
| C1705-4 | 15 | 3 x 13mm | MWK7 |
| C1705-5 | 15 | 3 x 16mm | MWK8 |
| C1705-6 | 15 | 3 x 19mm | MWK9 |
| C1705-7 | 8 | 4 x 13mm | MWK10 |
| C1705-8 | 8 | 4 x 16mm | MWK11 |
| C1705-9 | 8 | 4 x 19mm | MWK12 |
| C1705-10 | 8 | 5 x 16mm | MWK14 |
| C1705-11 | 8 | 5 x 19mm | MWK15 |
| C1705-12 | 10 | 5 x 22mm | MWK16 |
| C1705-13 | 8 | 6 x 22mm | MWK19 |
| C1705-14 | 8 | 6 x 28mm | MWK21 |
| C1705-15 | 5 | 8 x 28mm | MWK26 |
| C1705-16 | 5 | 8 x 32mm | MWK27 |
| C1705-17 | 3 | 10 x 32mm | MWK30 |



Bulk Packs: page 135

CA2206 6mm FASTENERS

| | | |
|----------|-----------|----------------------------|
| C100-2 | 40 / pack | M6 x 1.00 Flange Nuts |
| C270-2 | 50 | M6 x 1.00 Self-Lock Nuts |
| C431-5 | 20 | M6 x 16 Set Screws |
| C431-6 | 20 | M6 x 20 Set Screws |
| C431-7 | 20 | M6 x 25 Set Screws |
| C431-8 | 15 | M6 x 40 Set Screws |
| C431-20 | 50 | M6 x 1.00 Hex Nuts |
| C495-3 | 20 | M6 x 16 Flange Bolts |
| C495-4 | 20 | M6 x 20 Flange Bolts |
| C495-5 | 20 | M6 x 25 Flange Bolts |
| C495-6 | 20 | M6 x 30 Flange Bolts |
| C495-7 | 15 | M6 x 40 Flange Bolts |
| C576-9 | 150 | 6 x 12.5 x 1.2mm Flat Wash |
| C648-10 | 150 | 6mm Spring Washers |
| C1417-4 | 20 qty | M6 x 10mm Cap Screws |
| C1417-5 | 12 | M6 x 16mm Cap Screws |
| C1417-6 | 12 | M6 x 20mm Cap Screws |
| C1417-7 | 12 | M6 x 25mm Cap Screws |
| C1730-2 | 15 | 1/4 x 1-1/4" Body Washers |
| C1780-3 | 50 | 6mm Ext. Star Washers |
| C1780-10 | 50 | 6mm Int. Star Washers |



Bulk Packs: page 142

CA2208 8mm FASTENERS

| | | |
|----------|-----------|----------------------------|
| C100-3 | 20 / pack | M8 x 1.25 Flange Nuts |
| C270-4 | 25 | M8 x 1.25 Self-Lock Nuts |
| C431-9 | 12 | M8 x 20 Set Screws |
| C431-10 | 12 | M8 x 25 Set Screws |
| C431-11 | 10 | M8 x 35 Set Screws |
| C431-12 | 10 | M8 x 40 Set Screws |
| C431-13 | 8 | M8 x 50 Set Screws |
| C431-21 | 40 | M8 x 1.25 Hex Nuts |
| C495-8 | 15 | M8 x 16 Flange Bolts |
| C495-9 | 15 | M8 x 20 Flange Bolts |
| C495-10 | 12 | M8 x 25 Flange Bolts |
| C495-11 | 10 | M8 x 30 Flange Bolts |
| C495-12 | 10 | M8 x 40 Flange Bolts |
| C495-13 | 7 | M8 x 50 Flange Bolts |
| C576-3 | 75 | 8 x 17 x 1.2mm Flat Wash |
| C648-3 | 75 | 8mm Spring Washers |
| C1417-9 | 12 | M8 x 16mm Cap Screws |
| C1417-11 | 12 | M8 x 25mm Cap Screws |
| C1730-3 | 40 | 5/16 x 1-1/4" Body Washers |
| C1780-4 | 50 | 8mm Ext. Star Washers |
| C1780-11 | 50 | 8mm Int. Star Washers |




Bulk Packs: p142-143



CA2210 10mm FASTENERS

| | | |
|---------|-----------|---------------------------|
| C100-4 | 20 / pack | M10 x 1.25 Flange Nuts |
| C100-5 | 20 | M10 x 1.5 Flange Nuts |
| C270-6 | 25 | M10 x 1.25 Self-Lock Nuts |
| C270-7 | 25 | M10 x 1.5 Self-Lock Nuts |
| C431-14 | 8 | M10 x 25 Set Screws |
| C431-15 | 6 | M10 x 35 Set Screws |
| C431-16 | 4 | M10 x 50 Set Screws |
| C431-22 | 20 | M10 x 1.5 Hex Nuts |
| C480-13 | 8 | M10 x 25 x 1.25 Set Screw |
| C480-14 | 6 | M10 x 35 x 1.25 Set Screw |
| C480-15 | 4 | M10 x 50 x 1.25 Set Screw |
| C480-22 | 20 | M10 x 1.25 Hex Nuts |



| CA2210 10mm FASTENERS <i>Continued</i> | | | |
|----------------------------------------|----------|-------------------------------|-----------------------------------------------------------------------------------|
| C495-14 | 8 / pack | M10 x 25 x 1.25 Flange Bolt |  |
| C495-15 | 6 | M10 x 35 x 1.25 Flange Bolt | |
| C495-16 | 6 | M10 x 40 x 1.25 Flange Bolt | |
| C495-17 | 5 | M10 x 50 x 1.25 Flange Bolt | |
| C576-10 | 30 | 10 x 21 x 1.6 Flat Steel Wash | |
| C648-11 | 40 | 10mm Spring Washers | |
| C1730-4 | 40 | 3/8 x 1-1/4" Body Washers | |
| C1780-5 | 50 | 10mm Ext. Star Washers | |
| C1780-12 | 50 | 10mm Int. Star Washers | |

Bulk Packs: page 143

| CA2240 FLAT & BODY WASHERS | | | |
|----------------------------|----------|--------------------|-------------------------------------------------------------------------------------|
| STEEL, ZINC PLATED | | | |
| CWS1 | 400 / pk | 1/8" Flat |  |
| CWS2 | 400 | 5/32" Flat | |
| CWS3 | 200 | 3/16" Flat | |
| CWS4 | 200 | 1/4" Flat | |
| CWS5 | 200 | 5/16" Flat | |
| CWS6 | 100 | 3/8" Flat | |
| CWS7 | 75 | 7/16" Flat | |
| CWS8 | 50 | 1/2" Flat | |
| CWS9 | 50 | 9/16" Flat | |
| CWS10 | 25 | 5/8" Flat | |
| CWS11 | 15 | 3/4" Flat | |
| CWS12 | 15 | 7/8" Flat | |
| CWS13 | 15 | 1" Flat |  |
| CWS30 | 200 | 6mm Flat | |
| CWS32 | 100 | 10mm Flat | |
| CWS33 | 50 | 12mm Flat | |
| CBW2 | 25 | 1/4 x 1-1/4" Body | |
| CBW3 | 25 | 5/16 x 1-1/4" Body | |
| CBW4 | 25 | 3/8 x 1-1/4" Body | |
| CBW5 | 20 | 1/2 x 1-1/2" Body | |





Bulk Packs: p133-134

| CA2260 FUEL INJECTION COPPER WASHERS | | | |
|--------------------------------------|---------|-----------------|-------------------------------------------------------------------------------------|
| METRIC | | | |
| C226-1 | 25 / pk | 6 x 10 x 1mm |  |
| C226-2 | 25 | 8 x 12 x 1mm | |
| C226-3 | 25 | 8 x 14 x 1mm | |
| C226-4 | 25 | 10 x 14 x 1mm | |
| C226-5 | 25 | 10 x 16 x 1mm | |
| C226-6 | 25 | 12 x 16 x 1.5mm | |
| C226-7 | 25 | 12 x 18 x 1.5mm | |
| C226-8 | 25 | 14 x 18 x 1.5mm | |
| C226-9 | 25 | 14 x 20 x 1.5mm | |
| C226-10 | 25 | 16 x 20 x 1.5mm | |
| C226-11 | 25 | 16 x 22 x 1.5mm | |
| C226-12 | 10 | 18 x 24 x 1.5mm | |
| C226-13 | 10 | 20 x 26 x 1.5mm |  |
| C226-14 | 10 | 26 x 31 x 2mm | |
| C1660-1 | 40 | 5 x 10mm | |
| C1660-2 | 40 | 6 x 12.5mm | |
| C1660-3 | 40 | 8 x 16mm | |
| C1660-4 | 40 | 10 x 20mm |  |
| C1660-5 | 35 | 12 x 22mm | |
| C1660-6 | 20 | 14 x 24mm | |
| C1660-7 | 20 | 16 x 25mm | |
| C1660-8 | 15 | 20 x 30mm | |
| C1660-9 | 5 | 22 x 35mm | |
| C1660-10 | 5 | 24 x 38mm | |


Bulk Packs: page 133




| CA2265 PLASTIC TRIM CLIPS & SCREW GROMMETS | | | |
|--------------------------------------------|---------|---------------------------------|--------------------------------------------------------------------------------------|
| C2265-1 | 15 / pk | Trim Anchor |  |
| C2265-2 | 10 | Scrivet Clips 6mm | |
| C2265-3 | 10 | Scrivet Clips 8mm | |
| C2265-4 | 5 | Captive Nuts - M6 Short | |
| C2265-5 | 5 | Captive Nuts - M6 Long | |
| C2265-6 | 5 | Captive Nuts - M8 Short | |
| C2265-7 | 5 | Captive Nuts - M8 Long | |
| C2265-8 | 10 | Window Winder Clips | |
| C2265-9 | 15 | Xmas Tree Beige 16mm Hd Dia. | |
| C2265-10 | 15 | Xmas Tree Grey 16mm Hd Dia. | |
| C2265-11 | 10 | Xmas Tree Blue 20mm Hd Dia. | |
| C2265-12 | 10 | Xmas Tree White 20mm Hd Dia. | |
| C2265-13 | 5 | Xmas Tree Grey 34mm Hd Dia. |  |
| C2265-14 | 5 | Xmas Tree Black 34mm Hd Dia. | |
| C1735-1 | 5 | Xmas Tree Black 16mm Hd Dia. | |
| C1735-4 | 5 | Canoe Clip Black 14mm Hd Dia. | |
| C1735-5 | 5 | Canoe Clip Brown 14mm Hd Dia. | |
| C1735-7 | 5 | Door Panel Clip | |
| C1735-8 | 5 | Door Panel Clip Universal | |
| C1735-9 | 5 | Door Trim Brush | |
| C1735-11 | 5 | Screw Gromm Sq 3/8 x 3/8" (10G) | |
| C1735-12 | 5 | Screw Gromm Sq 6.9 x 7.3mm (6G) | |
| C1735-13 | 5 | Screw Gromm Sq 3/8 x 3/8" (6G) | |
| C1735-14 | 5 | Screw Gromm Sq 8.3 x 8.3mm (8G) | |

Bulk Packs: p119-123


| CA2276 SHIM STEEL WASHERS | | | |
|---------------------------|---------|-------------------|---------------------------------------------------------------------------------------|
| C276-1 | 18 / pk | 5/8 x 1-1/8" |  |
| C276-2 | 24 | 3/4 x 1-7/16" | |
| C276-3 | 18 | 7/8 x 1-5/8" | |
| C276-4 | 24 | 27/32 x 1-5/16" | |
| C276-6 | 6 | 1 x 2" | |
| C276-10 | 12 | 25/32 x 1-5/16" | |
| C276-12 | 12 | 1-1/8 x 1-5/8" | |
| C276-13 | 6 | 1-3/8 x 1-3/4" | |
| C276-15 | 12 | 3/4 x 1-1/16" | |
| C276-16 | 12 | 15/16 x 1-5/8" | |
| C276-17 | 12 | 7/8 x 1-7/16" | |
| C276-18 | 12 | 13/16 x 1-7/16" | |
| C276-19 | 18 | 7/8 x 1-9/16" |  |
| C276-20 | 6 | 15/16 x 1-3/4" | |
| C276-21 | 18 | 1-1/8 x 1-13/16" | |
| C276-22 | 6 | 1-1/32 x 1-5/8" | |
| C276-23 | 6 | 25/32 x 1-1/4" | |
| C276-24 | 6 | 29/32 x 1-1/2" |  |
| C276-25 | 6 | 3/4 x 1-5/8" | |
| C276-27 | 6 | 1-9/64 x 1-27/32" | |
| C276-36 | 12 | 3/4 x 1-3/8" | |
| C276-38 | 24 | 11/16 x 1-1/8" | |
| C1750-1 | 10 | 3/16 x 1/2" |  |
| C1750-2 | 30 | 1/4 x 9/16" | |
| C1750-3 | 30 | 5/16 x 5/8" | |
| C1750-4 | 30 | 3/8 x 3/4" | |
| C1750-5 | 15 | 7/16 x 13/16" | |


REPLACEMENT PACKS






| CA2276 | SHIM STEEL WASHERS <i>Continued</i> | | |
|----------|-------------------------------------|-----------------|-----------------------------------------------------------------------------------|
| C1750-6 | 15 / pack | 1/2 x 7/8" |  |
| C1750-7 | 10 | 9/16 x 15/16" | |
| C1750-8 | 10 | 5/8 x 1" | |
| C1750-9 | 10 | 11/16 x 1-1/16" | |
| C1750-10 | 10 | 3/4 x 1-1/8" | |
| C1750-11 | 5 | 13/16 x 1-3/16" | |
| C1750-12 | 5 | 7/8 x 1-1/4" | |
| C1750-13 | 5 | 15/16 x 1-3/8" | |
| C1750-14 | 5 | 1 x 1-1/2" | |

| CA2300 | | SOCKET HEAD CAP SCREWS | |
|----------------------------------|-----------|------------------------|-------------------------------------------------------------------------------------|
| BSW, HIGH TENSILE | | | |
| Assortment contents listed below | | | |
| C91203010 | 40 / pack | 3/16 x 5/8 |  |
| C91203020 | 30 | 3/16 x 1-1/4 | |
| C91203024 | 30 | 3/16 x 1-1/2 | |
| C91203028 | 30 | 3/16 x 1-3/4 | |
| C91203032 | 10 | 3/16 x 2 | |
| C91204010 | 10 | 1/4 x 5/8 |  |
| C91204020 | 15 | 1/4 x 1-1/4 | |
| C91204024 | 10 | 1/4 x 1-1/2 | |
| C91205010 | 20 | 5/16 x 5/8 | |
| C91205012 | 20 | 5/16 x 3/4 | |
| C91205016 | 10 | 5/16 x 1 |  |
| C91205020 | 10 | 5/16 x 1-1/4 | |
| C91205024 | 10 | 5/16 x 1-1/2 | |
| C91205028 | 5 | 5/16 x 1-3/4 | |
| C91205036 | 10 | 5/16 x 2-1/4 | |
| C91205040 | 5 | 5/16 x 2-1/2 |  |
| C91206012 | 10 | 3/8 x 3/4 | |
| C91206024 | 10 | 3/8 x 1-1/2 | |
| C91206028 | 3 | 3/8 x 1-3/4 | |
| C91206032 | 2 | 3/8 x 2 | |
| C91206036 | 3 | 3/8 x 2-1/4 | |
| C91208012 | 4 | 1/2 x 3/4 | |
| C91208020 | 1 | 1/2 x 1-1/4 | |
| C91208028 | 1 | 1/2 x 1-3/4 | |
| C91208036 | 1 | 1/2 x 2-1/4 | |

Bulk Packs: page 130

| CA2370 | BOLTS & NUTS | | |
|--------------------|--------------|------------------------|-------------------------------------------------------------------------------------|
| HEX HEAD, UNC, GR8 | | | |
| C2370-1 | 25 / pack | 1/4 x 3/4" Set Screws |  |
| C2370-2 | 25 | 1/4 x 1" Set Screws | |
| C2370-3 | 20 | 1/4 x 1-1/2" Bolts | |
| C2370-4 | 15 | 1/4 x 2" Bolts | |
| C2370-5 | 20 | 5/16 x 3/4" Set Screws | |
| C2370-6 | 20 | 5/16 x 1" Set Screws | |
| C2370-7 | 15 | 5/16 x 1-1/2" Bolts | |
| C2370-8 | 10 | 5/16 x 2" Bolts | |
| C2370-9 | 15 | 3/8 x 1" Set Screws | |
| C2370-10 | 10 | 3/8 x 1-1/2" Bolts | |
| C2370-11 | 10 | 3/8 x 2" Bolts | |

| CA2370 | | BOLTS & NUTS <i>Continued</i> | |
|--------------------|-----------|-------------------------------|-------------------------------------------------------------------------------------|
| HEX HEAD, UNC, GR8 | | | |
| C2370-12 | 10 / pack | 7/16 x 1" Set Screws |  |
| C2370-13 | 10 | 7/16 x 1-1/2" Bolts | |
| C2370-14 | 5 | 7/16 x 2" Bolts | |
| C2370-15 | 8 | 1/2 x 1" Set Screws | |
| C2370-16 | 5 | 1/2 x 1-1/2" Bolts | |
| C2370-17 | 5 | 1/2 x 2" Bolts | |
| C2370-18 | 50 | 1/4" Plain Nuts | |
| C2370-19 | 50 | 5/16" Plain Nuts | |
| C2370-20 | 25 | 3/8" Plain Nuts | |
| C2370-21 | 25 | 7/16" Plain Nuts | |
| C2370-22 | 15 | 1/2" Plain Nuts | |

| CA2385 | | AUTO FUSES | |
|--------------------------------------------|-----------|--------------------------|---------------------------------------------------------------------------------------|
| BLADE, MICRO, MINI BLADE & CIRCUIT BREAKER | | | |
| C110-1 | 10 / pack | AF Blade 3 Amp. |  |
| C110-2 | 10 | AF Blade 5 Amp. | |
| C110-3 | 10 | AF Blade 7.5 Amp. | |
| C110-4 | 10 | AF Blade 10 Amp. | |
| C110-5 | 25 | AF Blade 15 Amp. | |
| C110-6 | 25 | AF Blade 20 Amp. | |
| C110-7 | 10 | AF Blade 25 Amp. | |
| C110-8 | 10 | AF Blade 30 Amp. | |
| C111-1 | 15 | Micro 3 Amp. |  |
| C111-2 | 15 | Micro 5 Amp. | |
| C111-3 | 15 | Micro 7.5 Amp. | |
| C111-4 | 15 | Micro 10 Amp. | |
| C111-5 | 15 | Micro 15 Amp. | |
| C111-6 | 15 | Micro 20 Amp. | |
| C111-7 | 15 | Micro 25 Amp. | |
| C111-8 | 15 | Micro 30 Amp. | |
| C112-1 | 15 | Mini 3 Amp. |  |
| C112-2 | 15 | Mini 5 Amp. | |
| C112-3 | 15 | Mini 7.5 Amp. | |
| C112-4 | 15 | Mini 10 Amp. | |
| C112-5 | 15 | Mini 15 Amp. | |
| C112-6 | 15 | Mini 20 Amp. | |
| C112-7 | 15 | Mini 25 Amp. | |
| C112-8 | 15 | Mini 30 Amp. | |
| C113-1 | 5 | Circuit Breaker 5 Amp. |  |
| C113-2 | 5 | Circuit Breaker 7.5 Amp. | |
| C113-3 | 5 | Circuit Breaker 10 Amp. | |
| C113-4 | 5 | Circuit Breaker 15 Amp. | |
| C113-5 | 5 | Circuit Breaker 20 Amp. | |
| C113-6 | 5 | Circuit Breaker 25 Amp. | |
| C113-7 | 5 | Circuit Breaker 30 Amp. | |
| C2385-1 | 15 | Mini 4 Amp. |  |
| C2385-2 | 15 | Micro 4 Amp. | |

CA2415 GREASE NIPPLES

METRIC & IMPERIAL

Assortment contents listed below

| | | |
|--------|-----------|---------------------|
| CGN3 | 50 / pack | 6 x 10 x 1mm |
| CGN161 | 50 | M6 x 1.00 Straight |
| CN1 | 25 | 1/4" BSF Straight |
| CN12 | 10 | 5/16" BSF Straight |
| CN15 | 10 | M8 x 1.25 Straight |
| CN19 | 25 | M8 x 1.25 45° |
| CN28 | 25 | 1/8" NPT Straight |
| CN29 | 25 | 1/8" BSP Straight |
| CN37 | 10 | 1/8" NPT 67.5° |
| CN39 | 10 | 1/8" BSP 67.5° |
| CN43 | 10 | 1/8" NPT 90° |
| CN44 | 10 | 1/8" GAS 90° |
| CN48 | 10 | 1/4" BSP Straight |
| CN107 | 25 | 1/4" UNF 90° |
| CN162 | 10 | M8 x 1.00 Straight |
| CN168 | 25 | M6 x 1.00 45° |
| CN173 | 25 | M6 x 1.00 90° |
| CN200 | 10 | M10 x 1.00 Straight |
| CN1020 | 25 | 1/4" UNF Long |
| CN1211 | 25 | 1/4" UNF 45° |

Bulk Packs: page 126

CA2417 SOCKET HEAD CAP SCREWS

METRIC, HIGH TENSILE GR8.8

Assortment contents listed below

| | | |
|-----------|--------|-----------|
| M91203016 | 20 qty | M3 x 16mm |
| M91203020 | 20 | M3 x 20mm |
| M91203025 | 20 | M3 x 25mm |
| M91203030 | 20 | M3 x 30mm |
| M91204016 | 20 | M4 x 16mm |
| M91204020 | 20 | M4 x 20mm |
| M91204025 | 20 | M4 x 25mm |
| M91204030 | 20 | M4 x 30mm |
| M91205010 | 20 | M5 x 10mm |
| M91205016 | 20 | M5 x 16mm |
| M91205020 | 20 | M5 x 20mm |
| M91205025 | 20 | M5 x 25mm |
| M91205030 | 20 | M5 x 30mm |
| M91206010 | 20 | M6 x 10mm |
| M91206016 | 20 | M6 x 16mm |
| M91206020 | 20 | M6 x 20mm |
| M91206025 | 20 | M6 x 25mm |
| M91206030 | 20 | M6 x 30mm |
| M91206040 | 20 | M6 x 40mm |
| M91208016 | 10 | M8 x 16mm |
| M91208020 | 10 | M8 x 20mm |
| M91208025 | 10 | M8 x 25mm |
| M91208030 | 10 | M8 x 30mm |
| M91208040 | 10 | M8 x 40mm |

Bulk Packs: page 149

CA2431 BOLTS & NUTS

HEX, METRIC, HIGH TENSILE GR8.8

| | | |
|---------|-----------|---------------------|
| C2431-1 | 25 / pack | 6 x 20mm Set Screws |
| C2431-2 | 25 | 6 x 25mm Set Screws |
| C2431-3 | 25 | 6 x 35mm Set Screws |
| C2431-4 | 20 | 6 x 50mm Hex Bolts |
| C2431-5 | 20 | 8 x 20mm Set Screws |

CA2431 BOLTS & NUTS *Continued*

HEX, METRIC, HIGH TENSILE GR8.8

| | | |
|----------|---------|-------------------------|
| C2431-6 | 20 / pk | 8 x 25mm Set Screws |
| C2431-7 | 15 | 8 x 35mm Set Screws |
| C2431-8 | 10 | 8 x 50mm Bolts |
| C2431-9 | 10 | 10 x 25mm Set Screws |
| C2431-10 | 10 | 10 x 35mm Set Screws |
| C2431-11 | 10 | 10 x 45mm Bolts |
| C2431-12 | 10 | 10 x 50mm Bolts |
| C2431-13 | 8 | 12 x 25mm Set Screws |
| C2431-14 | 6 | 12 x 35mm Set Screws |
| C2431-15 | 5 | 12 x 45mm Bolts |
| C2431-16 | 5 | 12 x 50mm Bolts |
| C2431-17 | 50 | M6 x 1.00mm Plain Nuts |
| C2431-18 | 50 | M8 x 1.25mm Plain Nuts |
| C2431-19 | 25 | M10 x 1.50mm Plain Nuts |
| C2431-20 | 15 | M12 x 1.75mm Plain Nuts |

CA2540 SPLIT PINS

STEEL, ZINC PLATED

Assortment contents listed below

| | | |
|----------|----------|-------------|
| CPS10622 | 200 / pk | 1.6 x 22mm |
| CPS10636 | 200 | 1.6 x 36mm |
| CPS20036 | 150 | 2.0 x 36mm |
| CPS20525 | 200 | 2.5 x 25mm |
| CPS20545 | 100 | 2.5 x 45mm |
| CPS30232 | 100 | 3.2 x 32mm |
| CPS30250 | 75 | 3.2 x 50mm |
| CPS40032 | 75 | 4.0 x 32mm |
| CPS40050 | 50 | 4.0 x 50mm |
| CPS50040 | 50 | 5.0 x 40mm |
| CPS50050 | 40 | 5.0 x 50mm |
| CPS60050 | 25 | 6.0 x 50mm |
| CPS63050 | 25 | 6.3 x 50mm |
| CPS70632 | 100 | 7/64 x 32 |
| CPS70650 | 75 | 7/64 x 50mm |
| CPS90650 | 75 | 9/64 x 50mm |

Bulk Packs: page 131

CA2700 WIRING TERMINALS

CRIMP TYPE INCLUDING ADJUSTABLE RATCHET CRIMP TOOL

Assortment contents listed below

| | | |
|-------|--------|----------------------------|
| 13-5 | 40 qty | Ring 5mm Hole Red |
| 201F | 24 | Female Bullet Blue |
| 201M | 24 | Male Bullet Blue |
| 22-5 | 40 | Ring 5mm Hole Blue |
| 23-10 | 20 | Ring 4mm Hole Blue |
| 309M | 50 | Male Push-On Red |
| 309WF | 50 | Female Spade Fully Insul. |
| 320M | 50 | Quick Connect Tab Blue |
| 320WF | 50 | Quick Connect Recep. Blue |
| 355M | 40 | Yellow Male Push-On |
| 355WF | 40 | Yellow Female Fully Insul. |
| 384FM | 20 | 2 Way Blade - M/F Blue |
| 385F | 30 | Spade Female 8mm Tab Blue |
| 386F | 20 | Blade Female 10mm Yellow |
| 53-6 | 20 | 15/64" Ring Yellow |
| 53-8 | 30 | Ring 8.2mm Hole Yellow |
| 55-13 | 20 | Ring 13mm Eye Yellow |
| TG1 | 40 | Butt Splice Red |
| TG2 | 50 | Butt Splice Blue |
| TG3 | 40 | Butt Splice Yellow |
| 277 | 1 | Ratchet Crimping Tool |

Bulk Packs: page 135

REPLACEMENT PACKS

CA2705 MACHINE SCREWS

METRIC, PAN HEAD, PHILLIPS, ZINC PLATED

Assortment contents listed below

| | | |
|-------|------------|---------|
| CMS1 | 100 / pack | M3 x 10 |
| CMS3 | 100 | M3 x 16 |
| CMS4 | 100 | M3 x 20 |
| CMS5 | 100 | M3 x 25 |
| CMS6 | 100 | M3 x 30 |
| CMS7 | 100 | M4 x 8 |
| CMS8 | 100 | M4 x 10 |
| CMS9 | 100 | M4 x 16 |
| CMS10 | 100 | M4 x 20 |
| CMS11 | 100 | M4 x 25 |
| CMS13 | 100 | M5 x 10 |
| CMS14 | 100 | M5 x 16 |
| CMS15 | 100 | M5 x 20 |
| CMS16 | 50 | M5 x 25 |
| CMS17 | 50 | M5 x 35 |
| CMS18 | 100 | M6 x 10 |
| CMS19 | 50 | M6 x 16 |
| CMS20 | 50 | M6 x 20 |
| CMS21 | 50 | M6 x 25 |
| CMS22 | 40 | M6 x 30 |
| CMS23 | 30 | M6 x 35 |
| CMS24 | 25 | M6 x 40 |
| CMS25 | 20 | M6 x 45 |
| CMS26 | 20 | M6 x 50 |



Bulk Packs: page 127

CA2710 MACHINE SCREWS & NUTS

METRIC, COUNTERSUNK, PHILLIPS, ZINC PLATED

Assortment contents listed below

| | | |
|--------|------------|----------------------|
| CMS50 | 100 / pack | 3 x 20mm |
| CMS51 | 100 | 3 x 50mm |
| CMS52 | 100 | 4 x 16mm |
| CMS53 | 100 | 4 x 25mm |
| CMS54 | 100 | 4 x 35mm |
| CMS55 | 50 | 4 x 50mm |
| CMS56 | 100 | 5 x 20mm |
| CMS57 | 100 | 5 x 25mm |
| CMS58 | 50 | 5 x 35mm |
| CMS59 | 50 | 5 x 50mm |
| CMS60 | 50 | 5 x 60mm |
| CMS61 | 100 | 6 x 16mm |
| CMS62 | 100 | 6 x 20mm |
| CMS63 | 50 | 6 x 25mm |
| CMS64 | 50 | 6 x 40mm |
| CMS65 | 50 | 6 x 50mm |
| CMS66 | 50 | 6 x 80mm |
| C300-1 | 100 | M3 x 0.5mm Hex Nuts |
| C300-2 | 100 | M4 x 0.7mm Hex Nuts |
| C300-3 | 100 | M5 x 0.8mm Hex Nuts |
| C300-4 | 100 | M6 x 1.00mm Hex Nuts |



Bulk Packs: page 127

CA2715 SEMS ASSEMBLY

HEX HEAD

Assortment contents listed below

| | | |
|--------|---------|---------------------------------|
| CBP46 | 20 / pk | 6 x 25 Combo Flat/Spring Wash |
| CBP48 | 25 | 12G x 3/4" Combo Flat Self-Tapp |
| CBP49 | 25 | 14G x 3/4" Flat Self-Tapp Black |
| CBP50 | 20 | 6 x 18mm Flat Washers |
| CBP72 | 20 | 5 x 22mm Flat Washers |
| CBP179 | 50 | 10 x 25 x 1.25 Flange Bolts 8.8 |
| CBP180 | 50 | 10 x 35 x 1.25 Flange Bolts 8.8 |
| CBP181 | 50 | 14G x 3/4" Self-Tapping Black |
| CBP182 | 50 | 10 x 30 Flat/Spring Washers |
| CBP183 | 50 | 5 x 19mm Flat Washers |
| CBP184 | 50 | 6 x 20 Combo Flat/Spring Wash |
| CBP185 | 50 | 6 x 25mm Flat/Spring Washers |
| CBP186 | 50 | 6 x 30 Combo Flat/Spring Wash |
| CBP187 | 50 | 8 x 25mm Flat Washers |
| CBP188 | 50 | 5 x 35mm Flat/Spring Washers |
| CBP189 | 50 | 6 x 12mm Flat/Spring Washers |
| CBP190 | 50 | 8 x 16mm Flat/Spring Washers |
| CBP191 | 50 | 8 x 20mm Flat/Spring Washers |
| CBP192 | 50 | 8 x 25mm Flat/Spring Washers |
| CBP193 | 50 | 8 x 30mm Flat/Spring Washers |



CA2788 NYLON SET SCREWS & NUTS

HEX HEAD

| | | |
|----------|---------|------------------|
| C2788-1 | 25 / pk | M5 x 16mm |
| C2788-2 | 25 | M5 x 20mm |
| C2788-3 | 25 | M5 x 25mm |
| C2788-4 | 25 | M5 x 30mm |
| C2788-5 | 25 | M5 x 35mm |
| C2788-6 | 25 | M5 x 40mm |
| C2788-7 | 25 | M6 x 16mm |
| C2788-8 | 25 | M6 x 20mm |
| C2788-9 | 25 | M6 x 25mm |
| C2788-10 | 25 | M6 x 30mm |
| C2788-11 | 25 | M6 x 40mm |
| C2788-12 | 20 | M6 x 50mm |
| C2788-13 | 20 | M8 x 16mm |
| C2788-14 | 20 | M8 x 20mm |
| C2788-15 | 20 | M8 x 25mm |
| C2788-16 | 20 | M8 x 30mm |
| C2788-17 | 15 | M8 x 35mm |
| C2788-18 | 15 | M8 x 40mm |
| C2788-19 | 10 | M8 x 50mm |
| C2788-20 | 50 | M5 x 0.8mm Nuts |
| C2788-21 | 50 | M6 x 1.00mm Nuts |
| C2788-22 | 50 | M8 x 1.25mm Nuts |



CHAMPION FASTENER BULK PACKS

























SPECIAL PRICES AVAILABLE FOR STANDARD KEG AND CARTON LOTS ON ALL BULK PRODUCTS

PANEL TRIM FASTENERS



BULK PACKS

PANEL TRIM FASTENERS

| | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>CBP02 XMAS TREE CLIPS 16 x 22mm (6.6-8.0 Hole)</p> |  <p>CBP03 XMAS TREE CLIPS 16 x 22mm (6.6-7.5 Hole)</p> |  <p>CBP04 XMAS TREE CLIPS 16 x 27mm (6.6-7.5 Hole)</p> |  <p>CBP05 CANOE CLIPS 11 x 26.5mm (7.5-7.6 Hole)</p> |  <p>CBP06 CANOE CLIPS 14 x 16mm (8.2-8.4 Hole)</p> |  <p>CBP07 CANOE CLIPS 14 x 16.8mm (6.6-7.8 Hole)</p> |
|  <p>CBP08 SCRIVET CLIPS 18.5 x 11.8mm (7.9-8.1 Hole)</p> |  <p>CBP09 BONNET ROD CLIPS 10mm</p> |  <p>CBP10 BONNET ROD CLIPS 7mm</p> |  <p>CBP11 WIRE TIES 19.5mm Open Dia.</p> |  <p>CBP12 SCREW GROMMETS 6.9 x 7.3mm – 6G</p> |  <p>CBP13 SCREW GROMMETS 8.3 x 8.3mm – 8G</p> |
|  <p>CBP14 SCREW GROMMETS 3/8" x 3/8" – 6G</p> |  <p>CBP15 SCREW GROMMETS 3/8" x 3/8" – 10G</p> |  <p>CBP16 WEATHER SEAL CLIPS Universal</p> |  <p>CBP17 WEATHER SEAL CLIPS Universal</p> |  <p>CBP18 WEATHER SEAL CLIPS Universal</p> |  <p>CBP19 MOULDING CLIPS Universal</p> |
|  <p>CBP20 MOULDING CLIPS Universal</p> |  <p>CBP21 MOULDING CLIPS Universal</p> |  <p>CBP22 HOLE SEALING STRAPS 6mm</p> |  <p>CBP23 SPEED NUTS 10G</p> |  <p>CBP24 SPEED NUTS 8G</p> |  <p>CBP25 SPEED NUTS 6G</p> |
|  <p>CBP26 SELF-TAPPING SCREWS 10G x 1"</p> |  <p>CBP27 SELF-TAPPING SCREWS 10G x 3/4"</p> |  <p>CBP28 SELF-TAPPING SCREWS 8G x 3/4"</p> |  <p>CBP29 SELF-TAPPING SCREWS 6G x 3/4"</p> |  <p>CBP30 XMAS TREE CLIPS 34.8 x 36mm (6.4-6.6 Hole)</p> |  <p>CBP31 XMAS TREE CLIPS 34.8 x 36mm (6.4 - 6.6 Hole)</p> |
|  <p>CBP32 XMAS TREE CLIPS 21 x 27mm (6.6-7.5 Hole)</p> |  <p>CBP33 XMAS TREE CLIPS 21 x 27mm (6.6-7.5 Hole)</p> |  <p>CBP34 ANCHOR TRIM CLIPS 18 x 16mm (12mm Hole)</p> |  <p>CBP35 PIPE CLIPS 9mm Head (11.7mm Hole)</p> |  <p>CBP36 SCREW RIVETS 22 x 9mm (8.2-10 Hole)</p> |  <p>CBP37 CLOSED GROMMETS 18 x 18mm (8.5-8.6 Hole)</p> |
|  <p>CBP38 MOULD CLIPS Kingswood</p> |  <p>CBP39 DOOR TRIM BUSH 16 x 16mm (8mm Hole)</p> |  <p>CBP40 UNI. DOOR TRIM BUSH 10mm</p> |  <p>CBP41 UNI. DOOR TRIM BUSH 10mm Dia.</p> |  <p>CBP42 UNI. DOOR TRIM BUSH 10 x 17mm (7mm Hole)</p> |  <p>CBP43 HEADLIGHT CLIPS Commodore</p> |
|  <p>CBP44 SEMS ASSEMBLY M8 x 30mm</p> |  <p>CBP45 HEX FLANGE NUTS M8 x 1.25mm</p> |  <p>CBP46 SEMS ASSEMBLY M6 x 25mm</p> |  <p>CBP47 HEX FLANGE NUTS M6 x 1.00mm</p> |  <p>CBP48 HEX SELF-TAPPING SCREWS 12G x 3/4"</p> |  <p>CBP49 HEX SELF-TAPPING SCREWS 14G x 3/4"</p> |

















































PANEL TRIM FASTENERS *Listing*

The Champion product range of Trim Clips are engineered, one piece snap-in fasteners, designed for easy installation into pre-punched holes and body panels. Manufactured from high strength engineering plastic, they are corrosion resistant and available in a variety of colours for matching trims.

| PART NO. | QTY | DESCRIPTION | SIZE |
|----------|---------|--------------------------|--------------------------------------------------|
| CBP02 | 50 / pk | Xmas Tree Clips Beige | 16mm Head 22mm Length 6.6 - 8.0mm Hole Size |
| CBP03 | 50 | Xmas Tree Clips Grey | 16mm Head 22mm Length 6.6 - 7.5mm Hole Size |
| CBP04 | 50 | Xmas Tree Clips Black | 16mm Head 27mm Length 6.6 - 7.5mm Hole Size |
| CBP05 | 50 | Canoe Clips Black | 11mm Head 26.5 Length 7.5 - 7.6mm Hole Size |
| CBP06 | 50 | Canoe Clips Black | 14mm Head 16mm Length 8.2 - 8.4mm Hole Size |
| CBP07 | 50 | Canoe Clips Brown | 14mm Head 16.8 Length 6.6 - 7.8mm Hole Size |
| CBP08 | 50 | Scrivet Clips | 18.5mm Head 11.8 Length 7.9 - 8.1mm Hole Size |
| CBP09 | 50 | Bonnet Rod Clips | 10mm |
| CBP10 | 50 | Bonnet Rod Clips | 7mm |
| CBP11 | 50 | Wire Ties | 19.5mm Open Dia. |
| CBP12 | 50 | Screw Grommets Square | 6.9 x 7.3mm – 6G |
| CBP13 | 50 | Screw Grommets Square | 8.3 x 8.3mm – 8G |
| CBP14 | 50 | Screw Grommets Round | 3/8" x 3/8" – 6G |
| CBP15 | 50 | Screw Grommets Round | 3/8" x 3/8" – 10G |
| CBP16 | 50 | Weather Seal Clips | Universal |
| CBP17 | 50 | Weather Seal Clips | Universal |
| CBP18 | 50 | Weather Seal Clips | Universal |
| CBP19 | 50 | Universal Moulding Clips | Universal |
| CBP20 | 50 | Universal Moulding Clips | Universal |
| CBP21 | 50 | Universal Moulding Clips | Universal |
| CBP22 | 50 | Hole Sealing Straps | 6mm |
| CBP23 | 100 | Speed Nuts | 10G |
| CBP24 | 100 | Speed Nuts | 8G |
| CBP25 | 100 | Speed Nuts | 6G |

| PART NO. | QTY | DESCRIPTION | SIZE |
|----------|---------|--------------------------|--------------------------------------------------|
| CBP26 | 50 / pk | Self-Tapping Screws | 10G x 1" |
| CBP27 | 100 | Self-Tapping Screws | 10G x 3/4" |
| CBP28 | 100 | Self-Tapping Screws | 8G x 3/4" |
| CBP29 | 100 | Self-Tapping Screws | 6G x 3/4" |
| CBP30 | 50 | Xmas Tree Clips Grey | 34.8mm Head 36mm Length 6.4 - 6.6mm Hole Size |
| CBP31 | 50 | Xmas Tree Clips Black | 34.8mm Head 36mm Length 6.4 - 6.6mm Hole Size |
| CBP32 | 50 | Xmas Tree Clips Grey | 21mm Head 27mm Length 6.6 - 7.5mm Hole Size |
| CBP33 | 50 | Xmas Tree Clips White | 21mm Head 27mm Length 6.6 - 7.5mm Hole Size |
| CBP34 | 50 | Anchor Trim Clips Black | 18mm Head 16mm Length 12mm Hole Size |
| CBP35 | 50 | Pipe Clips | 9mm Head Size 11.7mm Hole Size |
| CBP36 | 50 | Screw Rivets | 22mm Head 9mm Length 8.2 - 10mm Hole Size |
| CBP37 | 50 | Closed Grommets | 18mm Head 18mm Length 8.5 - 8.6mm Hole Size |
| CBP38 | 50 | Moulding Clips | Kingswood |
| CBP39 | 50 | Door Trim Bush | 16mm Head 16mm Length 8mm Hole Size |
| CBP40 | 50 | Universal Door Trim Bush | 10mm Dia. |
| CBP41 | 50 | Universal Door Trim Bush | 10mm Dia. |
| CBP42 | 50 | Universal Door Trim Bush | 10 Head 17 Length 7mm Hole Size |
| CBP43 | 50 | Headlight Clips | Commodore |
| CBP44 | 50 | Sems Assembly | M8 x 30mm |
| CBP45 | 50 | Hex Flange Nuts | M8 x 1.25mm |
| CBP46 | 50 | Sems Assembly | M6 x 25mm |
| CBP47 | 50 | Hex Flange Nuts | M6 x 1.00mm |
| CBP48 | 50 | Hex Self-Tapping Screws | 12G x 3/4" |
| CBP49 | 50 | Hex Self-Tapping Screws | 14G x 3/4" |

PANEL TRIM FASTENERS

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  CBP50 SEMS ASSEMBLY M6 x 18mm |  CBP51 TONNEAU HOOKS GMH |  CBP52 FORD TONNEAU HOOKS Ford |  CBP53 ROPE HOOKS Universal |  CBP54 MOULDING CLIPS 10 x 11mm (6mm Hole) |  CBP55 SCRIVET CLIPS 18 x 12.5mm (8.4-10.2 Hole) |
|  CBP56 PLASTIC PUSH RIVETS 16 x 10.4mm (7.4-8.4 Hole) |  CBP57 XMAS TREE CLIPS 15 x 15mm (4.9-5.1 Hole) |  CBP58 XMAS TREE CLIPS 14 x 15mm (6-6.8 Hole) |  CBP59 XMAS TREE CLIPS 16 x 15mm (5.9-6.1 Hole) |  CBP60 XMAS TREE CLIPS 17 x 17.5mm (6.8-7.2 Hole) |  CBP61 XMAS TREE CLIPS 20.2 x 15mm (6-6.8 Hole) |
|  CBP62 XMAS TREE CLIPS 20.8 x 13.5mm (6.4-6.6 Hole) |  CBP63 XMAS TREE CLIPS 20 x 27mm (4-6mm Hole) |  CBP64 BONNET INSULATION CLIPS 35 x 14mm (6mm Hole) |  CBP65 PLASTIC PUSH RIVETS 6 x 6.5mm (5mm Hole) |  CBP69 SPLASH GUARD CLIPS 26 x 14mm (9mm Hole) |  CBP70 GRILLE CLIPS Nissan |
|  CBP71 GRILLE CLIPS TOYOTA Toyota |  CBP72 HEADLIGHT BOLTS M5 x 20mm |  CBP73 CAPTIVE NUTS M5 x 0.8mm |  CBP74 SHORT CAPTIVE NUTS M6 x 1.00mm |  CBP75 LONG CAPTIVE NUTS M6 x 1.00mm |  CBP76 SHORT CAPTIVE NUTS M8 x 1.25mm |
|  CBP77 LONG CAPTIVE NUTS M8 x 1.25mm |  CBP78 SELF-CUTTING NUTS 1/8" |  CBP79 SELF-CUTTING NUTS 3/16" |  CBP80 BADGE CLIPS Universal |  CBP81 WINDOW WINDER CLIP Universal |  CBP82 MOULDING CLIPS Universal |
|  CBP83 RAZOR BLADE CLIPS 13.5 x 28mm |  CBP84 RAZOR BLADE CLIPS 16 x 30mm |  CBP85 CLOSED END GROMMETS 8G |  CBP86 PLASTIC PUSH RIVETS 9 x 4.5mm (6mm Hole) |  CBP87 CANOE CLIPS 13.9 x 7.6mm (4.8-5.1 Hole) |  CBP88 MOULDING CLIPS ASSEMBLY 14 x 11mm (8mm Hole) |
|  CBP89 BUMPER CLIPS 17 x 12mm (10mm Hole) |  CBP90 DOOR TRIM CLIPS 16 x 9mm |  CBP91 DOOR TRIM CLIPS 13 x 13mm (8mm Hole) |  CBP92 DOOR TRIM CLIPS 13 x 14mm (9.5mm Hole) |  CBP93 RETAINER CLIPS Universal |  CBP94 TONNEAU HOOKS Universal |
|  CBP98 TONNEAU CORDS Universal |  CBP99 HOLE MOUNTED CABLE TIES 6.7mm Hole Size |  CBP100 RETAINER CLIPS 13 x 9.5mm (6mm Hole) |  CBP101 CANOE CLIPS 9.5 x 11.1mm (4.6-4.8 Hole) |  CBP102 CANOE CLIPS 9.6 x 13.4mm (4.6-4.8 Hole) |  CBP103 MOULDING CLIPS 11 x 12mm (4mm Hole) |

PANEL TRIM FASTENERS *Listing*

| PART NO. | QTY | DESCRIPTION | SIZE |
|----------|-------|-------------------------|----------------------------------------------------|
| CBP50 | 50/pk | Sems Assembly | M6 x 18mm |
| CBP51 | 50 | Tonneau Hooks | GMH |
| CBP52 | 50 | Tonneau Hooks | Ford |
| CBP53 | 50 | Rope Hooks | Universal |
| CBP54 | 50 | Scrivet Clips | 10mm Head 11mm Length 6mm Hole Size |
| CBP55 | 50 | Scrivet Clips Black | 18mm Head 12.5mm Length 8.4 - 10.2mm Hole Size |
| CBP56 | 50 | Plastic Push Rivets | 16mm Head 10.4mm Length 7.4 - 8.4mm Hole Size |
| CBP57 | 50 | Xmas Tree Clips Black | 15mm Head 15mm Length 4.9 - 5.1mm Hole Size |
| CBP58 | 50 | Xmas Tree Clips Black | 14mm Head 15mm Length 6.0 - 6.8mm Hole Size |
| CBP59 | 50 | Xmas Tree Clips Black | 16mm Head 15mm Length 5.9 - 6.1mm Hole Size |
| CBP60 | 50 | Xmas Tree Clips Black | 17mm Head 17.5mm Length 6.8 - 7.2mm Hole Size |
| CBP61 | 50 | Xmas Tree Clips Black | 20.2mm Head 15mm Length 6.0 - 6.8mm Hole Size |
| CBP62 | 50 | Xmas Tree Clips Black | 20.8mm Head 13.5mm Length 6.4 - 6.6mm Hole Size |
| CBP63 | 50 | Xmas Tree Clips Black | 20mm Head 27mm Length 4 - 6mm Hole Size |
| CBP64 | 50 | Bonnet Insulation Clips | 35mm Head 14mm Length 6mm Hole Size |
| CBP65 | 50 | Plastic Push Rivets | 6mm Head 6.5mm Length 5mm Hole Size |
| CBP69 | 50 | Splash Guard Clips | 26mm Head 14mm Length 9mm Hole Size |
| CBP70 | 50 | Grille Clips | Nissan |
| CBP71 | 50 | Grille Clips | Toyota |
| CBP72 | 50 | Headlight Bolts | M5 x 20mm |
| CBP73 | 50 | Captive Nuts | M5 x 0.8mm |
| CBP74 | 50 | Short Captive Nuts | M6 x 1.00mm |
| CBP75 | 50 | Long Captive Nuts | M6 x 1.00mm |
| CBP76 | 50 | Short Captive Nuts | M8 x 1.25mm |

| PART NO. | QTY | DESCRIPTION | SIZE |
|----------|-------|-------------------------|---------------------------------------------------|
| CBP77 | 50/pk | Long Captive Nuts | M8 x 1.25mm |
| CBP78 | 50 | Self-Cutting Nuts | 1/8" |
| CBP79 | 50 | Self-Cutting Nuts | 3/16" |
| CBP80 | 50 | Badge Clips | Universal |
| CBP81 | 50 | Window Winder Clips | Universal |
| CBP82 | 50 | Moulding Clips Metal | Universal |
| CBP83 | 50 | Razor Blade Clips | 13.5mm Head 28mm Length |
| CBP84 | 50 | Razor Blade Clips | 16mm Head 30mm Length |
| CBP85 | 50 | Closed End Grommets | 8G |
| CBP86 | 50 | Plastic Push Rivets | 9mm Head 4.5mm Length 6mm Hole Size |
| CBP87 | 50 | Canoe Clips | 13.9mm Head 7.6mm Length 4.8 - 5.1mm Hole Size |
| CBP88 | 50 | Moulding Clips Assembly | 14mm Head 11mm Length 8mm Hole Size |
| CBP89 | 50 | Bumper Clips | 17mm Head 12mm Length 10mm Hole Size |
| CBP90 | 50 | Door Trim Clips | 16mm Head 9mm Length |
| CBP91 | 50 | Door Trim Clips | 13mm Head 13mm Length 8mm Hole Size |
| CBP92 | 50 | Door Trim Clips | 13mm Head 14mm Length 9.5mm Hole Size |
| CBP93 | 50 | Retainer Clips | Universal |
| CBP94 | 50 | Tonneau Hooks | Universal |
| CBP98 | 50 | Tonneau Cords | Universal |
| CBP99 | 50 | Hole Mounted Cable Ties | 6.7mm Hole Size |
| CBP100 | 50 | Retainer Clips | 13mm Head 9.5mm Length 6mm Hole Size |
| CBP101 | 50 | Canoe Clips | 9.5mm Head 11.1 Length 4.6 - 4.8mm Hole Size |
| CBP102 | 50 | Canoe Clips | 9.6mm Head 13.4 Length 4.6 - 4.8mm Hole Size |
| CBP103 | 50 | Moulding Clips | 11mm Head 12mm Length 4mm Hole Size |

PANEL TRIM FASTENERS

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>CBP104 CANOE CLIPS 14.2 x 15.2mm (5.5-5.7 Hole)</p> |  <p>CBP105 XMAS TREE CLIPS 12 x 15mm (4.8-5.1mm Hole)</p> |  <p>CBP151 BUTTON STUDS Male Set</p> |  <p>CBP152 BUTTON STUDS Female Set</p> |  <p>CBP153 STUD SOCKETS Set (suits CBP 155)</p> |  <p>CBP154 STUD EYELETS Set (suits CBP 156)</p> |
|  <p>CBP155 STUD FASTENERS Set (suits CBP 153)</p> |  <p>CBP156 STUD FASTENERS Suits CBP 154</p> |  <p>CBP157 PUSH RIVETS 11 x 18mm (6mm Hole)</p> |  <p>CBP158 XMAS TREE CLIPS 25 x 24mm (6.8mm Hole)</p> |  <p>CBP159 FENDER PROTECTOR CLIPS</p> |  <p>CBP160 SCRIVET CLIPS 20 x 18mm (8mm Hole)</p> |
|  <p>CBP161 SCRIVET CLIPS 20 x 27mm (8mm Hole)</p> |  <p>CBP162 SCRIVET CLIPS 18 x 12mm (8mm Hole)</p> |  <p>CBP163 PUSH RIVETS 18 x 28mm (9mm Hole)</p> |  <p>CBP164 PUSH RIVETS 20 x 13mm (10mm Hole)</p> |  <p>CBP165 PUSH RIVETS 20 x 11mm (8mm Hole)</p> |  <p>CBP166 SCRIVET CLIPS 17 x 10mm (7mm Hole)</p> |
|  <p>CBP167 SCRIVET CLIPS 15 x 20mm (8mm Hole)</p> |  <p>CBP168 SCRIVET CLIPS 20 x 20mm (8mm Hole)</p> |  <p>CBP169 PUSH RIVETS 20 x 9mm (8mm Hole)</p> |  <p>CBP170 PUSH RIVETS 18 x 7mm (7mm Hole)</p> |  <p>CBP171 PUSH RIVETS 14 x 14mm (6mm Hole)</p> |  <p>CBP172 PUSH RIVETS 15 x 17mm (6mm Hole)</p> |
|  <p>CBP173 XMAS TREE CLIPS 17 x 20mm (7mm Hole)</p> |  <p>CBP174 XMAS TREE CLIPS 18 x 26mm (7mm Hole)</p> |  <p>CBP175 XMAS TREE CLIPS 25 x 32mm (8mm Hole)</p> |  <p>CBP176 XMAS TREE CLIPS 15/16" x 19mm (9mm Hole)</p> |  <p>CBP177 XMAS TREE CLIPS 18 x 35mm (8mm Hole)</p> |  <p>CBP178 XMAS TREE CLIPS 18 x 20mm (6.8mm Hole)</p> |
|  <p>CBP179 HEX FLANGE BOLTS 8.8 10 x 25 x 1.25mm</p> |  <p>CBP180 HEX FLANGE BOLTS 8.8 10 x 35 x 1.25mm</p> |  <p>CBP181 HEX SELF-TAPPING 14G x 3/4"</p> |  <p>CBP182 SEMS, FLAT/SPRING WASH 10 x 30mm</p> |  <p>CBP183 SEMS, HEX, FLAT WASHER 5 x 19mm</p> |  <p>CBP184 SEMS, HEX, COMBO, FLAT/SPRING WASHER 6 x 20mm</p> |
|  <p>CBP185 SEMS, HEX, COMBO, FLAT/SPRING WASHER 6 x 25mm</p> |  <p>CBP186 SEMS, HEX, COMBO, FLAT/SPRING WASHER 6 x 30mm</p> |  <p>CBP187 SEMS, HEX, FLAT WASHER 8 x 25mm</p> |  <p>CBP188 SEMS, HEX, COMBO, FLAT/SPRING WASHER 5 x 35mm</p> |  <p>CBP189 SEMS, HEX, FLAT/SPRING WASHER 6 x 12mm</p> |  <p>CBP190 SEMS, HEX, FLAT/SPRING WASHER 8 x 16mm</p> |
|  <p>CBP191 SEMS, HEX, FLAT/SPRING WASHER 8 x 20mm</p> |  <p>CBP192 SEMS, HEX, FLAT/SPRING WASHER 8 x 25mm</p> |  <p>CBP193 SEMS, HEX, FLAT/SPRING WASHER 8 x 30mm</p> |  <p>RT6834 TRIM CLIP REMOVER TOOL Well designed tool removes trim clips in just a few seconds. Place the tool under the edge of the trim fastener, then just pry upwards.</p> | | |

PANEL TRIM FASTENERS *Listing*

| PART NO. | QTY | DESCRIPTION | SIZE | |
|----------|---------|------------------------|-----------------------|---------------|
| CBP104 | 50 / pk | Canoe Clips | 14.2mm Head | 15.2mm Length |
| | | | 5.5 - 5.7mm Hole Size | |
| CBP105 | 50 | Xmas Tree Clips | 12mm Head | 15mm Length |
| | | | 4.8 - 5.1mm Hole Size | |
| CBP151 | 50 | Button Studs | Male Set | |
| CBP152 | 50 | Button Studs | Female Set | |
| CBP153 | 50 | Stud Sockets | Set (suits CBP 155) | |
| CBP154 | 50 | Stud Eyelets | Set (suits CBP 156) | |
| CBP155 | 50 | Stud Fasteners | 8G (suits CBP 153) | |
| CBP156 | 50 | Stud Fasteners | Suits CBP 154 | |
| CBP157 | 50 | Push Rivets | 11mm Head | 18mm Length |
| | | | 6mm Hole Size | |
| CBP158 | 50 | Xmas Tree Clips | 25mm Head | 24mm Length |
| | | | 6.8mm Hole Size | |
| CBP159 | 50 | Fender Protector Clips | | |
| CBP160 | 50 | Scrivet Clips | 20mm Head | 18mm Length |
| | | | 8mm Hole Size | |
| CBP161 | 50 | Scrivet Clips | 20mm Head | 27mm Length |
| | | | 8mm Hole Size | |
| CBP162 | 50 | Scrivet Clips | 18mm Head | 12mm Length |
| | | | 8mm Hole Size | |
| CBP163 | 50 | Push Rivets | 18mm Head | 28mm Length |
| | | | 9mm Hole Size | |
| CBP164 | 50 | Push Rivets | 20mm Head | 13mm Length |
| | | | 10mm Hole Size | |
| CBP165 | 50 | Push Rivets | 20mm Head | 11mm Length |
| | | | 8mm Hole Size | |
| CBP166 | 50 | Scrivet Clips | 17mm Head | 10mm Length |
| | | | 7mm Hole Size | |
| CBP167 | 50 | Scrivet Clips | 15mm Head | 20mm Length |
| | | | 8mm Hole Size | |
| CBP168 | 50 | Scrivet Clips | 20mm Head | 20mm Length |
| | | | 8mm Hole Size | |
| CBP169 | 50 | Push Rivets | 20mm Head | 9mm Length |
| | | | 8mm Hole Size | |
| CBP170 | 50 | Push Rivets | 18mm Head | 7mm Length |
| | | | 7mm Hole Size | |
| CBP171 | 50 | Push Rivets | 14mm Head | 14mm Length |
| | | | 6mm Hole Size | |

| PART NO. | QTY | DESCRIPTION | SIZE | |
|----------|---------|---------------------------------------|------------------|-------------|
| CBP172 | 50 / pk | Push Rivets | 15mm Head | 17mm Length |
| | | | 6mm Hole Size | |
| CBP173 | 50 | Xmas Tree Clips | 17mm Head | 20mm Length |
| | | | 7mm Hole Size | |
| CBP174 | 50 | Xmas Tree Clips | 18mm Head | 26mm Length |
| | | | 7mm Hole Size | |
| CBP175 | 50 | Xmas Tree Clips | 25mm Head | 32mm Length |
| | | | 8mm Hole Size | |
| CBP176 | 50 | Xmas Tree Clips | 15/16" Head | 19mm Length |
| | | | 9mm Hole Size | |
| CBP177 | 50 | Xmas Tree Clips | 18mm Head | 35mm Length |
| | | | 8mm Hole Size | |
| CBP178 | 50 | Xmas Tree Clips | 18mm Head | 20mm Length |
| | | | 6.8mm Hole Size | |
| CBP179 | 50 | Hex Flange Bolts 8.8 | 10 x 25 x 1.25mm | |
| CBP180 | 50 | Hex Flange Bolts 8.8 | 10 x 35 x 1.25mm | |
| CBP181 | 50 | Hex Self-Tapping | 14G x 3/4" | |
| CBP182 | 50 | Sems, Flat/Spring Washers | 10 x 30mm | |
| CBP183 | 50 | Sems, Hex, Flat Washers | 5 x 19mm | |
| CBP184 | 50 | Sems, Hex, Combo, Flat/Spring Washers | 6 x 20mm | |
| CBP185 | 50 | Sems, Hex, Combo, Flat/Spring Washers | 6 x 25mm | |
| CBP186 | 50 | Sems, Hex, Combo, Flat/Spring Washers | 6 x 30mm | |
| CBP187 | 50 | Sems, Hex, Flat Washers | 8 x 25mm | |
| CBP188 | 50 | Sems, Hex, Combo, Flat/Spring Washers | 5 x 35mm | |
| CBP189 | 50 | Sems, Hex, Flat/Spring Washers | 6 x 12mm | |
| CBP190 | 50 | Sems, Hex, Flat/Spring Washers | 8 x 16mm | |
| CBP191 | 50 | Sems, Hex, Flat/Spring Washers | 8 x 20mm | |
| CBP192 | 50 | Sems, Hex, Flat/Spring Washers | 8 x 25mm | |
| CBP193 | 50 | Sems, Hex, Flat/Spring Washers | 8 x 30mm | |

BATTERY BOLTS

ZINC PLATED

| | | |
|-------|-----------|---------------|
| BNB1 | 50 / pack | 5/16 x 1-1/4" |
| BNB2 | 50 | 5/16 x 1-1/2" |
| BNB3 | 50 | 1/4 x 1/2" |
| BNB4 | 50 | 6 x 16mm |
| BNB11 | 10 | 5/16 x 1-1/4" |
| BNB12 | 10 | 5/16 x 1-1/2" |
| BNB13 | 10 | 1/4 x 1/2" |
| BNB14 | 10 | 6 x 16mm |



CIRCLIPS

METRIC, INTERNAL

| | | |
|----------|------------|------|
| D1300-8 | 100 / pack | 8mm |
| D1300-10 | 100 | 10mm |
| D1300-12 | 100 | 12mm |
| D1300-14 | 50 | 14mm |
| D1300-15 | 50 | 15mm |
| D1300-16 | 50 | 16mm |
| D1300-18 | 50 | 18mm |
| D1300-20 | 50 | 20mm |
| D1300-22 | 25 | 22mm |
| D1300-24 | 25 | 24mm |
| D1300-25 | 25 | 25mm |
| D1300-26 | 25 | 26mm |
| D1300-28 | 25 | 28mm |
| D1300-30 | 25 | 30mm |
| D1300-32 | 25 | 32mm |
| D1300-35 | 25 | 35mm |
| D1300-40 | 25 | 40mm |
| D1300-42 | 25 | 42mm |
| D1300-45 | 25 | 45mm |
| D1300-50 | 25 | 50mm |



CIRCLIPS

METRIC, EXTERNAL

| | | |
|----------|------------|------|
| D1400-6 | 100 / pack | 6mm |
| D1400-8 | 100 | 8mm |
| D1400-10 | 100 | 10mm |
| D1400-12 | 100 | 12mm |
| D1400-14 | 50 | 14mm |
| D1400-15 | 50 | 15mm |
| D1400-16 | 50 | 16mm |
| D1400-18 | 50 | 18mm |
| D1400-20 | 50 | 20mm |
| D1400-22 | 25 | 22mm |
| D1400-24 | 25 | 24mm |
| D1400-25 | 25 | 25mm |
| D1400-26 | 25 | 26mm |
| D1400-28 | 25 | 28mm |
| D1400-30 | 25 | 30mm |
| D1400-32 | 25 | 32mm |
| D1400-35 | 25 | 35mm |
| D1400-40 | 25 | 40mm |
| D1400-45 | 25 | 45mm |
| D1400-50 | 25 | 50mm |



CIRCLIPS

IMPERIAL, INTERNAL

| | | |
|----------|------------|---------|
| N1300-4 | 100 / pack | 1/4" |
| N1300-5 | 100 | 5/16" |
| N1300-6 | 100 | 3/8" |
| N1300-8 | 100 | 1/2" |
| N1300-10 | 50 | 5/8" |
| N1300-12 | 50 | 3/4" |
| N1300-14 | 50 | 7/8" |
| N1300-16 | 25 | 1" |
| N1300-17 | 25 | 1-1/16" |
| N1300-18 | 25 | 1-1/8" |
| N1300-19 | 25 | 1-3/16" |
| N1300-20 | 25 | 1-1/4" |
| N1300-21 | 25 | 1-5/16" |
| N1300-22 | 25 | 1-3/8" |
| N1300-23 | 25 | 1-7/16" |
| N1300-24 | 25 | 1-1/2" |
| N1300-26 | 25 | 1-5/8" |
| N1300-28 | 25 | 1-3/4" |
| N1300-30 | 25 | 1-7/8" |
| N1300-32 | 25 | 2" |



CIRCLIPS

IMPERIAL, EXTERNAL

| | | |
|----------|------------|---------|
| N1400-4 | 100 / pack | 1/4" |
| N1400-5 | 100 | 5/16" |
| N1400-6 | 100 | 3/8" |
| N1400-7 | 100 | 7/16" |
| N1400-8 | 100 | 1/2" |
| N1400-10 | 50 | 5/8" |
| N1400-12 | 50 | 3/4" |
| N1400-14 | 50 | 7/8" |
| N1400-16 | 25 | 1" |
| N1400-17 | 25 | 1-1/16" |
| N1400-18 | 25 | 1-1/8" |
| N1400-19 | 25 | 1-3/16" |
| N1400-20 | 25 | 1-1/4" |
| N1400-21 | 25 | 1-5/16" |
| N1400-22 | 25 | 1-3/8" |
| N1400-23 | 25 | 1-7/16" |
| N1400-24 | 25 | 1-1/2" |
| N1400-26 | 25 | 1-5/8" |
| N1400-28 | 25 | 1-3/4" |
| N1400-30 | 25 | 1-7/8" |
| N1400-32 | 25 | 2" |



CLEVIS PINS

ZINC PLATED

| | | |
|-------|-----------|---------------|
| CCP5 | 25 / pack | 1/4 x 1" |
| CCP10 | 25 | 5/16 x 15/16" |
| CCP11 | 25 | 5/16 x 1" |
| CCP18 | 25 | 5/16 x 1-1/4" |
| CCP19 | 25 | 5/16 x 1-3/4" |
| CCP25 | 25 | 3/8 x 1" |
| CCP27 | 25 | 3/8 x 1-1/8" |
| CCP36 | 25 | 3/8 x 2" |
| CCP43 | 25 | 7/16 x 1-1/2" |
| CCP48 | 25 | 1/2 x 1-3/4" |



DRAIN (SUMP) PLUGS

WITH WASHERS

| | | |
|-------|-----------|---------------------------|
| DP1 | 10 / pack | No.1 - 1/2" UNF Plug |
| DP10S | 10 | No.10/S - 1/2+ .028" Plug |
| DP3 | 10 | No.3 - 5/8" UNF Plug |
| DP12 | 10 | No.12 - M12 x 1.5 Plug |
| DP12C | 10 | No.12C - 12 x 1.75mm Plug |
| DP12F | 10 | No.12F - M12 x 1.25 Plug |
| DP14 | 10 | No.14 - M14 x 1.5 Plug |
| DP16 | 10 | No.16 - 3/8" BSPP |
| DP18 | 5 | No.18 - M18 x 1.5 Plug |
| DP25 | 5 | No.25 - M25 x 1.5 Plug |



DRAIN (SUMP) PLUG WASHERS

ALUMINIUM

| | | |
|---------|-----------|-----------------|
| CAW1218 | 50 / pack | 12 x 18 x 1.5mm |
| CAW1420 | 50 | 14 x 20 x 1.5mm |
| CAW1622 | 50 | 16 x 22 x 1.5mm |
| CAW1824 | 50 | 18 x 24 x 1.5mm |
| CAW2024 | 50 | 20 x 24 x 1.5mm |
| CAW2227 | 50 | 22 x 27 x 1.5mm |
| CAW2229 | 50 | 22 x 29 x 1.5mm |
| CAW2430 | 50 | 24 x 30 x 1.8mm |



DRAIN (SUMP) PLUG WASHERS

BLACK FIBRE

| | | |
|-------|-----------|----------------|
| CFW31 | 25 / pack | 12 x 24 x 2.00 |
| CFW32 | 25 | 18 x 28 x 2.00 |



DRAIN (SUMP) PLUG WASHERS

COPPER CRUSH

| | | |
|---------|-----------|-----------|
| CWC1218 | 20 / pack | 12 x 18mm |
| CWC1622 | 20 | 16 x 22mm |



DRAIN (SUMP) PLUG WASHERS

WHITE FIBRE

| | | |
|---------|-----------|----------------|
| CFW1224 | 25 / pack | 12 x 24 x 2.00 |
| CFW1622 | 25 | 16 x 22 x 2.00 |
| CFW1828 | 25 | 18 x 28 x 2.00 |
| CFW2535 | 25 | 25 x 35 x 2.00 |



'E' CLIPS

STEEL

| | | |
|----------|------------|------------------|
| C1500-9 | 100 / pack | Suit 3/32" Shaft |
| C1500-12 | 100 | Suit 1/8" Shaft |
| C1500-15 | 100 | Suit 5/32" Shaft |
| C1500-18 | 100 | Suit 3/16" Shaft |
| C1500-25 | 100 | Suit 1/4" Shaft |
| C1500-31 | 100 | Suit 5/16" Shaft |
| C1500-37 | 100 | Suit 3/8" Shaft |
| C1500-43 | 100 | Suit 7/16" Shaft |
| C1500-50 | 100 | Suit 1/2" Shaft |
| C1500-62 | 100 | Suit 5/8" Shaft |



FUSES - AUTO

| | | |
|--------|-----------|---------------------|
| AF3 | 50 / pack | 3 Amp Blade |
| AF5 | 50 | 5 Amp Blade |
| AF7.5 | 50 | 7.5 Amp Blade |
| AF10 | 50 | 10 Amp Blade |
| AF15 | 50 | 15 Amp Blade |
| AF20 | 50 | 20 Amp Blade |
| AF25 | 50 | 25 Amp Blade |
| AF30 | 50 | 30 Amp Blade |
| 6AC8 | 50 | 6AC 8 Amp European |
| 6AC16 | 50 | 6AC 16 Amp European |
| 6AC25 | 50 | 6AC 25 Amp European |
| 1AG2 | 50 | 1AG 2 Amp Glass |
| 1AG5 | 50 | 1AG 5 Amp Glass |
| 2AG7.5 | 50 | 2AG 7.5 Amp Glass |
| 3AG2 | 50 | 3AG 2 Amp Glass |
| 3AG3 | 50 | 3AG 3 Amp Glass |
| 3AG5 | 50 | 3AG 5 Amp Glass |
| 3AG7.5 | 50 | 3AG 7.5 Amp Glass |
| 3AG10 | 50 | 3AG 10 Amp Glass |
| 3AG15 | 50 | 3AG 15 Amp Glass |
| 3AG20 | 50 | 3AG 20 Amp Glass |
| 3AG25 | 50 | 3AG 25 Amp Glass |
| 3AG30 | 50 | 3AG 30 Amp Glass |
| 3AG35 | 50 | 3AG 35 Amp Glass |
| SFE14 | 50 | SFE 14 Amp Glass |



GREASE NIPPLES

PACKS OF 25

| | | |
|--------|-----------|------------------------|
| CN1 | 25 / pack | 1/4" BSF Straight |
| CN3 | 25 | 1/4" UNF Straight |
| CN8 | 25 | 1/4" BSF 67-1/2° |
| CN12 | 25 | 5/16" BSF Straight |
| CN15 | 25 | 8 x 1.25mm Straight |
| CN19 | 25 | 8 x 1.25mm 45° |
| CN20 | 25 | 5/16" BSF 67-1/2° |
| CN27 | 25 | 8 x 1.25mm 90° |
| CN28 | 25 | 1/8" NPT Straight |
| CN29 | 25 | 1/8" BSP Straight |
| CN37 | 25 | 1/8" NPT 67-1/2° |
| CN39 | 25 | 1/8" BSP 67-1/2° |
| CN43 | 25 | 1/8" NPT 90° |
| CN44 | 25 | 1/8" BSP 90° |
| CN48 | 25 | 1/4" BSP Straight |
| CN60 | 25 | 1/4" BSP 90° |
| CN107 | 25 | 1/4" UNF 90° |
| CN161 | 25 | 6 x 1mm Straight |
| CN162 | 25 | 8 x 1mm Straight |
| CN163 | 25 | M6 Self-Tapp Straight |
| CN168 | 25 | 6 x 1mm 45° |
| CN169 | 25 | 8 x 1mm 90° |
| CN172 | 25 | 8 x 1mm 45° |
| CN173 | 25 | 6 x 1mm 90° |
| CN200 | 25 | 10 x 1mm Straight |
| CN203 | 25 | 10 x 1mm 45° |
| CN204 | 25 | 10 x 1mm 90° |
| CN1020 | 25 | 1/4" UNF x 1-1/4" Long |
| CN1210 | 25 | 1/8" BSP 45° |
| CN1211 | 25 | 1/4" UNF 45° |



GREASE NIPPLES

BOXED QUANTITIES

| | | |
|---------|------------|------------------------|
| CGN1 | 100 / pack | 1/4" BSF Straight |
| CGN3 | 100 | 1/4" UNF Straight |
| CGN8 | 100 | 1/4" BSF 67.5° |
| CGN12 | 100 | 5/16" BSF Straight |
| CGN15 | 100 | 8 x 1.25mm Straight |
| CGN19 | 100 | 8 x 1.25mm 45° |
| CGN20 | 100 | 5/16" BSF 67.5° |
| CGN27 | 100 | 8 x 1.25mm 90° |
| CGN28 | 100 | 1/8" NPT Straight |
| CGN29 | 100 | 1/8" BSP Straight |
| CGN37 | 100 | 1/8" NPT 67.5° |
| CGN39 | 100 | 1/8" BSP 67.5° |
| CGN43 | 100 | 1/8" NPT 90° |
| CGN44 | 100 | 1/8" BSP 90° |
| CGN48 | 50 | 1/4" BSP Straight |
| CGN60 | 50 | 1/4" BSP 90° |
| CGN107 | 100 | 1/4" UNF 90° |
| CGN161 | 100 | 6 x 1mm Straight |
| CGN162 | 100 | 8 x 1mm Straight |
| CGN163 | 100 | 6mm Self-Tapp Straight |
| CGN168 | 100 | 6 x 1mm 45° |
| CGN169 | 100 | 8 x 1mm 90° |
| CGN172 | 100 | 8 x 1mm 45° |
| CGN173 | 100 | 6 x 1mm 90° |
| CGN200 | 100 | 10 x 1mm Straight |
| CGN203 | 100 | 10 x 1mm 45° |
| CGN204 | 100 | 10 x 1mm 90° |
| CGN1020 | 100 | 1/4" UNF x 1-1/4" Long |
| CGN1210 | 100 | 1/8" BSP 45° |
| CGN1211 | 100 | 1/4" UNF 45° |

GREASE NIPPLES – STAINLESS STEEL 316/A4

PACKS OF 25

| | | |
|----------|-----------|----------------------|
| SSCN1 | 25 / pack | 1/4" BSF Straight |
| SSCN3 | 25 | 1/4" UNF Straight |
| SSCN28 | 25 | 1/8" NPT Straight |
| SSCN29 | 25 | 1/8" BSP Straight |
| SSCN43 | 25 | 1/8" NPT 90° |
| SSCN44 | 25 | 1/8" BSP 90° |
| SSCN1020 | 25 | 1/4 x 1-1/4" UNF |
| SSCN1211 | 25 | 1/4" UNF 45° |
| SSCN15 | 25 | M8 x 1.25mm Straight |
| SSCN161 | 25 | M6 x 1.00mm Straight |
| SSCN162 | 25 | M8 x 1.00mm Straight |
| SSCN168 | 25 | M6 x 1.00mm 45° |
| SSCN173 | 25 | M6 x 1.00mm 90° |
| SSCN200 | 25 | 10 x 1.00mm Straight |

GROMMETS

ELECTRICAL WIRING (RUBBER)

| | | I.D. | PANEL HOLE | O.D. |
|-------|-------|-------|------------|----------|
| CWG1 | 50/pk | 1/8 | x 9/32 | x 7/16 |
| CWG2 | 50 | 3/16 | x 5/16 | x 7/16 |
| CWG3 | 50 | 1/4 | x 1/2 | x 9/16 |
| CWG4 | 50 | 5/16 | x 17/32 | x 3/4 |
| CWG5 | 50 | 3/8 | x 1/2 | x 11/16 |
| CWG6 | 50 | 3/8 | x 9/16 | x 11/16 |
| CWG7 | 50 | 3/8 | x 3/4 | x 1" |
| CWG8 | 50 | 7/16 | x 3/4 | x 1" |
| CWG9 | 50 | 1/2 | x 21/32 | x 13/16 |
| CWG10 | 25 | 5/8 | x 1" | x 1-1/8 |
| CWG11 | 25 | 3/4 | x 15/16 | x 1-5/16 |
| CWG12 | 25 | 29/32 | x 1-1/4 | x 1-1/2 |

GROMMETS

RUBBER BLANKING

| | | PANEL HOLE |
|------|-----------|------------|
| CBG1 | 50 / pack | 5/16" |
| CBG2 | 50 | 3/8" |
| CBG3 | 50 | 1/2" |
| CBG4 | 50 | 5/8" |
| CBG5 | 25 | 3/4" |
| CBG6 | 25 | 7/8" |
| CBG7 | 25 | 1" |
| CBG8 | 25 | 1-1/8" |

HEADER (MANIFOLD) BOLTS

7/16" AF

| | | |
|-------|------------|--------------|
| CHB1 | 100 / pack | 3/8 x 1" UNC |
| CHB11 | 25 | 3/8 x 1" UNC |

LOCK RINGS

EXTERNAL, SPN TYPE

| | | |
|--------|------------|-------|
| SPN1.5 | 100 / pack | 1.5mm |
| SPN2 | 100 | 2mm |
| SPN2.4 | 100 | 2.4mm |
| SPN3 | 100 | 3mm |
| SPN4 | 100 | 4mm |
| SPN5 | 100 | 5mm |
| SPN6 | 100 | 6mm |
| SPN8 | 100 | 8mm |
| SPN10 | 100 | 10mm |
| SPN12 | 50 | 12mm |

LYNCH PINS

| | | |
|------|----------|-----------|
| CLP1 | 2 / pack | 4mm Dia. |
| CLP2 | 2 | 6mm Dia. |
| CLP3 | 2 | 8mm Dia. |
| CLP4 | 2 | 10mm Dia. |

MACHINE SCREWS

PAN HEAD PHILLIPS, METRIC, ZINC PLATED

| | | |
|-------|------------|----------|
| CMS1 | 100 / pack | 3 x 10mm |
| CMS3 | 100 | 3 x 16mm |
| CMS4 | 100 | 3 x 20mm |
| CMS5 | 100 | 3 x 25mm |
| CMS6 | 100 | 3 x 30mm |
| CMS7 | 100 | 4 x 8mm |
| CMS8 | 100 | 4 x 10mm |
| CMS9 | 100 | 4 x 16mm |
| CMS10 | 100 | 4 x 20mm |
| CMS11 | 100 | 4 x 25mm |
| CMS12 | 100 | 4 x 80mm |
| CMS13 | 100 | 5 x 10mm |
| CMS14 | 100 | 5 x 16mm |
| CMS15 | 100 | 5 x 20mm |
| CMS16 | 100 | 5 x 25mm |
| CMS17 | 100 | 5 x 35mm |
| CMS18 | 100 | 6 x 10mm |
| CMS19 | 100 | 6 x 16mm |
| CMS20 | 100 | 6 x 20mm |
| CMS21 | 100 | 6 x 25mm |
| CMS22 | 100 | 6 x 30mm |
| CMS23 | 100 | 6 x 35mm |
| CMS24 | 100 | 6 x 40mm |
| CMS25 | 100 | 6 x 45mm |
| CMS26 | 50 | 6 x 50mm |
| CMS27 | 50 | 6 x 55mm |
| CMS28 | 50 | 6 x 60mm |
| CMS29 | 50 | 6 x 65mm |
| CMS30 | 50 | 6 x 70mm |
| CMS31 | 50 | 6 x 80mm |



MACHINE SCREWS

COUNTERSUNK PHILLIPS, ZINC PLATED

| | | |
|-------|------------|----------|
| CMS50 | 100 / pack | 3 x 20mm |
| CMS51 | 100 | 3 x 50mm |
| CMS52 | 100 | 4 x 16mm |
| CMS53 | 100 | 4 x 25mm |
| CMS54 | 100 | 4 x 35mm |
| CMS55 | 50 | 4 x 50mm |
| CMS56 | 100 | 5 x 20mm |
| CMS57 | 100 | 5 x 25mm |
| CMS58 | 50 | 5 x 35mm |
| CMS59 | 50 | 5 x 50mm |
| CMS60 | 50 | 5 x 60mm |
| CMS61 | 100 | 6 x 16mm |
| CMS62 | 100 | 6 x 20mm |
| CMS63 | 50 | 6 x 25mm |
| CMS64 | 50 | 6 x 40mm |
| CMS65 | 50 | 6 x 50mm |
| CMS66 | 50 | 6 x 80mm |



MANIFOLD NUTS

BRASS

| | | |
|--------|-----------|-------------|
| CMN101 | 25 / pack | 1/4" UNC |
| CMN102 | 25 | 5/16" UNC |
| CMN103 | 25 | 3/8" UNC |
| CMN104 | 25 | 7/16" UNC |
| CMN105 | 25 | 1/4" BSF |
| CMN106 | 25 | 5/16" BSF |
| CMN107 | 25 | 3/8" BSF |
| CMN109 | 25 | 1/4" UNF |
| CMN110 | 25 | 5/16" UNF |
| CMN112 | 25 | 3/8" UNF |
| CMN113 | 25 | 7/16" UNF |
| CMN115 | 25 | 6 x 0.75mm |
| CMN116 | 25 | 6 x 1.00mm |
| CMN117 | 25 | 8 x 1.00mm |
| CMN118 | 25 | 8 x 1.25mm |
| CMN119 | 25 | 10 x 1.25mm |
| CMN120 | 25 | 10 x 1.5mm |



MANIFOLD STUDS & NUTS

STEEL

| | | |
|------|-----------|-------------------------|
| MS1 | 25 / pack | 3/8 x 2" UNC Studs |
| MS2 | 25 | M8 x 38 x 1.25mm Studs |
| MS3 | 25 | 7/16 x 2-1/4" UNC Studs |
| MS4 | 25 | M10 x 41 x 1.25mm Studs |
| MS6 | 25 | M10 x 40 x 1.50mm Studs |
| MS11 | 25 | 3/8" UNC Nuts |
| MS12 | 25 | M8 x 1.25mm Nuts |
| MS13 | 25 | 7/16" UNC Nuts |
| MS14 | 25 | M10 x 1.25mm Nuts |
| MS15 | 25 | M10 x 1.5mm Nuts |



MANIFOLD STUDS & NUTS








STEEL & BRASS

| | | |
|--------|-----------|--------------------------|
| CDNN1 | 10 / pack | M8 x 1.25mm Nut Brass |
| CDNN2 | 10 | M8 x 1.25mm Nut Steel |
| CDNS1 | 10 | M8 x 38 x 1.25mm Studs |
| CDNS2 | 10 | M8 x 50 x 1.25mm Studs |
| CFDN1 | 10 | 7/16" UNC Nuts Brass |
| CFDN2 | 10 | 7/16" UNC Nuts Steel |
| CFDS1 | 10 | 7/16 x 2-1/4" UNC Studs |
| CFDS2 | 10 | M10 x 40 x 1.5mm Studs |
| CGMN1 | 10 | 3/8" UNC Nuts Brass |
| CGMN3 | 10 | 3/8" UNC Nuts Steel |
| CGMS1 | 10 | 3/8 x 2" UNC Studs |
| CGMS3 | 10 | M10 x 41 x 1.25mm Studs |
| CMNS1 | 10 | M10 x 1.5mm Nut Steel |
| CMNS2 | 10 | M10 x 1.5mm Nut Brass |
| CTYN1 | 10 | M10 x 1.25mm Nut Brass |
| CTYN2 | 10 | M10 x 1.25mm Nut Steel |
| CTYNS1 | 10 | M10 x 41 x 1.25mm Studs |
| CUNIV1 | 10 | M10 x 1.25 x 1.50 x 50mm |



'O' RINGS

IMPERIAL, 70 SHORE

| | | I.D. | SECTION | |
|--------|-----------|---------|---------|-------------------------------------------------------------------------------------|
| COR101 | 50 / pack | 1/8" | x 1/16" |  |
| COR102 | 50 | 3/16" | x 1/16" | |
| COR103 | 50 | 1/4" | x 1/16" | |
| COR104 | 50 | 5/16" | x 1/16" | |
| COR105 | 50 | 3/8" | x 1/16" | |
| COR106 | 50 | 3/8" | x 3/32" |  |
| COR107 | 50 | 7/16" | x 3/32" | |
| COR108 | 50 | 1/2" | x 1/16" | |
| COR109 | 50 | 1/2" | x 3/32" | |
| COR110 | 50 | 9/16" | x 3/32" | |
| COR111 | 50 | 5/8" | x 3/32" |  |
| COR112 | 50 | 11/16" | x 3/32" | |
| COR113 | 50 | 3/4" | x 3/32" | |
| COR114 | 50 | 3/4" | x 1/8" | |
| COR115 | 50 | 13/16" | x 3/32" | |
| COR116 | 50 | 13/16" | x 1/8" |  |
| COR117 | 50 | 7/8" | x 3/32" | |
| COR118 | 50 | 7/8" | x 1/8" | |
| COR119 | 50 | 15/16" | x 1/8" | |
| COR120 | 50 | 1" | x 1/8" | |
| COR121 | 25 | 1-1/16" | x 1/8" |  |
| COR122 | 25 | 1-1/8" | x 1/8" | |
| COR123 | 25 | 1-3/16" | x 1/8" | |
| COR124 | 25 | 1-1/4" | x 1/8" | |
| COR125 | 25 | 1-5/16" | x 1/8" | |
| COR126 | 25 | 1-3/8" | x 1/8" |  |
| COR127 | 25 | 1-7/16" | x 1/8" | |
| COR128 | 25 | 1-1/2" | x 1/8" | |
| COR129 | 25 | 1-5/8" | x 1/8" | |
| COR130 | 25 | 1-3/4" | x 1/8" | |
| COR131 | 25 | 1-7/8" | x 1/8" |  |
| COR132 | 25 | 2" | x 1/8" | |



'O' RINGS

METRIC, 70 SHORE

| | | I.D. | SECTION | |
|--------|-----------|------|---------|-------------------------------------------------------------------------------------|
| COR201 | 50 / pack | 3mm | x 2mm |  |
| COR202 | 50 | 5mm | x 2mm | |
| COR203 | 50 | 6mm | x 2mm | |
| COR204 | 50 | 7mm | x 2mm | |
| COR205 | 50 | 8mm | x 2mm | |
| COR206 | 50 | 9mm | x 2mm |  |
| COR207 | 50 | 10mm | x 2mm | |
| COR208 | 50 | 10mm | x 2.5mm | |
| COR209 | 50 | 11mm | x 2.5mm | |
| COR210 | 50 | 12mm | x 2.5mm | |
| COR211 | 50 | 13mm | x 2mm |  |
| COR212 | 50 | 13mm | x 2.5mm | |
| COR213 | 50 | 14mm | x 2.5mm | |
| COR214 | 50 | 15mm | x 2.5mm | |
| COR215 | 50 | 16mm | x 2.5mm | |


'O' RINGS *Continued*

METRIC, 70 SHORE


| | | I.D. | SECTION | |
|--------|-----------|------|---------|---------------------------------------------------------------------------------------|
| COR216 | 50 / pack | 17mm | x 2.5mm |  |
| COR217 | 50 | 18mm | x 2.5mm | |
| COR218 | 50 | 18mm | x 3.5mm | |
| COR219 | 50 | 19mm | x 2.5mm | |
| COR220 | 50 | 20mm | x 2.5mm | |
| COR221 | 50 | 20mm | x 3.5mm |  |
| COR222 | 50 | 21mm | x 2.5mm | |
| COR223 | 50 | 22mm | x 2.5mm | |
| COR224 | 50 | 22mm | x 3.5mm | |
| COR225 | 50 | 23mm | x 3.5mm | |
| COR226 | 50 | 25mm | x 3.5mm |  |
| COR227 | 25 | 27mm | x 3.5mm | |
| COR228 | 25 | 28mm | x 3.5mm | |
| COR229 | 25 | 30mm | x 3.5mm | |
| COR230 | 25 | 31mm | x 3.5mm | |
| COR231 | 25 | 32mm | x 3.5mm |  |
| COR232 | 25 | 34mm | x 3.5mm | |
| COR233 | 25 | 36mm | x 3.5mm | |
| COR234 | 25 | 38mm | x 3.5mm | |
| COR235 | 25 | 41mm | x 3.5mm | |
| COR236 | 25 | 44mm | x 3.5mm |  |
| COR237 | 25 | 46mm | x 3.5mm | |
| COR238 | 25 | 50mm | x 3.5mm | |

'R' CLIPS

ZINC PLATED


| | | TO SUIT SHAFT – Dia. | | |
|-------|------------|----------------------|----------|---------------------------------------------------------------------------------------|
| RCL1 | 100 / pack | 1/8" | to 3/16" |  |
| RCL2 | 100 | 3/16" | to 1/4" | |
| RCL4 | 100 | 1/4" | to 3/8" | |
| RCL5 | 100 | 5/16" | to 1/2" | |
| RCL6 | 100 | 3/8" | to 1/2" | |
| RCL8 | 50 | 7/16" | to 3/4" | |
| RCL10 | 50 | 5/8" | to 7/8" | |
| RCL12 | 25 | 3/4" | to 1" | |

RETAINER SPRINGS

| | | | |
|----------|------------|-------------------|---------------------------------------------------------------------------------------|
| C1100-8 | 100 / pack | Suit 11/64" Shaft |  |
| C1100-12 | 100 | Suit 7/32" Shaft | |
| C1100-21 | 100 | Suit 19/64" Shaft | |
| C1100-37 | 100 | Suit 17/32" Shaft | |

RIVETS

ALUMINIUM, BLIND, ZINC PLATED

| | | | |
|--------|------------|----------------------|---------------------------------------------------------------------------------------|
| CAR329 | 100 / pack | 3/32 x 0.290" Short |  |
| CAR429 | 100 | 1/8 x 0.290" Short | |
| CAR440 | 100 | 1/8 x 0.400" Medium | |
| CAR450 | 100 | 1/8 x 0.500" Long | |
| CAR529 | 100 | 5/32 x 0.290" Short | |
| CAR545 | 100 | 5/32 x 0.450" Medium | |
| CAR550 | 100 | 5/32 x 0.500" Long | |
| CAR635 | 100 | 3/16 x 0.350" Short | |
| CAR649 | 100 | 3/16 x 0.490" Medium | |
| CAR657 | 100 | 3/16 x 0.570" Long | |

ROLL PINS

IMPERIAL

| | | |
|----------|------------|---------------|
| RP016127 | 100 / pack | 1/16 x 1/2" |
| RP024127 | 100 | 3/32 x 1/2" |
| RP024159 | 100 | 3/32 x 5/8" |
| RP024190 | 100 | 3/32 x 3/4" |
| RP024254 | 100 | 3/32 x 1" |
| RP032095 | 100 | 1/8 x 3/8" |
| RP032127 | 100 | 1/8 x 1/2" |
| RP032159 | 100 | 1/8 x 5/8" |
| RP032190 | 100 | 1/8 x 3/4" |
| RP032222 | 100 | 1/8 x 7/8" |
| RP032254 | 100 | 1/8 x 1" |
| RP040127 | 100 | 5/32 x 1/2" |
| RP040254 | 100 | 5/32 x 1" |
| RP048190 | 100 | 3/16 x 3/4" |
| RP048254 | 100 | 3/16 x 1" |
| RP048318 | 100 | 3/16 x 1-1/4" |
| RP048380 | 100 | 3/16 x 1-1/2" |
| RP048508 | 100 | 3/16 x 2" |
| RP048636 | 100 | 3/16 x 2-1/2" |
| RP064254 | 100 | 1/4 x 1" |
| RP064380 | 100 | 1/4 x 1-1/2" |
| RP064508 | 50 | 1/4 x 2" |
| RP064636 | 50 | 1/4 x 2-1/2" |
| RP080380 | 50 | 5/16 x 1-1/2" |
| RP080508 | 50 | 5/16 x 2" |
| RP080636 | 50 | 5/16 x 2-1/2" |
| RP096508 | 50 | 3/8 x 2" |
| RP096636 | 50 | 3/8 x 2-1/2" |



ROLL PINS

METRIC

| | | |
|----------|------------|------------|
| RP020012 | 100 / pack | 2 x 12mm |
| RP020020 | 100 | 2 x 20mm |
| RP020025 | 100 | 2 x 25mm |
| RP025012 | 100 | 2.5 x 12mm |
| RP025016 | 100 | 2.5 x 16mm |
| RP025020 | 100 | 2.5 x 20mm |
| RP025025 | 100 | 2.5 x 25mm |
| RP030016 | 100 | 3 x 16mm |
| RP030020 | 100 | 3 x 20mm |
| RP030025 | 100 | 3 x 25mm |
| RP040016 | 100 | 4 x 16mm |
| RP040020 | 100 | 4 x 20mm |
| RP040025 | 100 | 4 x 25mm |
| RP050020 | 100 | 5 x 20mm |
| RP050025 | 100 | 5 x 25mm |
| RP050030 | 100 | 5 x 30mm |
| RP050040 | 100 | 5 x 40mm |
| RP060020 | 100 | 6 x 20mm |
| RP060025 | 100 | 6 x 25mm |
| RP060030 | 100 | 6 x 30mm |
| RP060040 | 100 | 6 x 40mm |
| RP060050 | 50 | 6 x 50mm |
| RP060060 | 50 | 6 x 60mm |
| RP080030 | 50 | 8 x 30mm |
| RP080040 | 50 | 8 x 40mm |
| RP080050 | 50 | 8 x 50mm |
| RP080060 | 50 | 8 x 60mm |
| RP010040 | 50 | 10 x 40mm |
| RP010050 | 50 | 10 x 50mm |
| RP010060 | 50 | 10 x 60mm |



ROOFING BOLTS & NUTS

ZINC PLATED

| | | |
|------|------------|---------------|
| CRB1 | 100 / pack | 3/16 x 1/2" |
| CRB2 | 100 | 3/16 x 3/4" |
| CRB3 | 100 | 3/16 x 1" |
| CRB4 | 50 | 3/16 x 1-1/2" |
| CRB5 | 50 | 1/4 x 3/4" |
| CRB6 | 50 | 1/4 x 1" |
| CRB7 | 50 | 1/4 x 1-1/4" |
| CRB8 | 50 | 1/4 x 1-1/2" |



SELF-DRILLING SCREWS

| | | |
|------|------------|----------------------|
| SDS1 | 100 / pack | 8G x 12mm Mush Hd. |
| SDS2 | 100 | 8G x 16mm Mush Hd. |
| SDS3 | 100 | 8G x 20mm Mush Hd. |
| SDS4 | 100 | 8G x 25mm Mush Hd. |
| SDS5 | 100 | 10G x 16mm Wafer Hd. |
| SDS6 | 100 | 10G x 22mm Wafer Hd. |
| SDS7 | 100 | 10G x 30mm Wafer Hd. |
| SDS8 | 100 | 10G x 16mm Hex Hd. |



SELF-TAPPING SCREWS

HEX HEAD, ZINC PLATED

| | | |
|-------|------------|------------|
| CST59 | 100 / pack | 6G x 1/2" |
| CST60 | 100 | 6G x 3/4" |
| CST61 | 100 | 6G x 1" |
| CST62 | 100 | 8G x 1/2" |
| CST63 | 100 | 8G x 3/4" |
| CST64 | 100 | 8G x 1" |
| CST50 | 100 | 10G x 3/8" |
| CST51 | 100 | 10G x 1/2" |
| CST52 | 100 | 10G x 3/4" |
| CST53 | 100 | 10G x 1" |
| CST54 | 100 | 12G x 3/4" |
| CST55 | 100 | 12G x 1" |
| CST56 | 100 | 14G x 5/8" |
| CST57 | 100 | 14G x 3/4" |
| CST58 | 100 | 14G x 1" |



SELF-TAPPING SCREWS

MUSHROOM HEAD PHILLIPS, BLACK ZINC

| | | |
|--------|------------|--------------|
| CST301 | 100 / pack | 6G x 3/8" |
| CST302 | 100 | 6G x 1/2" |
| CST303 | 100 | 6G x 3/4" |
| CST304 | 100 | 8G x 3/8" |
| CST305 | 100 | 8G x 1/2" |
| CST306 | 100 | 8G x 3/4" |
| CST307 | 100 | 8G x 1" |
| CST308 | 100 | 8G x 1-1/2" |
| CST309 | 100 | 10G x 1/2" |
| CST310 | 100 | 10G x 3/4" |
| CST311 | 100 | 10G x 1" |
| CST312 | 100 | 10G x 1-1/2" |
| CST313 | 100 | 10G x 2" |
| CST314 | 100 | 12G x 1" |
| CST315 | 100 | 12G x 3/4" |



SELF-TAPPING SCREWS

PAN HEAD PHILLIPS, NICKEL PLATED

| | | |
|--------|------------|-------------|
| CST93 | 100 / pack | 4G x 1/4" |
| CST90 | 100 | 6G x 3/8" |
| CST101 | 100 | 6G x 1/2" |
| CST102 | 100 | 6G x 3/4" |
| CST104 | 100 | 6G x 1" |
| CST94 | 100 | 8G x 3/8" |
| CST91 | 100 | 8G x 1/2" |
| CST105 | 100 | 8G x 3/4" |
| CST95 | 100 | 8G x 1" |
| CST103 | 100 | 8G x 1-1/2" |
| CST92 | 100 | 10G x 1/2" |
| CST96 | 100 | 10G x 3/4" |
| CST97 | 100 | 10G x 7/8" |
| CST106 | 100 | 10G x 1" |
| CST107 | 100 | 12G x 1" |
| CST98 | 100 | 14G x 1/2" |
| CST99 | 100 | 14G x 5/8" |
| CST100 | 100 | 14G x 3/4" |
| CST29 | 100 | 14G x 1" |



SELF-TAPPING SCREWS

RAISED HEAD PHILLIPS, BLACK ZINC

| | | |
|--------|------------|-----------|
| CST203 | 100 / pack | 6G x 1" |
| CST204 | 100 | 8G x 3/4" |



SELF-TAPPING SCREWS

RAISED HEAD PHILLIPS, NICKEL PLATED

| | | |
|-------|------------|-------------|
| CST71 | 100 / pack | 4G x 5/8" |
| CST72 | 100 | 6G x 1/2" |
| CST73 | 100 | 6G x 3/4" |
| CST74 | 100 | 6G x 1" |
| CST75 | 100 | 8G x 3/8" |
| CST76 | 100 | 8G x 1/2" |
| CST81 | 100 | 8G x 3/4" |
| CST77 | 100 | 8G x 1" |
| CST78 | 100 | 8G x 1-1/4" |
| CST79 | 100 | 8G x 1-1/2" |
| CST80 | 100 | 10G x 3/4" |
| CST83 | 100 | 10G x 1" |
| CST82 | 100 | 14G x 5/8" |



SELF-TAPPING SCREWS

RAISED HEAD SLOTTED, ZINC PLATED

| | | |
|-------|------------|-----------|
| CST30 | 100 / pack | 6G x 3/4" |
| CST31 | 100 | 6G x 1" |
| CST32 | 100 | 8G x 3/4" |
| CST33 | 100 | 8G x 1" |



SHIMS – FRONT ALIGNMENT

METRIC, ZINC PLATED

| TYPE | | | |
|-------|-----------|---|------------|
| FAS13 | 25 / pack | 1 | 10 x 1mm |
| FAS14 | 25 | 1 | 10 x 2mm |
| FAS15 | 25 | 1 | 10 x 3mm |
| FAS16 | 25 | 1 | 12 x 1mm |
| FAS17 | 25 | 1 | 12 x 2mm |
| FAS18 | 25 | 1 | 12 x 3mm |
| FAS19 | 25 | 1 | 14 x 1mm |
| FAS20 | 25 | 1 | 14 x 2mm |
| FAS21 | 25 | 1 | 14 x 3mm |
| FAS22 | 25 | 2 | 10 x 1.5mm |
| FAS23 | 25 | 2 | 10 x 3mm |
| FAS24 | 25 | 3 | 10 x 1.5mm |
| FAS25 | 25 | 3 | 10 x 3mm |



TYPE 1



TYPE 2



TYPE 3

SOCKET HEAD CAP SCREWS

BSW, HIGH TENSILE

| | | |
|-------|-----------|---------------|
| CSC1 | 50 / pack | 1/4 x 1/2" |
| CSC2 | 50 | 1/4 x 3/4" |
| CSC3 | 50 | 1/4 x 1" |
| CSC4 | 50 | 1/4 x 1-1/4" |
| CSC5 | 50 | 1/4 x 1-1/2" |
| CSC6 | 50 | 5/16 x 1/2" |
| CSC7 | 50 | 5/16 x 3/4" |
| CSC8 | 50 | 5/16 x 1" |
| CSC9 | 50 | 5/16 x 1-1/4" |
| CSC10 | 50 | 5/16 x 1-1/2" |



SPEED NUTS

CAPTIVE NUTS 'U' TYPE

| | | LENGTH | WIDTH | SUITS |
|---------|------------|--------|----------|-------|
| SNU1219 | 100 / pack | 21/32" | x 7/16" | x 6G |
| SNU1675 | 100 | 13/32" | x 11/32" | x 8G |
| SNU0536 | 100 | 21/32" | x 7/16" | x 8G |
| SNU1561 | 100 | 31/32" | x 7/16" | x 8G |
| SNU0537 | 100 | 13/16" | x 1/2" | x 10G |
| SNU1670 | 100 | 1/2" | x 1/16" | x 10G |
| NNU8899 | 100 | 15/32" | x 11/16" | x 10G |



SPEED NUTS

FLAT

| | | LENGTH | WIDTH | SUITS |
|---------|------------|--------|----------|---------|
| SNP0177 | 100 / pack | 21/32" | x 13/32" | x 10G |
| SNP0170 | 100 | 5/8" | x 3/8" | x 3/16" |



SPEED NUTS

SPEED PUSH-ON FIXES

| | | LENGTH | WIDTH | SUITS |
|---------|------------|--------|---------|---------|
| SFP1722 | 100 / pack | 7/16" | x 1/4" | x 3/32" |
| SFP0211 | 100 | 1/2" | x 5/16" | x 1/8" |
| SFP0213 | 100 | 5/8" | x 3/8" | x 3/16" |



SPLIT PINS

ZINC PLATED

| | | |
|----------|------------|-------------|
| CPS10622 | 200 / pack | 1.6 x 22mm |
| CPS10625 | 200 | 1.6 x 25mm |
| CPS10628 | 200 | 1.6 x 28mm |
| CPS10632 | 200 | 1.6 x 32mm |
| CPS10636 | 200 | 1.6 x 36mm |
| CPS10640 | 200 | 1.6 x 40mm |
| CPS10650 | 200 | 1.6 x 50mm |
| CPS20020 | 200 | 2.0 x 20mm |
| CPS20022 | 200 | 2.0 x 22mm |
| CPS20025 | 200 | 2.0 x 25mm |
| CPS20028 | 200 | 2.0 x 28mm |
| CPS20036 | 200 | 2.0 x 36mm |
| CPS20040 | 200 | 2.0 x 40mm |
| CPS20045 | 200 | 2.0 x 45mm |
| CPS20050 | 200 | 2.0 x 50mm |
| CPS20525 | 200 | 2.5 x 25mm |
| CPS20532 | 200 | 2.5 x 32mm |
| CPS20536 | 200 | 2.5 x 36mm |
| CPS20540 | 200 | 2.5 x 40mm |
| CPS20545 | 200 | 2.5 x 45mm |
| CPS20550 | 200 | 2.5 x 50mm |
| CPS70625 | 200 | 7/64 x 25mm |
| CPS70632 | 200 | 7/64 x 32mm |
| CPS70650 | 200 | 7/64 x 50mm |
| CPS30220 | 200 | 3.2 x 20mm |
| CPS30225 | 200 | 3.2 x 25mm |
| CPS30232 | 200 | 3.2 x 32mm |
| CPS30236 | 200 | 3.2 x 36mm |
| CPS30240 | 200 | 3.2 x 40mm |
| CPS30245 | 200 | 3.2 x 45mm |
| CPS30250 | 200 | 3.2 x 50mm |
| CPS90645 | 200 | 9/64 x 45mm |
| CPS90650 | 200 | 9/64 x 50mm |
| CPS40032 | 200 | 4.0 x 32mm |
| CPS40036 | 200 | 4.0 x 36mm |
| CPS40040 | 200 | 4.0 x 40mm |
| CPS40045 | 200 | 4.0 x 45mm |
| CPS40050 | 200 | 4.0 x 50mm |
| CPS50032 | 200 | 5.0 x 32mm |
| CPS50040 | 200 | 5.0 x 40mm |
| CPS50050 | 200 | 5.0 x 50mm |
| CPS50063 | 100 | 5.0 x 63mm |
| CPS50075 | 50 | 5.0 x 75mm |
| CPS50100 | 50 | 5.0 x 100mm |
| CPS60050 | 50 | 6.0 x 50mm |
| CPS60100 | 25 | 6.0 x 100mm |
| CPS60340 | 50 | 6.3 x 40mm |
| CPS60345 | 50 | 6.3 x 45mm |
| CPS60350 | 50 | 6.3 x 50mm |
| CPS60363 | 25 | 6.3 x 63mm |
| CPS60375 | 25 | 6.3 x 75mm |
| CPS60380 | 25 | 6.3 x 80mm |
| CPS63100 | 25 | 6.3 x 100mm |
| CPS63115 | 25 | 6.3 x 115mm |
| CPS63120 | 25 | 6.3 x 120mm |
| CPS80075 | 25 | 8.0 x 75mm |



SPLIT PINS *Continued*

ZINC PLATED

| | | |
|----------|-----------|-------------|
| CPS80080 | 25 / pack | 8.0 x 80mm |
| CPS80100 | 25 | 8.0 x 100mm |
| CPS80120 | 25 | 8.0 x 120mm |
| CPS80150 | 25 | 8.0 x 150mm |
| CPS10100 | 25 | 10 x 100mm |
| CPS10112 | 25 | 10 x 112mm |
| CPS10120 | 25 | 10 x 120mm |
| CPS10125 | 25 | 10 x 125mm |
| CPS10150 | 25 | 10 x 150mm |
| CPS10162 | 25 | 10 x 162mm |
| CPS12100 | 25 | 12 x 100mm |
| CPS13125 | 10 | 13 x 125mm |
| CPS13150 | 10 | 13 x 150mm |
| CPS16150 | 10 | 16 x 150mm |



SPRINGS – ACCELERATOR

LENGTH x OD x WIRE GAUGE

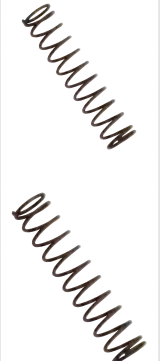
| | | |
|------|-----------|------------------------|
| CAS1 | 10 / pack | 6-1/2" x 7/16" x 20G |
| CAS2 | 10 | 6-5/8" x 3/8" x 21G |
| CAS3 | 10 | 6-3/4" x 5/16" x 21G |
| CAS4 | 10 | 6-3/8" x 5/16" x 21G |
| CAS5 | 10 | 5-1/8" x 7/16" x 18G |
| CAS6 | 10 | 5-3/8" x 5/16" x 22G |
| CAS7 | 10 | 4-1/2" x 1/4" x 23G |
| CAS8 | 10 | 6-15/16" x 7/32" x 24G |
| CAS9 | 10 | 5-3/4" x 3/16" x 25G |



SPRINGS – COMPRESSION

LENGTH x OD x WIRE GAUGE

| | | |
|-------|-----------|----------------------|
| CCS25 | 10 / pack | 4" x 3/4" x 14G |
| CCS26 | 10 | 3-3/4" x 5/8" x 16G |
| CCS27 | 10 | 2-3/4" x 5/8" x 17G |
| CCS28 | 10 | 2" x 17/32" x 17G |
| CCS29 | 10 | 2-1/4" x 1/2" x 18G |
| CCS30 | 10 | 2-1/4" x 7/16" x 18G |
| CCS31 | 10 | 3" x 7/16" x 20G |
| CCS32 | 10 | 2-5/8" x 3/8" x 20G |
| CCS33 | 10 | 1-1/4" x 3/8" x 20G |
| CCS34 | 10 | 1-3/4" x 5/16" x 22G |
| CCS35 | 10 | 3" x 5/16" x 24G |
| CCS36 | 10 | 1-1/2" x 3/16" x 26G |



SPRINGS – EXTENSION

LENGTH x OD x WIRE GAUGE

| | | |
|-------|-----------|-----------------------|
| CES25 | 10 / pack | 4-3/4" x 1/2" x 15G |
| CES26 | 10 | 4" x 9/16" x 16G |
| CES27 | 10 | 3-3/4" x 1/2" x 17G |
| CES28 | 10 | 2-1/2" x 1/2" x 17G |
| CES29 | 10 | 3" x 7/16" x 18G |
| CES30 | 10 | 2-1/2" x 11/32" x 20G |
| CES31 | 10 | 3-1/8" x 11/32" x 20G |
| CES32 | 10 | 2-7/8" x 9/32" x 21G |
| CES33 | 10 | 2" x 9/32" x 21G |
| CES34 | 10 | 2" x 7/32" x 24G |
| CES35 | 10 | 1" x 7/32" x 24G |
| CES36 | 10 | 1-1/2" x 3/16" x 26G |



TAPER PINS

| | | |
|----------|----------|---------------|
| B-TP016 | 1 / pack | No.0 x 1" |
| B-TP024 | 1 | No.0 x 1-1/2" |
| B-TP116 | 1 | No.1 x 1" |
| B-TP124 | 1 | No.1 x 1-1/2" |
| B-TP216 | 1 | No.2 x 1" |
| B-TP220 | 1 | No.2 x 1-1/4" |
| B-TP224 | 1 | No.2 x 1-1/2" |
| B-TP232 | 1 | No.2 x 2" |
| B-TP312 | 1 | No.3 x 3/4" |
| B-TP324 | 1 | No.3 x 1-1/2" |
| B-TP332 | 1 | No.3 x 2" |
| B-TP424 | 1 | No.4 x 1-1/2" |
| B-TP432 | 1 | No.4 x 2" |
| B-TP440 | 1 | No.4 x 2-1/2" |
| B-TP532 | 1 | No.5 x 2" |
| B-TP548 | 1 | No.5 x 3" |
| B-TP632 | 1 | No.6 x 2" |
| B-TP640 | 1 | No.6 x 2-1/2" |
| B-TP648 | 1 | No.6 x 3" |
| B-TP736 | 1 | No.7 x 2-1/4" |
| B-TP748 | 1 | No.7 x 3" |
| B-TP848 | 1 | No.8 x 3" |
| B-TP864 | 1 | No.8 x 4" |
| B-TP896 | 1 | No.8 x 6" |
| B-TP964 | 1 | No.9 x 4" |
| B-TP996 | 1 | No.9 x 6" |
| B-TP1064 | 1 | No.10 x 4" |
| B-TP1096 | 1 | No.10 x 6" |

Refer to p222 for how to measure Taper Pins

WASHERS

ALUMINIUM

| | | |
|-------|-----------|-------------------|
| 1C171 | 50 / pack | 12 x 22 x 2.5mm |
| 1C172 | 50 | 14 x 24 x 2.5mm |
| 1C173 | 50 | 16 x 24 x 2.5mm |
| 1C174 | 50 | 18 x 28 x 2.5mm |
| 1C175 | 50 | 20 x 30 x 2.5mm |
| 1C176 | 50 | 22 x 32 x 2.5mm |
| 1C177 | 50 | 24 x 34 x 2.5mm |
| 1C178 | 50 | 1/2 x 7/8 x 2.5mm |

WASHERS

ALUMINIUM, DRAIN (SUMP) PLUG

| | | |
|---------|-----------|-----------------|
| CAW1218 | 50 / pack | 12 x 18 x 1.5mm |
| CAW1420 | 50 | 14 x 20 x 1.5mm |
| CAW1622 | 50 | 16 x 22 x 1.5mm |
| CAW1824 | 50 | 18 x 24 x 1.5mm |
| CAW2024 | 50 | 20 x 24 x 1.5mm |
| CAW2227 | 50 | 22 x 27 x 1.5mm |
| CAW2229 | 50 | 22 x 29 x 1.5mm |
| CAW2430 | 50 | 24 x 30 x 1.8mm |

WASHERS

ALUMINIUM, 1/16" THICK

| | | |
|-------|------------|---------------|
| CAW1 | 100 / pack | 1/4 x 1/2" |
| CAW2 | 100 | 5/16 x 9/16" |
| CAW3 | 100 | 3/8 x 5/8" |
| CAW4 | 100 | 7/16 x 3/4" |
| CAW5 | 100 | 1/2 x 7/8" |
| CAW6 | 50 | 9/16 x 15/16" |
| CAW7 | 50 | 5/8 x 1" |
| CAW8 | 50 | 3/4 x 1-1/8" |
| CAW9 | 25 | 7/8 x 1-1/4" |
| CAW10 | 25 | 1 x 1-3/8" |
| CAW11 | 100 | 5mm x 10mm |
| CAW12 | 100 | 6mm x 12mm |
| CAW13 | 100 | 10mm x 20mm |
| CAW14 | 100 | 12mm x 22mm |
| CAW15 | 50 | 20mm x 30mm |

WASHERS

BONDED (DOWTY), METRIC

| | | |
|-------|-----------|------------------|
| CDW1 | 25 / pack | Suits 1/8" BSP |
| CDW2 | 25 | Suits 1/4" BSP |
| CDW3 | 25 | Suits 3/8" BSP |
| CDW4 | 25 | Suits 1/2" BSP |
| CDW5 | 25 | Suits 5/8" BSP |
| CDW6 | 25 | Suits 3/4" BSP |
| CDW7 | 25 | Suits 1" BSP |
| CDW8 | 25 | Suits 1-1/4" BSP |
| CDW9 | 25 | Suits 8mm |
| CDW10 | 25 | Suits 10mm |
| CDW11 | 25 | Suits 12mm |
| CDW12 | 25 | Suits 14mm |
| CDW13 | 25 | Suits 16mm |
| CDW14 | 25 | Suits 18mm |
| CDW15 | 25 | Suits 20mm |
| CDW16 | 25 | Suits 22mm |
| CDW17 | 25 | Suits 26mm |
| CDW18 | 25 | Suits 27mm |
| CDW19 | 25 | Suits 28mm |
| CDW20 | 25 | Suits 30mm |
| CDW21 | 25 | Suits 33mm |
| CDW22 | 25 | Suits 42mm |

WASHERS

CUP TYPE, NICKEL PLATED

| | | |
|------|------------|-----|
| CCW1 | 100 / pack | 6G |
| CCW2 | 100 | 8G |
| CCW3 | 100 | 10G |

WASHERS

COPPER, IMPERIAL, 20G

| | | |
|-------|------------|-----------------|
| CWC1 | 100 / pack | 1/4 x 9/16" |
| CWC2 | 100 | 5/16 x 5/8" |
| CWC3 | 100 | 3/8 x 3/4" |
| CWC4 | 100 | 7/16 x 13/16" |
| CWC5 | 100 | 1/2 x 7/8" |
| CWC6 | 100 | 9/16 x 15/16" |
| CWC7 | 100 | 5/8 x 1" |
| CWC8 | 50 | 11/16 x 1-1/16" |
| CWC9 | 50 | 3/4 x 1-1/8" |
| CWC10 | 50 | 13/16 x 1-3/16" |
| CWC11 | 50 | 7/8 x 1-3/8" |
| CWC12 | 50 | 1 x 1-1/2" |



WASHERS

COPPER, METRIC, 1mm THICK

| | | |
|-------|------------|------------|
| CWC31 | 100 / pack | 5 x 10mm |
| CWC32 | 100 | 6 x 12.5mm |
| CWC33 | 100 | 8 x 16mm |
| CWC34 | 100 | 10 x 20mm |
| CWC35 | 100 | 12 x 22mm |
| CWC36 | 100 | 14 x 24mm |
| CWC37 | 100 | 16 x 25mm |
| CWC38 | 50 | 20 x 30mm |
| CWC39 | 50 | 22 x 35mm |
| CWC40 | 50 | 24 x 38mm |



WASHERS

COPPER RING

| | | |
|-------|------------|-----------------|
| CWC41 | 100 / pack | 6 x 10 x 1mm |
| CWC42 | 100 | 8 x 12 x 1mm |
| CWC43 | 100 | 8 x 14 x 1mm |
| CWC44 | 100 | 10 x 14 x 1mm |
| CWC45 | 100 | 10 x 16 x 1mm |
| CWC46 | 100 | 12 x 16 x 1.5mm |
| CWC47 | 100 | 12 x 18 x 1.5mm |
| CWC48 | 100 | 14 x 18 x 1.5mm |
| CWC49 | 100 | 14 x 20 x 1.5mm |
| CWC50 | 50 | 16 x 20 x 1.5mm |
| CWC51 | 50 | 16 x 22 x 1.5mm |
| CWC52 | 50 | 18 x 24 x 1.5mm |
| CWC53 | 50 | 20 x 26 x 1.5mm |
| CWC54 | 50 | 26 x 31 x 2mm |



WASHERS

DRAIN (SUMP) PLUG, BLACK FIBRE

| | | |
|-------|-----------|------------------|
| CFW31 | 25 / pack | 12 x 24 x 2.00mm |
| CFW32 | 25 | 18 x 28 x 2.00mm |



WASHERS

DRAIN (SUMP) PLUG, WHITE FIBRE

| | | |
|---------|-----------|------------------|
| CFW1224 | 25 / pack | 12 x 24 x 2.00mm |
| CFW1622 | 25 | 16 x 22 x 2.00mm |
| CFW1828 | 25 | 18 x 28 x 2.00mm |
| CFW2535 | 25 | 25 x 35 x 2.00mm |



WASHERS

FIBRE, 1/32" THICK

| | | |
|----------|------------|-----------------|
| CFW1321 | 100 / pack | 1/8 x 5/16" |
| CFW1322 | 100 | 5/32 x 3/8" |
| CFW1323 | 100 | 3/16 x 1/2" |
| CFW1324 | 100 | 7/32 x 1/2" |
| CFW1325 | 100 | 1/4 x 9/16" |
| CFW1327 | 100 | 5/16 x 5/8" |
| CFW1328 | 100 | 3/8 x 3/4" |
| CFW1329 | 100 | 7/16 x 13/16" |
| CFW13210 | 100 | 1/2 x 7/8" |
| CFW13211 | 100 | 9/16 x 15/16" |
| CFW13212 | 100 | 5/8 x 1" |
| CFW13213 | 100 | 11/16 x 1-1/16" |
| CFW13214 | 100 | 3/4 x 1-1/8" |
| CFW13215 | 100 | 13/16 x 1-3/16" |
| CFW13216 | 100 | 7/8 x 1-3/8" |
| CFW13218 | 100 | 1 x 1-1/2" |



WASHERS

FIBRE, 1/16" THICK

| | | |
|---------|------------|----------------|
| CFW161 | 100 / pack | 5/32 x 5/16" |
| CFW162 | 100 | 3/16 x 3/8" |
| CFW163 | 100 | 7/32 x 7/16" |
| CFW164 | 100 | 1/4 x 7/16" |
| CFW165 | 100 | 5/16 x 1/2" |
| CFW166 | 100 | 3/8 x 5/8" |
| CFW167 | 100 | 7/16 x 11/16" |
| CFW168 | 100 | 1/2 x 3/4" |
| CFW169 | 100 | 9/16 x 13/16" |
| CFW1610 | 100 | 5/8 x 7/8" |
| CFW1611 | 100 | 11/16 x 15/16" |
| CFW1612 | 100 | 3/4 x 1" |



WASHERS

FIBRE, DRAIN (SUMP) PLUG, 3/32" THICK

| | | |
|---------|-----------|------------------------|
| CFW3321 | 50 / pack | 1/2 x 3/4" (No.1 Plug) |
| CFW3328 | 50 | 5/8 x 7/8" (No.3 Plug) |
| CFW3323 | 50 | 3/4 x 1-1/8" |
| CFW3324 | 50 | 13/16 x 1-3/16" |
| CFW3325 | 25 | 7/8 x 1-1/4" |
| CFW3326 | 25 | 1 x 1-3/8" |
| CFW3329 | 25 | For No.1 O/S Plug |
| CFW14 | 25 | 14 x 20mm |
| CFW18 | 25 | 18 x 27mm |
| CFW30 | 25 | 30 x 38mm |



WASHERS

FLAT STEEL, IMPERIAL, ZINC PLATED

| | | |
|-------|------------|---------------------|
| CWS1 | 200 / pack | 1/8 x 3/8" x 20G |
| CWS2 | 200 | 5/32 x 7/16" x 20G |
| CWS3 | 200 | 3/16 x 7/16" x 20G |
| CWS4 | 200 | 1/4 x 9/16" x 18G |
| CWS5 | 200 | 5/16 x 5/8" x 18G |
| CWS6 | 200 | 3/8 x 3/4" x 16G |
| CWS7 | 200 | 7/16 x 7/8" x 16G |
| CWS8 | 200 | 1/2 x 1" x 16G |
| CWS9 | 200 | 9/16 x 1-1/8" x 16G |
| CWS10 | 200 | 5/8 x 1-1/4" x 15G |
| CWS11 | 100 | 3/4 x 1-1/2" x 14G |
| CWS12 | 100 | 7/8 x 1-5/8" x 14G |
| CWS13 | 100 | 1 x 1-7/8" x 14G |



WASHERS

FLAT STEEL, METRIC, ZINC PLATED

| | | |
|-------|------------|-------------------|
| CWS29 | 200 / pack | M5 x 10 x 1mm |
| CWS30 | 200 | M6 x 12.5 x 1.2mm |
| CWS31 | 200 | M8 x 17 x 1.2mm |
| CWS32 | 200 | M10 x 21 x 1.6mm |
| CWS33 | 200 | M12 x 24 x 1.6mm |
| CWS34 | 200 | M20 x 37 x 2.0mm |
| CWS35 | 200 | M24 x 44 x 2.0mm |



WASHERS

FLAT STEEL, HEAVY DUTY, ZINC PLATED

| | | |
|------|------------|--------------------|
| CHW1 | 200 / pack | 3/16 x 1/2" x 18G |
| CHW2 | 200 | 1/4 x 9/16" x 14G |
| CHW3 | 200 | 5/16 x 5/8" x 14G |
| CHW4 | 150 | 3/8 x 3/4" x 14G |
| CHW5 | 150 | 7/16 x 7/8" x 14G |
| CHW6 | 100 | 1/2 x 1" x 14G |
| CHW7 | 100 | 5/8 x 1-3/8" x 14G |
| CHW8 | 100 | 3/4 x 1-1/2" x 14G |



WASHERS

FLAT STEEL, SUPER HEAVY DUTY, ZINC PLATED

| | | |
|-------|------------|--------------------|
| CHW21 | 100 / pack | 3/16 x 9/16" x 16G |
| CHW22 | 100 | 1/4 x 3/4" x 16G |
| CHW23 | 100 | 5/16 x 7/8" x 14G |
| CHW24 | 100 | 3/8 x 7/8" x 10G |
| CHW25 | 50 | 7/16 x 1" x 10G |
| CHW26 | 50 | 1/2 x 1-1/4" x 10G |
| CHW27 | 25 | 5/8 x 1-3/4" x 9G |
| CHW28 | 25 | 3/4 x 2" x 9G |



WASHERS

FLAT STEEL, HIGH TENSILE, ZINC PLATED

| | | |
|-------|------------|----------------------|
| CHW30 | 100 / pack | 1/4 x 5/8" x 16G |
| CHW31 | 100 | 5/16 x 11/16" x 16G |
| CHW32 | 100 | 3/8 x 13/16" x 16GS |
| CHW33 | 100 | 7/16 x 59/64" x 16G |
| CHW34 | 50 | 1/2 x 1-1/16" x 11G |
| CHW35 | 50 | 9/16 x 1-3/16" x 11G |
| CHW36 | 50 | 5/8 x 1-5/16" x 10G |
| CHW37 | 50 | 3/4 x 1-15/32" x 10G |
| CHW38 | 25 | 7/8 x 1-3/4" x 9G |
| CHW39 | 25 | 1 x 2" x 9G |



WASHERS

FLAT STEEL, PANEL (BODY), ZINC PLATED

| | | |
|------|-----------|---------------|
| CBW1 | 50 / pack | 3/16 x 1" |
| CBW2 | 50 | 1/4 x 1-1/4" |
| CBW3 | 50 | 5/16 x 1-1/4" |
| CBW4 | 50 | 3/8 x 1-1/4" |
| CBW5 | 25 | 1/2 x 1-1/2" |
| CBW6 | 10 | 5/8 x 2" |



WASHERS

NYLON, 1/32" THICK

| | | |
|-------|-----------|-----------------|
| CNW1 | 50 / pack | 12 x 22mm |
| CNW2 | 50 | 14 x 22mm |
| CNW3 | 50 | 16 x 24mm |
| CNW4 | 50 | 18 x 28mm |
| CNW5 | 25 | 25 x 35mm |
| CNW6 | 50 | 1/2 x 3/4" |
| CNW7 | 50 | 0.530 x 3/4" |
| CNW8 | 50 | 5/8 x 15/16" |
| CNW9 | 50 | 11/16 x 1" |
| CNW10 | 50 | 3/4 x 1-1/8" |
| CNW11 | 50 | 13/16 x 1-3/16" |



WASHERS

STEEL SPACING, 22G THICK (.028")

| | | |
|-------|------------|-----------------|
| SPW2 | 100 / pack | 1/4 x 9/16" |
| SPW3 | 100 | 5/16 x 11/16" |
| SPW4 | 100 | 3/8 x 3/4" |
| SPW5 | 100 | 7/16 x 13/16" |
| SPW6 | 100 | 1/2 x 7/8" |
| SPW7 | 100 | 9/16 x 15/16" |
| SPW8 | 100 | 5/8 x 1" |
| SPW9 | 100 | 11/16 x 1-1/16" |
| SPW11 | 100 | 3/4 x 1-1/8" |
| SPW12 | 100 | 13/16 x 1-3/16" |
| SPW13 | 100 | 7/8 x 1-1/4" |
| SPW14 | 100 | 15/16 x 1-3/8" |
| SPW15 | 100 | 1 x 1-1/2" |
| SPW17 | 50 | 1-1/8 x 1-3/4" |
| SPW19 | 50 | 1-1/4 x 2" |
| SPW21 | 50 | 1-1/2 x 2-1/4" |



WASHERS

SPRING, FLAT SECTION, IMPERIAL & METRIC, ZINC PLATED

| | | |
|--------|------------|-------|
| WIS532 | 200 / pack | 5/32" |
| WIS3 | 200 | 3/16" |
| WIS4 | 200 | 1/4" |
| WIS5 | 200 | 5/16" |
| WIS6 | 150 | 3/8" |
| WIS7 | 150 | 7/16" |
| WIS8 | 100 | 1/2" |
| WIS9 | 50 | 9/16" |
| WIS10 | 50 | 5/8" |
| WIS12 | 25 | 3/4" |
| WMS5 | 200 | 5mm |
| WMS6 | 200 | 6mm |
| WMS10 | 150 | 10mm |
| WMS12 | 100 | 12mm |
| WMS20 | 25 | 20mm |



WIRING TERMINALS

| | | |
|--------|------------|-----------------------------|
| 13-5 | 100 / pack | 3/16" Red Ring |
| 13-6 | 100 | 1/4" Red Ring |
| 22-5 | 100 | 3/16" Blue Ring |
| 22Y-4 | 100 | 5/32" Blue Spade |
| 23-8 | 100 | 5/16" Blue Ring |
| 53-8 | 100 | 5/16" Yellow Ring |
| 53-10 | 100 | 3/8" Yellow Ring |
| 153V | 100 | Male Push-On 2 Way Conn. |
| 200F | 100 | Red Female Bullet |
| 200M | 100 | Red Male Bullet |
| 201F | 100 | Blue Female Bullet |
| 201M | 100 | Blue Male Bullet |
| 309F | 100 | Red Female Push-On |
| 309WF | 100 | Red Female Fully Insulated |
| 309M | 100 | Red Male Push-On |
| 320F | 100 | Blue Female Push-On |
| 320WF | 100 | Blue Female Fully Insulated |
| 320M | 100 | Blue Male Push-On |
| 355F | 100 | Yellow Female Push-On |
| 355WF | 100 | Yellow Female Fully Insul. |
| 355M | 100 | Yellow Male Push-On |
| KSB100 | 100 | Blue Wire Tap |
| KSR100 | 100 | Red Wire Tap |
| QCF | 100 | Female Lanced Push-On |
| QCM | 100 | Male Lanced Push-On |
| TG1 | 100 | Red Cable Connector |
| TG2 | 100 | Blue Cable Connector |
| TG3 | 100 | Yellow Cable Connector |



WOODRUFF KEYS

IMPERIAL

| | | |
|-------|-----------|---------------|
| CWK1 | 25 / pack | 1/2 x 1/16" |
| CWK2 | 25 | 1/2 x 3/32" |
| CWK3 | 25 | 1/2 x 1/8" |
| CWK4 | 25 | 5/8 x 3/32" |
| CWK5 | 25 | 5/8 x 1/8" |
| CWK6 | 25 | 5/8 x 5/32" |
| CWK61 | 25 | 5/8 x 3/16" |
| CWK7 | 25 | 3/4 x 1/8" |
| CWK8 | 25 | 3/4 x 5/32" |
| CWK9 | 25 | 3/4 x 3/16" |
| CWK91 | 25 | 3/4 x 1/4" |
| CWK10 | 25 | 7/8 x 5/32" |
| CWK11 | 25 | 7/8 x 3/16" |
| CWKA | 25 | 7/8 x 1/4" |
| CWK13 | 25 | 1 x 3/16" |
| CWK15 | 25 | 1 x 1/4" |
| CWKB | 25 | 1 x 5/16" |
| CWK16 | 25 | 1-1/8 x 3/16" |
| CWK18 | 25 | 1-1/8 x 1/4" |
| CWKC | 25 | 1-1/8 x 5/16" |
| CWK21 | 25 | 1-1/4 x 1/4" |
| CWKD | 25 | 1-1/4 x 5/16" |
| CWKE | 25 | 1-1/4 x 3/8" |



WOODRUFF KEYS

METRIC

| | | |
|------|-----------|------------|
| MWK3 | 25 / pack | 2 x 10mm |
| MWK5 | 25 | 2.5 x 10mm |
| MWK6 | 25 | 3 x 10mm |
| MWK7 | 25 | 3 x 13mm |

WOODRUFF KEYS *Continued*

METRIC

| | | |
|-------|---------|-----------|
| MWK8 | 25 / pk | 3 x 16mm |
| MWK9 | 25 | 3 x 19mm |
| MWK10 | 25 | 4 x 13mm |
| MWK11 | 25 | 4 x 16mm |
| MWK12 | 25 | 4 x 19mm |
| MWK14 | 25 | 5 x 16mm |
| MWK15 | 25 | 5 x 19mm |
| MWK16 | 25 | 5 x 22mm |
| MWK19 | 25 | 6 x 22mm |
| MWK21 | 25 | 6 x 28mm |
| MWK26 | 25 | 8 x 28mm |
| MWK27 | 25 | 8 x 32mm |
| MWK30 | 25 | 10 x 32mm |



VACUUM HOSE CONNECTORS

| | | |
|-------|---------|------------------------------|
| NHC1 | 25 / pk | T Piece 3mm |
| NHC2 | 25 | T Piece 5mm |
| NHC3 | 25 | T Piece 6mm |
| NHC4 | 25 | T Piece 8mm |
| NHC5 | 25 | T Piece 10mm |
| NHC6 | 25 | 90° Elbow 3mm |
| NHC7 | 25 | 90° Elbow 5mm |
| NHC8 | 25 | 90° Elbow 6mm |
| NHC9 | 25 | 90° Elbow 8mm |
| NHC10 | 25 | 90° Elbow 10mm |
| NHC11 | 25 | Reducing T Piece 3 - 4 - 3mm |
| NHC12 | 25 | Reducing T Piece 4 - 6 - 4mm |
| NHC13 | 25 | Reducing T Piece 6 - 4 - 6mm |
| NHC14 | 25 | Reducing T Piece 8 - 4 - 8mm |
| NHC15 | 25 | Reducing T Piece 8 - 6 - 8mm |
| NHC16 | 25 | Reducing T Piece 10-6-10mm |
| NHC17 | 25 | Straight Connector 3mm |
| NHC18 | 25 | Straight Connector 5mm |
| NHC19 | 25 | Straight Connector 6mm |
| NHC20 | 25 | Straight Connector 8mm |
| NHC21 | 25 | Straight Connector 10mm |
| NHC22 | 25 | Reducing Str Conn 4 - 3mm |
| NHC23 | 25 | Reducing Str Conn 6 - 4mm |
| NHC24 | 25 | Reducing Str Conn 8 - 6mm |
| NHC25 | 25 | Reducing Str Conn 10 - 6mm |
| NHC26 | 25 | Reducing Str Conn 10 - 8mm |
| NHC27 | 25 | 4 Way X Piece 5mm |
| NHC28 | 25 | 4 Way X Piece 6mm |
| NHC29 | 25 | 3 Way Y Piece 3mm |
| NHC30 | 25 | 3 Way Y Piece 5mm |
| NHC31 | 25 | 3 Way Y Piece 6mm |
| NHC32 | 25 | 3 Way Y Piece 8mm |
| NHC33 | 25 | 3 Way Y Piece 10mm |
| NHC34 | 25 | Reducing Y Piece 6-8-6mm |
| NHC35 | 25 | Tailpiece 4mm 1/4" BSP |
| NHC36 | 25 | Tailpiece 5mm 1/4" BSP |
| NHC37 | 25 | Tailpiece 6mm 1/4" BSP |
| NHC38 | 25 | Tailpiece 8mm 1/4" BSP |
| NHC39 | 25 | Elbow 6mm x 1/4" BSP |
| NHC40 | 25 | Elbow 8mm x 1/4" BSP |
| NHC41 | 25 | Hex Taper Plug 1/8" BSP |
| NHC42 | 25 | Hex Taper Plug 1/4" BSP |
| NHC43 | 25 | Hex Taper Plug 3/8" BSP |
| NHC44 | 25 | 3mm Vacuum Cap |
| NHC45 | 25 | 4mm Vacuum Cap |
| NHC46 | 25 | 5mm Vacuum Cap |
| NHC47 | 25 | 6mm Vacuum Cap |
| NHC48 | 25 | 8mm Vacuum Cap |
| NHC49 | 25 | 10mm Vacuum Cap |



STAINLESS STEEL HOSE CLAMPS

Premium quality clamps to provide positive, reliable connections and sealing.



MICRO CLAMPS 8mm Band

Tiny. Tough. Precision Engineered.

Easy to install in confined areas. Narrow housing, low profile means no wings and no protrusions. Boasts one of the highest screw torques in the field with slotted 1/4" hex head screw. Maintains highest sealing pressures with only 10 inch-pounds of applied screw torque.

'RY' STANDARD SERIES 12.8mm Band

Nickel bearing stainless steel band and housing.
Zinc plated, carbon steel screw.

'SS' STAINLESS SERIES

Band and housing of SAE Standard 300 Marine Grade Stainless Steel. Slotted 5/16" hex head screw is SAE Standard 305 Stainless. The extra high nickel alloy stainless steel meets extreme demands of corrosive and underwater environments.

Always check the band is securely tightened.

Features:

- Band and housing to SAE Standard 300 Stainless Steel
- One piece stainless steel housing with interlocked construction
- Combined screwdriver slot and hex head screw design allow use of screwdriver, socket or spintite.

| PART No. | 'RY' MICRO SERIES 8mm Band | |
|----------|----------------------------|----------------|
| | Min. Hose I.D. | Max. Hose I.D. |
| RY4 | 6mm | 16mm |
| RY6 | 8mm | 22mm |
| RY7 | 11mm | 25mm |

| PART No. | 'RY' STANDARD SERIES 12.8mm Band | |
|----------|----------------------------------|----------------|
| | Min. Hose I.D. | Max. Hose I.D. |
| RY06WB | 10mm | 12mm |
| RY08 | 11mm | 25mm |
| RY10 | 13mm | 28mm |
| RY12 | 13mm | 32mm |
| RY16 | 19mm | 40mm |
| RY20 | 19mm | 44mm |
| RY24 | 26mm | 50mm |
| RY28 | 34mm | 57mm |
| RY32 | 40mm | 64mm |
| RY36 | 40mm | 70mm |
| RY40 | 40mm | 76mm |
| RY44 | 45mm | 82mm |
| RY48 | 45mm | 90mm |
| RY52 | 48mm | 95mm |
| RY56 | 54mm | 100mm |
| RY64 | 67mm | 114mm |
| RY72 | 80mm | 130mm |
| RY80 | 92mm | 140mm |
| RY88 | 108mm | 150mm |
| RY96 | 121mm | 165mm |
| RY104 | 102mm | 178mm |

| PART No. | MICRO SS STAINLESS STEEL SERIES 8mm Band | |
|----------|------------------------------------------|----------------|
| | Min. Hose I.D. | Max. Hose I.D. |
| SS4 | 6mm | 16mm |
| SS6 | 8mm | 22mm |

| PART No. | SS STAINLESS STEEL SERIES 12.8mm Band | |
|----------|---------------------------------------|----------------|
| | Min. Hose I.D. | Max. Hose I.D. |
| SS06WB | 10mm | 12mm |
| SS08 | 11mm | 25mm |
| SS10 | 13mm | 28mm |
| SS12 | 13mm | 32mm |
| SS16 | 19mm | 40mm |
| SS20 | 19mm | 44mm |
| SS24 | 26mm | 50mm |
| SS28 | 34mm | 57mm |
| SS32 | 40mm | 64mm |
| SS36 | 40mm | 70mm |
| SS40 | 40mm | 76mm |
| SS44 | 45mm | 82mm |
| SS48 | 45mm | 90mm |
| SS52 | 48mm | 95mm |
| SS56 | 54mm | 100mm |
| SS64 | 67mm | 114mm |
| SS72 | 80mm | 130mm |
| SS80 | 92mm | 140mm |
| SS88 | 108mm | 150mm |
| SS96 | 121mm | 165mm |
| SS104 | 102mm | 178mm |

STAINLESS STEEL HOSE CLAMP ASSORTMENT *with Carry Case*

Stainless Steel band and saddle. Zinc plated screw.



CHCA120 STAINLESS STEEL HOSE CLAMP ASSORT.

- Stainless Steel band and saddle
- Zinc Plated screw
- 9 Sizes: 6mm-16mm to 40mm-64mm
- 120 Pieces

'RY' Micro and Standard Series

ASSORTMENT CONTENTS:

'RY' Standard Series, 8mm Band

| | | Min Hose I.D. | Max Hose I.D. |
|------|--------|---------------|---------------|
| RY4 | 20 qty | 6mm | 16mm |
| RY6 | 20 | 8mm | 22mm |
| RY08 | 20 | 11mm | 25mm |
| RY10 | 10 | 13mm | 28mm |
| RY12 | 10 | 13mm | 22mm |
| RY20 | 10 | 19mm | 44mm |
| RY24 | 10 | 26mm | 50mm |
| RY28 | 10 | 34mm | 57mm |
| RY32 | 10 | 40mm | 64mm |

HOSE CLAMP DRIVERS



HCD1 7mm HOSE CLAMP DRIVER

- 7mm fitting suits worm drive hose clips
- Comfortable grip handle
- Flexible steel spiral shaft
- Overall length: 270mm



*Reversible,
Two Component Handle*

HCD2 6mm/7mm HOSE CLAMP DRIVER

- Reversible 6mm or 7mm fitting to suit most worm drive hose clips
- Two component handle
- Comfortable grip handle
- Flexible plastic covered steel spiral shaft for easier access
- Overall length: 280mm



METRIC SERIES ISO GR8.8 HIGH TENSILE. HEX BOLTS, SET SCREWS & NUTS

METRIC THREADS ISO

M4 x 0.7

| | | |
|----|-----------|------------------------|
| M1 | 25 / pack | 10mm Set Screws & Nuts |
| M2 | 25 | 12mm Set Screws & Nuts |
| M3 | 25 | 16mm Set Screws & Nuts |
| M4 | 25 | 20mm Set Screws & Nuts |
| M5 | 25 | 25mm Set Screws & Nuts |
| M6 | 25 | 30mm Set Screws & Nuts |
| M7 | 25 | 35mm Set Screws & Nuts |
| M8 | 25 | 40mm Set Screws & Nuts |
| M9 | 25 | 50mm Set Screws & Nuts |

METRIC THREADS ISO

M5 x 0.8

| | | |
|-----|-----------|------------------------|
| M10 | 25 / pack | 10mm Set Screws & Nuts |
| M11 | 25 | 12mm Set Screws & Nuts |
| M12 | 25 | 16mm Set Screws & Nuts |
| M13 | 25 | 20mm Set Screws & Nuts |
| M14 | 25 | 25mm Set Screws & Nuts |
| M15 | 25 | 30mm Set Screws & Nuts |
| M16 | 25 | 35mm Set Screws & Nuts |
| M17 | 25 | 40mm Set Screws & Nuts |
| M18 | 25 | 50mm Set Screws & Nuts |

METRIC THREADS ISO

M6 x 1.00

| | | |
|-----|-----------|--------------------|
| M19 | 25 / pack | 10mm Set Screws |
| M20 | 25 | 12mm Set Screws |
| M21 | 25 | 16mm Set Screws |
| M22 | 25 | 20mm Set Screws |
| M23 | 25 | 25mm Set Screws |
| M25 | 30 | 30mm Set Screws |
| M26 | 25 | 35mm Set Screws |
| M27 | 25 | 40mm Set Screws |
| M29 | 25 | 50mm Bolts & Nuts |
| M30 | 25 | 50mm Set Screws |
| M31 | 25 | 60mm Set Screws |
| M32 | 25 | 60mm Bolts & Nuts |
| M33 | 25 | 65mm Bolts & Nuts |
| M34 | 25 | 70mm Bolts & Nuts |
| M35 | 25 | 80mm Bolts & Nuts |
| M36 | 25 | 90mm Bolts & Nuts |
| M37 | 25 | 100mm Bolts & Nuts |

METRIC THREADS ISO

M7 x 1.00

| | | |
|-----|-----------|-------------------|
| M39 | 25 / pack | 25mm Set Screws |
| M40 | 25 | 35mm Set Screws |
| M41 | 25 | 40mm Set Screws |
| M42 | 25 | 50mm Set Screws |
| M43 | 25 | 60mm Bolts & Nuts |

METRIC THREADS ISO

M8 x 1.25

| | | |
|-----|-----------|--------------------|
| M44 | 25 / pack | 12mm Set Screws |
| M45 | 25 | 16mm Set Screws |
| M46 | 25 | 18mm Set Screws |
| M47 | 25 | 20mm Set Screws |
| M48 | 25 | 25mm Set Screws |
| M51 | 25 | 30mm Set Screws |
| M52 | 25 | 35mm Set Screws |
| M53 | 25 | 35mm Bolts & Nuts |
| M54 | 25 | 40mm Bolts & Nuts |
| M55 | 25 | 40mm Set Screws |
| M56 | 25 | 45mm Bolts & Nuts |
| M57 | 25 | 50mm Bolts & Nuts |
| M58 | 25 | 50mm Set Screws |
| M59 | 25 | 55mm Bolts & Nuts |
| M60 | 25 | 60mm Bolts & Nuts |
| M61 | 25 | 60mm Set Screws |
| M62 | 25 | 65mm Set Screws |
| M63 | 25 | 65mm Bolts & Nuts |
| M64 | 25 | 70mm Bolts & Nuts |
| M65 | 25 | 75mm Bolts & Nuts |
| M66 | 25 | 75mm Set Screws |
| M67 | 25 | 80mm Bolts & Nuts |
| M68 | 25 | 90mm Bolts & Nuts |
| M69 | 20 | 100mm Bolts & Nuts |
| M70 | 20 | 100mm Set Screws |

FINE PITCH METRIC THREADS

M8 x 1.00

| | | |
|-----|-----------|-------------------|
| M71 | 25 / pack | 20mm Set Screws |
| M72 | 25 | 25mm Set Screws |
| M73 | 25 | 30mm Set Screws |
| M74 | 25 | 35mm Set Screws |
| M75 | 25 | 40mm Set Screws |
| M76 | 25 | 50mm Set Screws |
| M77 | 25 | 60mm Bolts & Nuts |

METRIC THREADS ISO

M10 x 1.5

| | | |
|-----|-----------|-------------------|
| M78 | 25 / pack | 20mm Set Screws |
| M79 | 25 | 25mm Set Screws |
| M81 | 25 | 30mm Bolts & Nuts |
| M82 | 25 | 35mm Bolts & Nuts |
| M83 | 25 | 35mm Set Screws |
| M84 | 25 | 40mm Set Screws |
| M85 | 25 | 40mm Bolts & Nuts |
| M86 | 25 | 45mm Bolts & Nuts |
| M87 | 25 | 50mm Bolts & Nuts |
| M88 | 25 | 50mm Set Screws |
| M89 | 25 | 60mm Bolts & Nuts |

METRIC THREADS ISO *Continued*

M10 x 1.5

| | | |
|-----|-----------|--------------------|
| M90 | 20 / pack | 60mm Set Screws |
| M91 | 20 | 65mm Bolts & Nuts |
| M92 | 20 | 65mm Set Screws |
| M93 | 20 | 70mm Bolts & Nuts |
| M94 | 20 | 75mm Bolts & Nuts |
| M95 | 20 | 75mm Set Screws |
| M96 | 20 | 80mm Bolts & Nuts |
| M97 | 15 | 90mm Bolts & Nuts |
| M98 | 15 | 100mm Bolts & Nuts |
| M99 | 10 | 100mm Set Screws |

FINE PITCH METRIC THREAD

M10 x 1.00

| | | |
|------|-----------|-----------------|
| M100 | 25 / pack | 20mm Set Screws |
| M101 | 25 | 25mm Set Screws |
| M102 | 25 | 35mm Set Screws |

FINE PITCH METRIC THREAD

M10 x 1.25

| | | |
|------|-----------|-------------------|
| M103 | 25 / pack | 20mm Set Screws |
| M104 | 25 | 25mm Set Screws |
| M105 | 25 | 30mm Set Screws |
| M106 | 25 | 35mm Set Screws |
| M107 | 25 | 40mm Set Screws |
| M109 | 25 | 45mm Bolts & Nuts |
| M110 | 25 | 50mm Set Screws |
| M111 | 15 | 60mm Bolts & Nuts |
| M112 | 15 | 70mm Bolts & Nuts |

METRIC THREAD ISO

M12 x 1.75

| | | |
|------|-----------|--------------------|
| M113 | 25 / pack | 20mm Set Screws |
| M114 | 25 | 25mm Set Screws |
| M116 | 25 | 30mm Set Screws |
| M119 | 25 | 35mm Set Screws |
| M120 | 25 | 40mm Set Screws |
| M121 | 25 | 40mm Bolts & Nuts |
| M122 | 25 | 45mm Bolts & Nuts |
| M123 | 25 | 45mm Set Screws |
| M124 | 20 | 50mm Set Screws |
| M125 | 20 | 50mm Bolts & Nuts |
| M126 | 15 | 60mm Bolts & Nuts |
| M127 | 15 | 60mm Set Screws |
| M128 | 15 | 65mm Bolts & Nuts |
| M129 | 15 | 65mm Set Screws |
| M130 | 15 | 70mm Set Screws |
| M131 | 15 | 70mm Bolts & Nuts |
| M132 | 15 | 75mm Bolts & Nuts |
| M133 | 10 | 80mm Bolts & Nuts |
| M134 | 10 | 90mm Bolts & Nuts |
| M135 | 10 | 100mm Bolts & Nuts |
| M136 | 10 | 100mm Set Screws |

FINE PITCH METRIC THREAD

M12 x 1.5

| | | |
|------|-----------|-------------------|
| M137 | 25 / pack | 20mm Set Screws |
| M138 | 20 | 25mm Set Screws |
| M139 | 20 | 30mm Set Screws |
| M140 | 20 | 35mm Set Screws |
| M141 | 20 | 40mm Set Screws |
| M142 | 20 | 40mm Bolts & Nuts |
| M143 | 20 | 45mm Bolts & Nuts |
| M144 | 15 | 50mm Bolts & Nuts |

FINE PITCH METRIC THREAD *Continued*

M12 x 1.5

| | | |
|------|-----------|-------------------|
| M145 | 15 / pack | 50mm Set Screws |
| M147 | 15 | 60mm Bolts & Nuts |
| M148 | 15 | 75mm Bolts & Nuts |

FINE PITCH METRIC THREAD

M12 x 1.25

| | | |
|------|-----------|-------------------|
| M149 | 20 / pack | 30mm Set Screws |
| M150 | 20 | 35mm Set Screws |
| M151 | 20 | 45mm Set Screws |
| M152 | 15 | 50mm Set Screws |
| M153 | 15 | 60mm Bolts & Nuts |
| M154 | 15 | 75mm Bolts & Nuts |

HEXAGON METRIC THREADS

NUTS

| | | |
|------|-----------|--------------------|
| M155 | 50 / pack | M3 x 0.5mm ISO |
| M156 | 50 | M4 x 0.7mm ISO |
| M157 | 50 | M5 x 0.8mm ISO |
| M158 | 50 | M5 x 0.9mm Special |
| M159 | 50 | M6 x 1.00mm ISO |
| M160 | 50 | M7 x 1.00mm ISO |
| M161 | 50 | M8 x 1.25mm ISO |
| M162 | 25 | M8 x 1.00mm Fine |
| M163 | 25 | M10 x 1.5mm ISO |
| M164 | 25 | M10 x 1.25mm JIS |
| M165 | 25 | M10 x 1.0mm Fine |
| M166 | 25 | M12 x 1.75mm ISO |
| M167 | 25 | M12 x 1.5mm Fine |
| M168 | 25 | M12 x 1.25mm JIS |

FLANGE BOLTS & NUTS

M5 x 0.8

| | | |
|-------|-----------|------|
| MFB12 | 25 / pack | 16mm |
| MFB14 | 25 | 25mm |

FLANGE BOLTS & NUTS

M6 x 1.00

| | | |
|-------|-----------|------|
| MFB21 | 25 / pack | 16mm |
| MFB22 | 25 | 20mm |
| MFB23 | 25 | 25mm |
| MFB25 | 25 | 30mm |
| MFB27 | 25 | 40mm |

FLANGE BOLTS & NUTS

M8 x 1.25

| | | |
|-------|-----------|------|
| MFB45 | 25 / pack | 16mm |
| MFB47 | 25 | 20mm |
| MFB48 | 25 | 25mm |
| MFB51 | 25 | 30mm |
| MFB55 | 25 | 40mm |
| MFB57 | 25 | 50mm |

FLANGE BOLTS & NUTS

M10 x 1.25

| | | |
|--------|-----------|------|
| MFB104 | 25 / pack | 25mm |
| MFB106 | 25 | 35mm |
| MFB107 | 25 | 40mm |
| MFB110 | 25 | 50mm |

FLANGE NUTS

| | | |
|--------|-----------|--------------|
| MFN157 | 50 / pack | M5 x 0.8mm |
| MFN159 | 50 | M6 x 1.00mm |
| MFN161 | 50 | M8 x 1.25mm |
| MFN163 | 50 | M10 x 1.50mm |
| MFN164 | 50 | M10 x 1.25mm |



UNF SERIES GR5 HIGH TENSILE. HEX BOLTS, SET SCREWS & NUTS

1/4" UNF THREADS

| | | |
|-----|-----------|---------------------|
| F1 | 25 / pack | 1/2" Set Screws |
| F2 | 25 | 5/8" Set Screws |
| F3 | 25 | 3/4" Set Screws |
| F4 | 25 | 1" Set Screws |
| F6 | 25 | 1-1/4" Set Screws |
| F8 | 25 | 1-1/2" Set Screws |
| F9 | 25 | 1-1/2" Bolts & Nuts |
| F10 | 25 | 1-3/4" Bolts & Nuts |
| F11 | 25 | 2" Set Screws |
| F12 | 25 | 2" Bolts & Nuts |
| F13 | 25 | 2-1/2" Bolts & Nuts |
| F14 | 25 | 3" Bolts & Nuts |

5/16" UNF THREADS

| | | |
|-----|-----------|---------------------|
| F15 | 25 / pack | 3/4" Set Screws |
| F16 | 25 | 1" Set Screws |
| F19 | 25 | 1-1/4" Set Screws |
| F20 | 25 | 1-1/2" Bolts & Nuts |
| F21 | 25 | 1-1/2" Set Screws |
| F22 | 25 | 1-3/4" Bolts & Nuts |
| F23 | 25 | 2" Bolts & Nuts |
| F24 | 25 | 2" Set Screws |
| F26 | 25 | 2-1/2" Bolts & Nuts |
| F28 | 25 | 3" Bolts & Nuts |
| F29 | 25 | 3-1/2" Bolts & Nuts |
| F30 | 25 | 4" Bolts & Nuts |

3/8" UNF THREADS

| | | |
|-----|-----------|---------------------|
| F31 | 25 / pack | 3/4" Set Screws |
| F32 | 25 | 1" Set Screws |
| F34 | 25 | 1-1/4" Bolts & Nuts |
| F35 | 25 | 1-1/4" Set Screws |
| F36 | 25 | 1-1/2" Set Screws |
| F37 | 25 | 1-1/2" Bolts & Nuts |
| F38 | 25 | 1-3/4" Bolts & Nuts |
| F39 | 25 | 2" Bolts & Nuts |
| F40 | 25 | 2" Set Screws |
| F42 | 25 | 2-1/2" Bolts & Nuts |
| F43 | 20 | 3" Bolts & Nuts |
| F45 | 20 | 3-1/2" Bolts & Nuts |
| F47 | 20 | 4" Bolts & Nuts |
| F48 | 10 | 4-1/2" Bolts & Nuts |

7/16" UNF THREADS

| | | |
|-----|-----------|---------------------|
| F50 | 25 / pack | 1" Set Screws |
| F53 | 25 | 1-1/4" Set Screws |
| F54 | 25 | 1-1/2" Set Screws |
| F55 | 25 | 1-1/2" Bolts & Nuts |
| F56 | 20 | 1-3/4" Bolts & Nuts |
| F57 | 20 | 2" Bolts & Nuts |
| F58 | 15 | 2-1/2" Bolts & Nuts |
| F59 | 15 | 3" Bolts & Nuts |
| F60 | 10 | 3-1/2" Bolts & Nuts |
| F61 | 10 | 4" Bolts & Nuts |

1/2" UNF THREADS

| | | |
|-----|-----------|---------------------|
| F62 | 25 / pack | 1" Set Screws |
| F63 | 25 | 1-1/4" Set Screws |
| F65 | 25 | 1-1/2" Bolts & Nuts |
| F66 | 25 | 1-1/2" Set Screws |
| F67 | 25 | 1-3/4" Set Screws |
| F68 | 20 | 1-3/4" Bolts & Nuts |
| F69 | 20 | 2" Bolts & Nuts |
| F70 | 20 | 2" Set Screws |
| F72 | 15 | 2-1/2" Bolts & Nuts |
| F74 | 10 | 3" Bolts & Nuts |
| F75 | 10 | 3-1/2" Bolts & Nuts |
| F76 | 10 | 4" Bolts & Nuts |

NUTS UNF HEXAGON

| | | |
|-----|-----------|------------|
| F77 | 50 / pack | 1/4" Nuts |
| F78 | 50 | 5/16" Nuts |
| F79 | 50 | 3/8" Nuts |
| F80 | 25 | 7/16" Nuts |
| F81 | 25 | 1/2" Nuts |





UNC SERIES GR5 HIGH TENSILE. HEX BOLTS, SET SCREWS & NUTS

1/4" UNC THREADS

| | | |
|-----|-----------|---------------------|
| C1 | 25 / pack | 1/2" Set Screws |
| C2 | 25 | 5/8" Set Screws |
| C3 | 25 | 3/4" Set Screws |
| C4 | 25 | 1" Set Screws |
| C6 | 25 | 1-1/4" Set Screws |
| C8 | 25 | 1-1/2" Set Screws |
| C9 | 25 | 1-1/2" Bolts & Nuts |
| C10 | 25 | 1-3/4" Bolts & Nuts |
| C11 | 25 | 2" Set Screws |
| C12 | 25 | 2" Bolts & Nuts |
| C13 | 25 | 2-1/2" Bolts & Nuts |
| C14 | 25 | 3" Bolts & Nuts |

5/16" UNC THREADS

| | | |
|-----|-----------|---------------------|
| C15 | 25 / pack | 3/4" Set Screws |
| C16 | 25 | 1" Set Screws |
| C19 | 25 | 1-1/4" Set Screws |
| C20 | 25 | 1-1/2" Bolts & Nuts |
| C21 | 25 | 1-1/2" Set Screws |
| C22 | 25 | 1-3/4" Bolts & Nuts |
| C23 | 25 | 2" Bolts & Nuts |
| C24 | 25 | 2" Set Screws |
| C26 | 25 | 2-1/2" Bolts & Nuts |
| C28 | 25 | 3" Bolts & Nuts |
| C29 | 25 | 3-1/2" Bolts & Nuts |
| C30 | 25 | 4" Bolts & Nuts |

3/8" UNC THREADS

| | | |
|-----|-----------|---------------------|
| C31 | 25 / pack | 3/4" Set Screws |
| C32 | 25 | 1" Set Screws |
| C35 | 25 | 1-1/4" Set Screws |
| C36 | 25 | 1-1/2" Set Screws |
| C37 | 25 | 1-1/2" Bolts & Nuts |
| C38 | 25 | 1-3/4" Bolts & Nuts |
| C39 | 25 | 2" Bolts & Nuts |
| C40 | 25 | 2" Set Screws |
| C42 | 25 | 2-1/2" Bolts & Nuts |
| C43 | 20 | 3" Bolts & Nuts |
| C45 | 20 | 3-1/2" Bolts & Nuts |
| C47 | 20 | 4" Bolts & Nuts |
| C48 | 10 | 4-1/2" Bolts & Nuts |

7/16" UNC THREADS

| | | |
|-----|-----------|---------------------|
| C50 | 25 / pack | 1" Set Screws |
| C53 | 25 | 1-1/4" Set Screws |
| C54 | 25 | 1-1/2" Set Screws |
| C55 | 25 | 1-1/2" Bolts & Nuts |
| C56 | 20 | 1-3/4" Bolts & Nuts |
| C57 | 20 | 2" Bolts & Nuts |
| C58 | 15 | 2-1/2" Bolts & Nuts |
| C59 | 15 | 3" Bolts & Nuts |
| C60 | 10 | 3-1/2" Bolts & Nuts |
| C61 | 10 | 4" Bolts & Nuts |

1/2" UNC THREADS

| | | |
|-----|-----------|---------------------|
| C62 | 25 / pack | 1" Set Screws |
| C63 | 25 | 1-1/4" Set Screws |
| C65 | 25 | 1-1/2" Bolts & Nuts |
| C66 | 25 | 1-1/2" Set Screws |
| C67 | 25 | 1-3/4" Set Screws |
| C68 | 20 | 1-3/4" Bolts & Nuts |
| C69 | 20 | 2" Bolts & Nuts |
| C70 | 20 | 2" Set Screws |
| C71 | 15 | 2-1/4" Bolts & Nuts |
| C72 | 15 | 2-1/2" Bolts & Nuts |
| C74 | 10 | 3" Bolts & Nuts |
| C75 | 10 | 3-1/2" Bolts & Nuts |
| C76 | 10 | 4" Bolts & Nuts |

NUTS UNC HEXAGON

| | | |
|-----|-----------|------------|
| C77 | 50 / pack | 1/4" Nuts |
| C78 | 50 | 5/16" Nuts |
| C79 | 50 | 3/8" Nuts |
| C80 | 25 | 7/16" Nuts |
| C81 | 25 | 1/2" Nuts |



METRIC, HIGH TENSILE, GR8.8 BOLTS & SET SCREWS

GRADE 8.8, HIGH TENSILE, A.S. 1100 – **DIN 931 & 933**

- FULLY THREADED
- ZINC PLATED



| 3 x 0.5 ISO | | | | |
|-------------|---------|---------------------|---|--|
| M93303010 | 500 qty | 3 x 10mm Set Screws | ● | |
| M93303016 | 500 | 3 x 16mm Set Screws | ● | |
| M93303020 | 500 | 3 x 20mm Set Screws | ● | |
| M93303025 | 500 | 3 x 25mm Set Screws | ● | |
| M93303030 | 500 | 3 x 30mm Set Screws | ● | |
| M93303050 | 500 | 3 x 50mm Set Screws | ● | |

| 4 x 0.7 ISO | | | | |
|-------------|---------|---------------------|---|--|
| M93304010 | 500 qty | 4 x 10mm Set Screws | ● | |
| M93304012 | 500 | 4 x 12mm Set Screws | ● | |
| M93304016 | 500 | 4 x 16mm Set Screws | ● | |
| M93304020 | 500 | 4 x 20mm Set Screws | ● | |
| M93304025 | 500 | 4 x 25mm Set Screws | ● | |
| M93304030 | 500 | 4 x 30mm Set Screws | ● | |
| M93304035 | 500 | 4 x 35mm Set Screws | ● | |
| M93304040 | 500 | 4 x 40mm Set Screws | ● | |
| M93304045 | 500 | 4 x 45mm Set Screws | ● | |
| M93304050 | 500 | 4 x 50mm Set Screws | ● | |

| 5 x 0.8 ISO | | | | |
|-------------|---------|---------------------|---|---|
| M93305010 | 500 qty | 5 x 10mm Set Screws | ● | ● |
| M93305012 | 500 | 5 x 12mm Set Screws | ● | |
| M93305016 | 500 | 5 x 16mm Set Screws | ● | ● |
| M93305020 | 500 | 5 x 20mm Set Screws | ● | ● |
| M93305025 | 500 | 5 x 25mm Set Screws | ● | ● |
| M93305030 | 500 | 5 x 30mm Set Screws | ● | ● |
| M93305035 | 200 | 5 x 35mm Set Screws | ● | ● |
| M93305040 | 200 | 5 x 40mm Set Screws | ● | ● |
| M93305045 | 200 | 5 x 45mm Set Screws | ● | ● |
| M93305050 | 200 | 5 x 50mm Set Screws | ● | ● |
| M93305060 | 200 | 5 x 60mm Set Screws | ● | ● |
| M93305065 | 200 | 5 x 65mm Set Screws | ● | ● |
| M93105065 | 200 | 5 x 65mm Bolts Only | | |

| 6 x 1.00 ISO | | | | |
|--------------|---------|---------------------|---|---|
| M933060008 | 500 qty | 6 x 8mm Set Screws | ● | ● |
| M933060010 | 500 | 6 x 10mm Set Screws | ● | ● |
| M933060012 | 500 | 6 x 12mm Set Screws | ● | ● |
| M933060016 | 500 | 6 x 16mm Set Screws | ● | ● |
| M933060020 | 500 | 6 x 20mm Set Screws | ● | ● |
| M933060025 | 500 | 6 x 25mm Set Screws | ● | ● |
| M933060030 | 500 | 6 x 30mm Set Screws | ● | ● |
| M933060035 | 200 | 6 x 35mm Set Screws | ● | ● |
| M933060040 | 200 | 6 x 40mm Set Screws | ● | ● |
| M931060040 | 200 | 6 x 40mm Bolts Only | | |
| M933060045 | 200 | 6 x 45mm Set Screws | ● | ● |
| M931060045 | 200 | 6 x 45mm Bolts Only | | |
| M933060050 | 200 | 6 x 50mm Set Screws | ● | ● |
| M931060050 | 200 | 6 x 50mm Bolts Only | | ● |

| 6 x 1.00 ISO <i>Continued</i> | | | | |
|-------------------------------|---------|----------------------|---|---|
| M931060055 | 200 qty | 6 x 55mm Bolts Only | | |
| M933060060 | 200 | 6 x 60mm Set Screws | ● | |
| M931060060 | 200 | 6 x 60mm Bolts Only | | ● |
| M933060065 | 200 | 6 x 65mm Set Screws | ● | |
| M931060065 | 200 | 6 x 65mm Bolts Only | | |
| M933060070 | 200 | 6 x 70mm Set Screws | ● | |
| M931060070 | 200 | 6 x 70mm Bolts Only | | ● |
| M931060075 | 200 | 6 x 75 Bolts Only | | |
| M933060080 | 200 | 6 x 80mm Set Screws | ● | |
| M931060080 | 200 | 6 x 80mm Bolts Only | | ● |
| M931060085 | 200 | 6 x 8mm Bolts Only | | |
| M933060090 | 200 | 6 x 90mm Set Screws | ● | |
| M931060090 | 200 | 6 x 90mm Bolts Only | | ● |
| M933060100 | 100 | 6 x 100mm Set Screws | ● | ● |
| M931060100 | 100 | 6 x 100mm Bolts Only | | ● |
| M931060110 | 100 | 6 x 110mm Bolts Only | | ● |
| M931060120 | 100 | 6 x 120mm Bolts Only | | ● |
| M931060130 | 100 | 6 x 130mm Bolts Only | | ● |
| M931060140 | 100 | 6 x 140mm Bolts Only | | ● |
| M931060150 | 100 | 6 x 150mm Bolts Only | | ● |

| 7 x 1.00 ISO | | | | |
|--------------|---------|---------------------|---|---|
| M93307016 | 200 qty | 7 x 16mm Set Screws | ● | ● |
| M93307020 | 200 | 7 x 20mm Set Screws | ● | ● |
| M93307025 | 200 | 7 x 25mm Set Screws | ● | ● |
| M93307030 | 200 | 7 x 30mm Set Screws | ● | ● |
| M93307035 | 200 | 7 x 35mm Set Screws | ● | ● |
| M93307040 | 200 | 7 x 40mm Set Screws | ● | ● |
| M93307050 | 200 | 7 x 50mm Set Screws | ● | ● |
| M93107050 | 200 | 7 x 50mm Bolts Only | | ● |
| M93307060 | 200 | 7 x 60mm Set Screws | ● | |
| M93107060 | 200 | 7 x 60mm Bolts Only | | ● |

| 8 x 1.25 ISO | | | | |
|--------------|---------|---------------------|---|---|
| M933080010 | 200 qty | 8 x 10mm Set Screws | ● | ● |
| M933080012 | 200 | 8 x 12mm Set Screws | ● | |
| M933080016 | 200 | 8 x 16mm Set Screws | ● | ● |
| M933080020 | 200 | 8 x 20mm Set Screws | ● | ● |
| M933080025 | 200 | 8 x 25mm Set Screws | ● | ● |
| M933080030 | 200 | 8 x 30mm Set Screws | ● | ● |
| M933080035 | 200 | 8 x 35mm Set Screws | ● | ● |
| M931080035 | 200 | 8 x 35mm Bolts Only | | |
| M933080040 | 200 | 8 x 40mm Set Screws | ● | ● |
| M931080040 | 200 | 8 x 40mm Bolts Only | | |
| M933080045 | 200 | 8 x 45mm Set Screws | ● | |
| M931080045 | 200 | 8 x 45mm Bolts Only | | |
| M933080050 | 200 | 8 x 50mm Set Screws | ● | ● |
| M931080050 | 200 | 8 x 50mm Bolts Only | | ● |
| M931060055 | 200 | 6 x 55mm Bolts Only | | |

METRIC, HIGH TENSILE, GR8.8 BOLTS & SET SCREWS

GRADE 8.8, HIGH TENSILE, A.S. 1100 – DIN 931 & 933

- FULLY THREADED
- ZINC PLATED



| 8 x 1.25 ISO <i>Continued</i> | | | | |
|-------------------------------|---------|----------------------|---|---|
| M933080060 | 200 qty | 8 x 60mm Set Screws | ● | ● |
| M931080060 | 200 | 8 x 60mm Bolts Only | | ● |
| M933080065 | 200 | 8 x 65mm Set Screws | ● | ● |
| M931080065 | 200 | 8 x 65mm Bolts Only | | ● |
| M933080070 | 200 | 8 x 70mm Set Screws | ● | ● |
| M931080070 | 200 | 8 x 70mm Bolts Only | | ● |
| M933080075 | 200 | 8 x 75mm Set Screws | ● | ● |
| M931080075 | 200 | 8 x 75mm Bolts Only | | ● |
| M933080080 | 200 | 8 x 80mm Set Screws | ● | |
| M931080080 | 200 | 8 x 80mm Bolts Only | | ● |
| M931080085 | 100 | 8 x 85mm Bolts Only | | |
| M933080090 | 100 | 8 x 90mm Set Screws | ● | |
| M931080090 | 100 | 8 x 90mm Bolts Only | | ● |
| M933080100 | 100 | 8 x 100mm Set Screws | ● | ● |
| M931080100 | 100 | 8 x 100mm Bolts Only | | ● |
| M931080110 | 100 | 8 x 110mm Bolts Only | | ● |
| M931080115 | 100 | 8 x 115mm Bolts Only | | |
| M933080120 | 100 | 8 x 120mm Set Screws | ● | |
| M931080120 | 100 | 8 x 120mm Bolts Only | | ● |
| M931080130 | 100 | 8 x 130mm Bolts Only | | ● |
| M931080140 | 100 | 8 x 140mm Bolts Only | | ● |
| M931080150 | 50 | 8 x 150mm Bolts Only | | ● |
| M931080155 | 25 | 8 x 155mm Bolts Only | | |
| M931080160 | 25 | 8 x 160mm Bolts Only | | |
| M931080170 | 25 | 8 x 170mm Bolts Only | | |
| M931080180 | 25 | 8 x 180mm Bolts Only | | |
| M931080200 | 25 | 8 x 200mm Bolts Only | | |
| M931080220 | 25 | 8 x 220mm Bolts Only | | |

| 10 x 1.5 ISO | | | | |
|--------------|---------|----------------------|---|---|
| M933100014 | 100 qty | 10 x 14mm Set Screws | ● | |
| M933100016 | 100 | 10 x 16mm Set Screws | ● | ● |
| M933100020 | 100 | 10 x 20mm Set Screws | ● | ● |
| M933100025 | 100 | 10 x 25mm Set Screws | ● | ● |
| M933100030 | 100 | 10 x 30mm Set Screws | ● | ● |
| M933100035 | 100 | 10 x 35mm Set Screws | ● | ● |
| M931100035 | 100 | 10 x 35mm Bolts Only | | |
| M933100040 | 100 | 10 x 40mm Set Screws | ● | ● |
| M931100040 | 100 | 10 x 40mm Bolts Only | | |
| M933100045 | 100 | 10 x 45mm Set Screws | ● | ● |
| M931100045 | 100 | 10 x 45mm Bolts Only | | ● |
| M933100050 | 100 | 10 x 50mm Set Screws | ● | ● |
| M931100050 | 100 | 10 x 50mm Bolts Only | | ● |
| M933100055 | 100 | 10 x 55mm Set Screws | ● | |
| M933100060 | 100 | 10 x 60mm Set Screws | ● | ● |

| 10 x 1.5 ISO <i>Continued</i> | | | | |
|-------------------------------|---------|-----------------------|---|---|
| M931100060 | 100 qty | 10 x 60mm Bolts Only | | ● |
| M933100065 | 100 | 10 x 65mm Set Screws | ● | |
| M931100065 | 100 | 10 x 65mm Bolts Only | | ● |
| M933100070 | 100 | 10 x 70mm Set Screws | ● | |
| M931100070 | 100 | 10 x 70mm Bolts Only | | ● |
| M933100075 | 100 | 10 x 75mm Set Screws | ● | |
| M931100075 | 100 | 10 x 75mm Bolts Only | | ● |
| M933100080 | 100 | 10 x 80mm Set Screws | ● | |
| M931100080 | 100 | 10 x 80mm Bolts Only | | ● |
| M931100085 | 100 | 10 x 85mm Bolts Only | | |
| M933100090 | 100 | 10 x 90mm Set Screws | ● | |
| M931100090 | 100 | 10 x 90mm Bolts Only | | ● |
| M933100100 | 100 | 10 x 100mm Set Screws | ● | ● |
| M931100100 | 100 | 10 x 100mm Bolts Only | | ● |
| M931100110 | 50 | 10 x 110mm Bolts Only | | ● |
| M931100120 | 50 | 10 x 120mm Bolts Only | | ● |
| M931100130 | 50 | 10 x 130mm Bolts Only | | ● |
| M931100140 | 50 | 10 x 140mm Bolts Only | | ● |
| M931100150 | 50 | 10 x 150mm Bolts Only | | ● |
| M931100160 | 25 | 10 x 160mm Bolts Only | | |
| M931100170 | 25 | 10 x 170mm Bolts Only | | |
| M931100180 | 25 | 10 x 180mm Bolts Only | | |
| M931100190 | 25 | 10 x 190mm Bolts Only | | |
| M931100200 | 25 | 10 x 200mm Bolts Only | | |
| M931100220 | 25 | 10 x 220mm Bolts Only | | |

| 12 x 1.75 ISO | | | | |
|---------------|---------|----------------------|---|---|
| M933120020 | 100 qty | 12 x 20mm Set Screws | ● | ● |
| M933120025 | 100 | 12 x 25mm Set Screws | ● | ● |
| M933120030 | 100 | 12 x 30mm Set Screws | ● | ● |
| M933120035 | 100 | 12 x 35mm Set Screws | ● | ● |
| M933120040 | 100 | 12 x 40mm Set Screws | ● | ● |
| M931120040 | 100 | 12 x 40mm Bolts Only | | ● |
| M933120045 | 100 | 12 x 45mm Set Screws | ● | ● |
| M931120045 | 100 | 12 x 45mm Bolts Only | | ● |
| M933120050 | 100 | 12 x 50mm Set Screws | ● | ● |
| M931120050 | 100 | 12 x 50mm Bolts Only | | ● |
| M933120055 | 100 | 12 x 55mm Set Screws | ● | |
| M931120055 | 100 | 12 x 55mm Bolts Only | | |
| M933120060 | 100 | 12 x 60mm Set Screws | ● | ● |
| M931120060 | 50 | 12 x 60mm Bolts Only | | ● |
| M933120065 | 50 | 12 x 65mm Set Screws | ● | ● |
| M931120065 | 50 | 12 x 65mm Bolts Only | | ● |
| M933120070 | 50 | 12 x 70mm Set Screws | ● | ● |
| M931120070 | 50 | 12 x 70mm Bolts Only | | ● |
| M933120075 | 50 | 12 x 75mm Set Screws | ● | ● |
| M931120075 | 50 | 12 x 75mm Bolts Only | | ● |
| M933120080 | 50 | 12 x 80mm Set Screws | ● | ● |
| M931120080 | 50 | 12 x 80mm Bolts Only | | ● |

METRIC, HIGH TENSILE, GR8.8 BOLTS & SET SCREWS

GRADE 8.8, HIGH TENSILE A.S. 1100 – **DIN 931 & 933**

- FULLY THREADED
- ZINC PLATED



12 x 1.75 ISO *Continued*

| | | | | |
|------------|--------|-----------------------|---|---|
| M933120090 | 50 qty | 12 x 90mm Set Screws | ● | |
| M931120090 | 50 | 12 x 90mm Bolts Only | | ● |
| M933120100 | 50 | 12 x 100mm Set Screws | ● | ● |
| M931120100 | 50 | 12 x 100mm Bolts Only | | ● |
| M931120110 | 50 | 12 x 110mm Bolts Only | | ● |
| M933120120 | 50 | 12 x 120mm Set Screws | ● | |
| M931120120 | 50 | 12 x 120mm Bolts Only | | ● |
| M933120130 | 50 | 12 x 130mm Set Screws | ● | |
| M931120130 | 50 | 12 x 130mm Bolts Only | | ● |
| M931120140 | 50 | 12 x 140mm Bolts Only | | ● |
| M931120150 | 50 | 12 x 150mm Bolts Only | | ● |
| M931120160 | 25 | 12 x 160mm Bolts Only | | |
| M931120170 | 25 | 12 x 170mm Bolts Only | | |
| M931120180 | 25 | 12 x 180mm Bolts Only | | |
| M931120190 | 25 | 12 x 190mm Bolts Only | | |
| M931120200 | 25 | 12 x 200mm Bolts Only | | |
| M931120220 | 25 | 12 x 220mm Bolts Only | | |

14 x 2.00 ISO

| | | | | |
|------------|---------|-----------------------|---|--|
| M933140020 | 100 qty | 14 x 20mm Set Screws | ● | |
| M933140025 | 100 | 14 x 25mm Set Screws | ● | |
| M933140030 | 100 | 14 x 30mm Set Screws | ● | |
| M933140035 | 100 | 14 x 35mm Set Screws | ● | |
| M933140040 | 100 | 14 x 40mm Set Screws | ● | |
| M933140045 | 50 | 14 x 45mm Set Screws | ● | |
| M933140050 | 50 | 14 x 50mm Set Screws | ● | |
| M931140050 | 50 | 14 x 50mm Bolts Only | | |
| M933140055 | 50 | 14 x 55mm Set Screws | ● | |
| M933140060 | 50 | 14 x 60mm Set Screws | ● | |
| M931140060 | 50 | 14 x 60mm Bolts Only | | |
| M931140065 | 50 | 14 x 65mm Bolts Only | | |
| M933140075 | 50 | 14 x 75mm Set Screws | ● | |
| M931140075 | 50 | 14 x 75mm Bolts Only | | |
| M933140080 | 50 | 14 x 80mm Set Screws | ● | |
| M931140080 | 50 | 14 x 80mm Bolts Only | | |
| M931140090 | 50 | 14 x 90mm Bolts Only | | |
| M933140100 | 50 | 14 x 100mm Set Screws | ● | |
| M931140100 | 50 | 14 x 100mm Bolts Only | | |
| M931140120 | 50 | 14 x 120mm Bolts Only | | |
| M931140130 | 50 | 14 x 130mm Bolts Only | | |
| M931140140 | 25 | 14 x 140mm Bolts Only | | |
| M931140150 | 25 | 14 x 150mm Bolts Only | | |
| M931140160 | 25 | 14 x 160mm Bolts Only | | |
| M931140180 | 25 | 14 x 180mm Bolts Only | | |
| M931140200 | 25 | 14 x 200mm Bolts Only | | |
| M931140220 | 25 | 14 x 220mm Bolts Only | | |
| M931140240 | 25 | 14 x 240mm Bolts Only | | |
| M931140260 | 25 | 14 x 260mm Bolts Only | | |

16 x 2.00 ISO

| | | | | |
|------------|--------|-----------------------|---|--|
| M933160025 | 50 qty | 16 x 25mm Set Screws | ● | |
| M933160030 | 50 | 16 x 30mm Set Screws | ● | |
| M933160035 | 50 | 16 x 35mm Set Screws | ● | |
| M933160040 | 50 | 16 x 40mm Set Screws | ● | |
| M933160045 | 50 | 16 x 45mm Set Screws | ● | |
| M933160050 | 50 | 16 x 50mm Set Screws | ● | |
| M933160055 | 50 | 16 x 55mm Set Screws | ● | |
| M931160055 | 50 | 16 x 55mm Bolts Only | | |
| M933160060 | 50 | 16 x 60mm Set Screws | ● | |
| M931160060 | 50 | 16 x 60mm Bolts Only | | |
| M933160065 | 25 | 16 x 65mm Set Screws | ● | |
| M931160065 | 25 | 16 x 65mm Bolts Only | | |
| M933160070 | 25 | 16 x 70mm Set Screws | ● | |
| M931160070 | 25 | 16 x 70mm Bolts Only | | |
| M933160075 | 25 | 16 x 75mm Set Screws | ● | |
| M931160075 | 25 | 16 x 75mm Bolts Only | | |
| M933160080 | 25 | 16 x 80mm Set Screws | ● | |
| M931160080 | 25 | 16 x 80mm Bolts Only | | |
| M931160085 | 25 | 16 x 85mm Bolts Only | | |
| M933160090 | 25 | 16 x 90mm Set Screws | ● | |
| M931160090 | 25 | 16 x 90mm Bolts Only | | |
| M933160100 | 25 | 16 x 100mm Set Screws | ● | |
| M931160100 | 25 | 16 x 100mm Bolts Only | | |
| M931160110 | 25 | 16 x 110mm Bolts Only | | |
| M931160120 | 25 | 16 x 120mm Bolts Only | | |
| M931160130 | 25 | 16 x 130mm Bolts Only | | |
| M931160140 | 25 | 16 x 140mm Bolts Only | | |
| M931160150 | 25 | 16 x 150mm Bolts Only | | |
| M931160160 | 10 | 16 x 160mm Bolts Only | | |
| M931160170 | 10 | 16 x 170mm Bolts Only | | |
| M931160180 | 10 | 16 x 180mm Bolts Only | | |
| M931160190 | 5 | 16 x 190mm Bolts Only | | |
| M931160200 | 5 | 16 x 200mm Bolts Only | | |
| M931160220 | 5 | 16 x 220mm Bolts Only | | |
| M931160240 | 5 | 16 x 240mm Bolts Only | | |
| M931160260 | 5 | 16 x 260mm Bolts Only | | |
| M931160280 | 5 | 16 x 280mm Bolts Only | | |
| M931160300 | 5 | 16 x 300mm Bolts Only | | |

18 x 2.5 ISO

| | | | | |
|------------|--------|----------------------|---|--|
| M933180040 | 50 qty | 18 x 40mm Set Screws | ● | |
| M933180050 | 50 | 18 x 50mm Set Screws | ● | |
| M933180060 | 25 | 18 x 60mm Set Screws | ● | |
| M931180060 | 25 | 18 x 60mm Bolts Only | | |
| M931180070 | 25 | 18 x 70mm Bolts Only | | |
| M933180075 | 25 | 18 x 75mm Set Screws | ● | |
| M931180075 | 25 | 18 x 75mm Bolts Only | | |
| M931180080 | 25 | 18 x 80mm Bolts Only | | |

METRIC, HIGH TENSILE, GR8.8 BOLTS & SET SCREWS

GRADE 8.8, HIGH TENSILE A.S. 1100 – DIN 931 & 933

- FULLY THREADED
- ZINC PLATED



18 x 2.5 ISO *Continued*

| | | | |
|------------|--------|-----------------------|---|
| M933180090 | 25 qty | 18 x 90mm Set Screws | ● |
| M933180090 | 25 | 18 x 90mm Bolts Only | |
| M933180100 | 25 | 18 x 100mm Set Screws | ● |
| M933180100 | 25 | 18 x 100mm Bolts Only | |
| M933180110 | 25 | 18 x 110mm Bolts Only | |
| M933180120 | 25 | 18 x 120mm Bolts Only | |
| M933180140 | 25 | 18 x 140mm Bolts Only | |
| M933180150 | 25 | 18 x 150mm Bolts Only | |

20 x 2.5 ISO

| | | | |
|------------|--------|-----------------------|---|
| M933200035 | 25 qty | 20 x 35mm Set Screws | ● |
| M933200040 | 25 | 20 x 40mm Set Screws | ● |
| M933200045 | 25 | 20 x 45mm Set Screws | ● |
| M933200050 | 25 | 20 x 50mm Set Screws | ● |
| M933200055 | 25 | 20 x 55mm Set Screws | ● |
| M933200060 | 25 | 20 x 60mm Set Screws | ● |
| M933200065 | 25 | 20 x 65mm Set Screws | ● |
| M933200065 | 25 | 20 x 65mm Bolts Only | |
| M933200070 | 25 | 20 x 70mm Set Screws | ● |
| M933200070 | 25 | 20 x 70mm Bolts Only | |
| M933200075 | 25 | 20 x 75mm Set Screws | ● |
| M933200075 | 25 | 20 x 75mm Bolts Only | |
| M933200080 | 25 | 20 x 80mm Set Screws | ● |
| M933200080 | 25 | 20 x 80mm Bolts Only | |
| M933200090 | 25 | 20 x 90mm Set Screws | ● |
| M933200090 | 25 | 20 x 90mm Bolts Only | |
| M933200100 | 25 | 20 x 100mm Set Screws | ● |
| M933200100 | 25 | 20 x 100mm Bolts Only | |
| M933200120 | 25 | 20 x 120mm Bolts Only | |
| M933200130 | 25 | 20 x 130mm Bolts Only | |
| M933200140 | 25 | 20 x 140mm Bolts Only | |
| M933200150 | 25 | 20 x 150mm Bolts Only | |
| M933200160 | 25 | 20 x 160mm Bolts Only | |
| M933200180 | 25 | 20 x 180mm Bolts Only | |
| M933200200 | 10 | 20 x 200mm Set Screws | ● |

22 x 2.5 ISO

| | | | |
|------------|--------|-----------------------|---|
| M933220040 | 25 qty | 22 x 40mm Set Screws | ● |
| M933220050 | 25 | 22 x 50mm Set Screws | ● |
| M933220055 | 25 | 22 x 55mm Set Screws | ● |
| M933220060 | 25 | 22 x 60mm Set Screws | ● |
| M933220065 | 25 | 22 x 65mm Set Screws | ● |
| M933220070 | 25 | 22 x 70mm Set Screws | ● |
| M933220070 | 25 | 22 x 70mm Bolts Only | |
| M933220080 | 25 | 22 x 80mm Set Screws | ● |
| M933220080 | 25 | 22 x 80mm Bolts Only | |
| M933220090 | 25 | 22 x 90mm Bolts Only | |
| M933220100 | 10 | 22 x 100mm Set Screws | ● |
| M933220100 | 10 | 22 x 100mm Bolts Only | |
| M933220120 | 10 | 22 x 120mm Bolts Only | |
| M933220130 | 10 | 22 x 130mm Bolts Only | |
| M933220150 | 10 | 22 x 150mm Bolts Only | |

24 x 3.00 ISO

| | | | |
|------------|--------|-----------------------|---|
| M933240040 | 25 qty | 24 x 40mm Set Screws | ● |
| M933240050 | 25 | 24 x 50mm Set Screws | ● |
| M933240060 | 25 | 24 x 60mm Set Screws | ● |
| M933240065 | 25 | 24 x 65mm Set Screws | ● |
| M933240070 | 25 | 24 x 70mm Set Screws | ● |
| M933240075 | 25 | 24 x 75mm Set Screws | ● |
| M933240075 | 25 | 24 x 75mm Bolts Only | |
| M933240080 | 25 | 24 x 80mm Set Screws | ● |
| M933240080 | 25 | 24 x 80mm Bolts Only | |
| M933240090 | 25 | 24 x 90mm Bolts Only | |
| M933240100 | 10 | 24 x 100mm Set Screws | ● |
| M933240100 | 10 | 24 x 100mm Bolts Only | |
| M933240110 | 10 | 24 x 110mm Bolts Only | |
| M933240120 | 10 | 24 x 120mm Bolts Only | |
| M933240130 | 10 | 24 x 130mm Set Screws | ● |
| M933240130 | 10 | 24 x 130mm Bolts Only | |
| M933240150 | 10 | 24 x 150mm Set Screws | ● |
| M933240150 | 10 | 24 x 150mm Bolts Only | |
| M933240160 | 10 | 24 x 160mm Bolts Only | |
| M933240170 | 10 | 24 x 170mm Set Screws | ● |
| M933240170 | 10 | 24 x 170mm Bolts Only | |
| M933240180 | 10 | 24 x 180mm Bolts Only | |
| M933240200 | 10 | 24 x 200mm Set Screws | ● |
| M933240200 | 10 | 24 x 200mm Bolts Only | |

HEX FLANGE BOLTS

| | | | | |
|----------------|---------|-------------------------|---|---|
| M93305016FB | 200 qty | 5 x 16mm – 8AF | ● | ● |
| M93305025FB | 200 | 5 x 25mm – 8AF | ● | ● |
| M933060016FB | 200 | 6 x 16mm – 10AF | ● | ● |
| M933060020FB | 200 | 6 x 20mm – 10AF | ● | ● |
| M933060025FB | 200 | 6 x 25mm – 10AF | ● | ● |
| M933060030FB | 200 | 6 x 30mm – 10AF | ● | ● |
| M933060040FB | 200 | 6 x 40mm – 10AF | ● | ● |
| M933080016FB | 200 | 8 x 16mm – 12AF | ● | ● |
| M933080020FB | 200 | 8 x 20mm – 12AF | ● | ● |
| M933080025FB | 200 | 8 x 25mm – 12AF | ● | ● |
| M933080030FB | 200 | 8 x 30mm – 12AF | ● | ● |
| M933080040FB | 200 | 8 x 40mm – 12AF | ● | ● |
| M933080050FB | 200 | 8 x 50mm – 12AF | ● | ● |
| 961125100025FB | 200 | 10 x 25 x 1.25mm – 14AF | ● | ● |
| 961125100035FB | 200 | 10 x 35 x 1.25mm – 14AF | ● | ● |
| 961125100040FB | 200 | 10 x 40 x 1.25mm – 14AF | ● | ● |
| 961125100050FB | 200 | 10 x 50 x 1.25mm – 14AF | ● | ● |

STANDARD
PACKS

METRIC, HIGH TENSILE, GR8.8 BOLTS & SET SCREWS

GRADE 8.8, HIGH TENSILE A.S. 1100 – DIN 960 & 961

- FULLY THREADED
- ZINC PLATED



| 8 x 1.00 FINE | | | | |
|---------------|---------|-----------------------------|---|---|
| 961100080016 | 200 qty | 8 x 16 x 1.00mm Set Screws | ● | |
| 961100080020 | 200 | 8 x 20 x 1.00mm Set Screws | ● | |
| 961100080025 | 200 | 8 x 25 x 1.00mm Set Screws | ● | |
| 961100080030 | 200 | 8 x 30 x 1.00mm Set Screws | ● | |
| 961100080035 | 200 | 8 x 35 x 1.00mm Set Screws | ● | ● |
| 961100080040 | 200 | 8 x 40 x 1.00mm Set Screws | ● | |
| 961100080045 | 100 | 8 x 45 x 1.00mm Set Screws | ● | |
| 961100080050 | 100 | 8 x 50 x 1.00mm Set Screws | ● | |
| 960100080050 | 100 | 8 x 50 x 1.00mm Bolts Only | | ● |
| 960100080060 | 100 | 8 x 60 x 1.00mm Bolts Only | | |
| 960100080070 | 100 | 8 x 70 x 1.00mm Bolts Only | | |
| 960100080080 | 100 | 8 x 80 x 1.00mm Bolts Only | | |
| 960100080100 | 100 | 8 x 100 x 1.00mm Bolts Only | | |
| 960100080110 | 100 | 8 x 110 x 1.00mm Bolts Only | | |
| 960100080120 | 100 | 8 x 120 x 1.00mm Bolts Only | | |

| 10 x 1.00 FINE | | | | |
|----------------|---------|-----------------------------|---|---|
| 961100100020 | 200 qty | 10 x 20 x 1.00mm Set Screws | ● | ● |
| 961100100025 | 200 | 10 x 25 x 1.00mm Set Screws | ● | ● |
| 961100100030 | 200 | 10 x 30 x 1.00mm Set Screws | ● | ● |
| 961100100035 | 100 | 10 x 35 x 1.00mm Set Screws | ● | ● |
| 961100100040 | 100 | 10 x 40 x 1.00mm Set Screws | ● | ● |
| 961100100050 | 100 | 10 x 50 x 1.00mm Set Screws | ● | ● |
| 960100100050 | 100 | 10 x 50 x 1.00 Bolts Only | | |
| 960100100060 | 100 | 10 x 60 x 1.00 Bolts Only | | |
| 960100100070 | 100 | 10 x 70 x 1.00 Bolts Only | | |
| 960100100080 | 100 | 10 x 80 x 1.00 Bolts Only | | |
| 960100100100 | 100 | 10 x 100 x 1.00 Bolts Only | | |

| 10 x 1.25 FINE | | | | |
|----------------|---------|-----------------------------|---|---|
| 961125100020 | 200 qty | 10 x 20 x 1.25mm Set Screws | ● | |
| 961125100025 | 200 | 10 x 25 x 1.25mm Set Screws | ● | ● |
| 961125100030 | 200 | 10 x 30 x 1.25mm Set Screws | ● | ● |
| 961125100035 | 100 | 10 x 35 x 1.25mm Set Screws | ● | ● |
| 961125100040 | 100 | 10 x 40 x 1.25mm Set Screws | ● | ● |
| 960125100040 | 100 | 10 x 40 x 1.25mm Bolts Only | | |
| 961125100045 | 100 | 10 x 45 x 1.25mm Set Screws | ● | ● |
| 960125100045 | 100 | 10 x 45 x 1.25mm Bolts Only | | |
| 961125100050 | 100 | 10 x 50 x 1.25mm Set Screws | ● | ● |
| 960125100050 | 100 | 10 x 50 x 1.25mm Bolts Only | | ● |
| 960125100055 | 100 | 10 x 55 x 1.25mm Bolts Only | | |
| 960125100060 | 100 | 10 x 60 x 1.25mm Bolts Only | | ● |
| 961125100065 | 50 | 10 x 65 x 1.25mm Set Screws | ● | |
| 960125100065 | 50 | 10 x 65 x 1.25mm Bolts Only | | |
| 961125100070 | 50 | 10 x 70 x 1.25mm Set Screws | ● | |
| 960125100070 | 50 | 10 x 70 x 1.25mm Bolts Only | | ● |
| 961125100075 | 50 | 10 x 75 x 1.25mm Set Screws | ● | |
| 960125100075 | 50 | 10 x 75 x 1.25mm Bolts Only | | |

| 10 x 1.25 FINE <i>Continued</i> | | | | |
|---------------------------------|--------|------------------------------|---|---|
| 960125100080 | 50 qty | 10 x 80 x 1.25mm Bolts Only | | ● |
| 960125100090 | 50 | 10 x 90 x 1.25mm Bolts Only | | ● |
| 961125100100 | 50 | 10 x 100 x 1.25mm Set Screws | ● | |
| 960125100100 | 50 | 10 x 100 x 1.25mm Bolts Only | | ● |
| 960125100110 | 50 | 10 x 110 x 1.25mm Bolts Only | | |
| 960125100120 | 50 | 10 x 120 x 1.25mm Bolts Only | | |
| 960125100130 | 50 | 10 x 130 x 1.25mm Bolts Only | | |
| 960125100140 | 50 | 10 x 140 x 1.25mm Bolts Only | | |
| 960125100150 | 50 | 10 x 150 x 1.25mm Bolts Only | | |
| 960125100160 | 25 | 10 x 160 x 1.25mm Bolts Only | | |
| 960125100180 | 25 | 10 x 180 x 1.25mm Bolts Only | | |
| 960125100200 | 25 | 10 x 200 x 1.25mm Bolts Only | | |
| 960125100220 | 25 | 10 x 220 x 1.25mm Bolts Only | | |

| 12 x 1.25 FINE | | | | |
|----------------|---------|------------------------------|---|---|
| 961125120020 | 100 qty | 12 x 20 x 1.25mm Set Screws | ● | ● |
| 961125120025 | 100 | 12 x 25 x 1.25mm Set Screws | ● | ● |
| 961125120030 | 100 | 12 x 30 x 1.25mm Set Screws | ● | ● |
| 961125120035 | 100 | 12 x 35 x 1.25mm Set Screws | ● | ● |
| 961125120040 | 100 | 12 x 40 x 1.25mm Set Screws | ● | ● |
| 961125120045 | 100 | 12 x 45 x 1.25mm Set Screws | ● | ● |
| 961125120050 | 100 | 12 x 50 x 1.25mm Set Screws | ● | ● |
| 960125120050 | 50 | 12 x 50 x 1.25mm Bolts Only | | ● |
| 960125120055 | 50 | 12 x 55 x 1.25mm Bolts Only | | |
| 961125120060 | 100 | 12 x 60 x 1.25mm Set Screws | ● | ● |
| 960125120060 | 50 | 12 x 60 x 1.25mm Bolts Only | | ● |
| 960125120065 | 50 | 12 x 65 x 1.25mm Bolts Only | | |
| 960125120070 | 50 | 12 x 70 x 1.25mm Bolts Only | | ● |
| 960125120075 | 50 | 12 x 75 x 1.25mm Bolts Only | | ● |
| 960125120080 | 50 | 12 x 80 x 1.25mm Bolts Only | | ● |
| 960125120090 | 50 | 12 x 90 x 1.25mm Bolts Only | | ● |
| 961125120100 | 50 | 12 x 100 x 1.25mm Set Screws | ● | |
| 960125120100 | 50 | 12 x 100 x 1.25mm Bolts Only | | ● |
| 960125120120 | 50 | 12 x 120 x 1.25mm Bolts Only | | |
| 960125120150 | 50 | 12 x 150 x 1.25mm Bolts Only | | |

| 12 x 1.5 FINE | | | | |
|---------------|---------|----------------------------|---|---|
| 961150120020 | 100 qty | 12 x 20 x 1.5mm Set Screws | ● | |
| 961150120025 | 100 | 12 x 25 x 1.5mm Set Screws | ● | |
| 961150120030 | 100 | 12 x 30 x 1.5mm Set Screws | ● | ● |
| 961150120035 | 100 | 12 x 35 x 1.5mm Set Screws | ● | ● |
| 961150120040 | 100 | 12 x 40 x 1.5mm Set Screws | ● | |
| 960150120040 | 100 | 12 x 40 x 1.5mm Bolts Only | | ● |
| 961150120045 | 100 | 12 x 45 x 1.5mm Set Screws | ● | ● |
| 960150120045 | 100 | 12 x 45 x 1.5mm Bolts Only | | |
| 961150120050 | 100 | 12 x 50 x 1.5mm Set Screws | ● | ● |
| 960150120050 | 100 | 12 x 50 x 1.5mm Bolts Only | | ● |
| 961150120055 | 100 | 12 x 55 x 1.5mm Set Screws | ● | |
| 960150120055 | 100 | 12 x 55 x 1.5mm Bolts Only | | |

METRIC, HIGH TENSILE, GR8.8 BOLTS & SET SCREWS

GRADE 8.8, HIGH TENSILE A.S. 1100 – DIN 960 & 961

- FULLY THREADED
- ZINC PLATED



12 x 1.5 FINE *Continued*

| | | | |
|--------------|---------|-----------------------------|---|
| 960150120060 | 100 qty | 12 x 60 x 1.5mm Bolts Only | ● |
| 960150120065 | 50 | 12 x 65 x 1.5mm Bolts Only | |
| 960150120070 | 50 | 12 x 70 x 1.5mm Bolts Only | |
| 960150120075 | 50 | 12 x 75 x 1.5mm Bolts Only | ● |
| 961150120100 | 50 | 12 x 100 x 1.5mm Set Screws | ● |
| 960150120100 | 50 | 12 x 100 x 1.5mm Bolts Only | |
| 960150120120 | 50 | 12 x 120 x 1.5mm Bolts Only | |
| 960150120150 | 50 | 12 x 150 x 1.5mm Bolts Only | |

14 x 1.5 FINE

| | | | |
|--------------|---------|-----------------------------|---|
| 961150140025 | 100 qty | 14 x 25 x 1.5mm Set Screws | ● |
| 961150140030 | 100 | 14 x 30 x 1.5mm Set Screws | ● |
| 961150140035 | 100 | 14 x 35 x 1.5mm Set Screws | ● |
| 961150140040 | 100 | 14 x 40 x 1.5mm Set Screws | ● |
| 961150140045 | 50 | 14 x 45 x 1.5mm Set Screws | ● |
| 961150140050 | 50 | 14 x 50 x 1.5mm Set Screws | ● |
| 960150140050 | 50 | 14 x 50 x 1.5mm Bolts Only | |
| 961150140060 | 50 | 14 x 60 x 1.5mm Set Screws | ● |
| 960150140060 | 50 | 14 x 60 x 1.5mm Bolts Only | |
| 960150140070 | 50 | 14 x 70 x 1.5mm Bolts Only | |
| 960150140075 | 50 | 14 x 75 x 1.5mm Bolts Only | |
| 960150140080 | 50 | 14 x 80 x 1.5mm Bolts Only | |
| 960150140090 | 50 | 14 x 90 x 1.5mm Bolts Only | |
| 961150140100 | 50 | 14 x 100 x 1.5mm Set Screws | ● |
| 960150140100 | 50 | 14 x 100 x 1.5mm Bolts Only | |
| 960150140120 | 50 | 14 x 120 x 1.5mm Bolts Only | |
| 960150140150 | 50 | 14 x 150 x 1.5mm Bolts Only | |

16 x 1.5 FINE

| | | | |
|--------------|--------|-----------------------------|---|
| 961150160025 | 50 qty | 16 x 25 x 1.5mm Set Screws | ● |
| 961150160030 | 50 | 16 x 30 x 1.5mm Set Screws | ● |
| 961150160035 | 50 | 16 x 35 x 1.5mm Set Screws | ● |
| 961150160040 | 50 | 16 x 40 x 1.5mm Set Screws | ● |
| 961150160045 | 50 | 16 x 45 x 1.5mm Set Screws | ● |
| 961150160050 | 50 | 16 x 50 x 1.5mm Set Screws | ● |
| 960150160050 | 50 | 16 x 50 x 1.5mm Bolts Only | |
| 961150160060 | 50 | 16 x 60 x 1.5mm Set Screws | ● |
| 960150160060 | 50 | 16 x 60 x 1.5mm Bolts Only | |
| 961150160065 | 25 | 16 x 65 x 1.5mm Set Screws | ● |
| 960150160065 | 25 | 16 x 65 x 1.5mm Bolts Only | |
| 960150160070 | 25 | 16 x 70 x 1.5mm Bolts Only | |
| 960150160080 | 25 | 16 x 80 x 1.5mm Bolts Only | |
| 960150160090 | 25 | 16 x 90 x 1.5mm Bolts Only | |
| 960150160100 | 25 | 16 x 100 x 1.5mm Bolts Only | |
| 960150160120 | 25 | 16 x 120 x 1.5mm Bolts Only | |
| 960150160150 | 25 | 16 x 150 x 1.5mm Bolts Only | |

18 x 1.5 FINE

| | | | |
|--------------|--------|-----------------------------|---|
| 961150180025 | 50 qty | 18 x 25 x 1.5mm Set Screws | ● |
| 961150180030 | 50 | 18 x 30 x 1.5mm Set Screws | ● |
| 961150180035 | 50 | 18 x 35 x 1.5mm Set Screws | ● |
| 961150180040 | 50 | 18 x 40 x 1.5mm Set Screws | ● |
| 961150180045 | 50 | 18 x 45 x 1.5mm Set Screws | ● |
| 961150180050 | 50 | 18 x 50 x 1.5mm Set Screws | ● |
| 961150180060 | 50 | 18 x 60 x 1.5mm Set Screws | ● |
| 960150180060 | 50 | 18 x 60 x 1.5mm Bolts Only | |
| 960150180065 | 25 | 18 x 65 x 1.5mm Bolts Only | |
| 960150180070 | 25 | 18 x 70 x 1.5mm Bolts Only | |
| 960150180080 | 25 | 18 x 80 x 1.5mm Bolts Only | |
| 960150180100 | 25 | 18 x 100 x 1.5mm Bolts Only | |
| 960150180120 | 25 | 18 x 120 x 1.5mm Bolts Only | |

20 x 1.5 FINE

| | | | |
|--------------|--------|-----------------------------|---|
| 961150200050 | 25 qty | 20 x 50 x 1.5mm Set Screws | ● |
| 961150200060 | 25 | 20 x 60 x 1.5mm Set Screws | ● |
| 960150200060 | 25 | 20 x 60 x 1.5mm Bolts Only | |
| 960150200070 | 25 | 20 x 70 x 1.5mm Bolts Only | |
| 961150200080 | 25 | 20 x 80 x 1.5mm Set Screws | ● |
| 960150200080 | 25 | 20 x 80 x 1.5mm Bolts Only | |
| 961150200100 | 25 | 20 x 100 x 1.5mm Set Screws | ● |
| 960150200100 | 25 | 20 x 100 x 1.5mm Bolts Only | |
| 961150200120 | 25 | 20 x 120 x 1.5mm Set Screws | ● |
| 960150200120 | 25 | 20 x 120 x 1.5mm Bolts Only | |

22 x 1.5 FINE

| | | | |
|--------------|--------|-----------------------------|---|
| 961150220060 | 10 qty | 22 x 60 x 1.5mm Set Screws | ● |
| 960150220100 | 10 | 22 x 100 x 1.5mm Bolts Only | |
| 960150220120 | 10 | 22 x 120 x 1.5mm Bolts Only | |

24 x 1.5 FINE

| | | | |
|--------------|--------|-----------------------------|---|
| 961150240060 | 25 qty | 24 x 60 x 1.5mm Set Screws | ● |
| 960150240060 | 25 | 24 x 60 x 1.5mm Bolts Only | |
| 961150240080 | 10 | 24 x 80 x 1.5mm Set Screws | ● |
| 960150240080 | 10 | 24 x 80 x 1.5mm Bolts Only | |
| 960150240120 | 5 | 24 x 120 x 1.5mm Bolts Only | |

24 x 2.00 FINE

| | | | |
|--------------|--------|------------------------------|---|
| 960200240080 | 25 qty | 24 x 80 x 2.00mm Bolts Only | ● |
| 960200240100 | 10 | 24 x 100 x 2.00mm Bolts Only | |
| 960200240120 | 10 | 24 x 120 x 2.00mm Bolts Only | |

METRIC, HIGH TENSILE, HEX NUTS & SOCKET SET CAP SCREWS

HEX PLAIN NUTS A.S. 1112 – **DIN 934**, CLASS 8.

HEX FLANGE NUTS – **DIN 6923**, CLASS 8 (Serrated)





● ZINC PLATED

● PLAIN FINISH

NYLON INSERT SELF-LOCKING NUTS – **DIN 985**

SOCKET SET CAP SCREWS – **DIN 912** (Available in 8.8/12.9)





HEX PLAIN NUTS

| | | | | |
|----------------|---------|------------------|---|-------------------------------------------------------------------------------------|
| M93403005 | 200 qty | 3 x 0.5mm | ● |  |
| M93404007 | 200 | 4 x 0.7mm | ● | |
| M93405008 | 200 | 5 x 0.8mm | ● | |
| M93405009 | 200 | 5 x 0.9mm | ● | |
| M93406100 | 200 | 6 x 1.00mm | ● | |
| M93407100 | 200 | 7 x 1.00mm | ● | |
| M93408100 | 200 | 8 x 1.00mm | ● | |
| M93408125 | 200 | 8 x 1.25mm | ● | |
| M93408125-12AF | 200 | 8 x 1.25mm 12AF | ● | |
| M93410100 | 200 | 10 x 1.00mm | ● | |
| M93410125 | 200 | 10 x 1.25mm | ● |  |
| M93410125-14AF | 200 | 10 x 1.25mm 14AF | ● | |
| M93410150 | 200 | 10 x 1.5mm | ● | |
| M93412125 | 100 | 12 x 1.25mm | ● | |
| M93412150 | 100 | 12 x 1.5mm | ● | |
| M93412175 | 100 | 12 x 1.75mm | ● | |
| M93414150 | 100 | 14 x 1.5mm | ● | |
| M93414200 | 100 | 14 x 2.00mm | ● | |
| M93416150 | 50 | 16 x 1.5mm | ● | |
| M93416200 | 50 | 16 x 2.00mm | ● | |
| M93418150 | 50 | 18 x 1.5mm | ● |  |
| M93418250 | 50 | 18 x 2.5mm | ● | |
| M93420150 | 50 | 20 x 1.5mm | ● | |
| M93420200 | 50 | 20 x 2.0mm | ● | |
| M93420250 | 50 | 20 x 2.5mm | ● | |
| M93422150 | 50 | 22 x 1.5mm | ● | |
| M93422250 | 50 | 22 x 2.5mm | ● | |
| M93424150 | 50 | 24 x 1.5mm | ● | |
| M93424200 | 50 | 24 x 2.0mm | ● | |
| M93424300 | 50 | 24 x 3.0mm | ● | |
| M93427300 | 50 | 27 x 3.0mm | ● |  |
| M93430150 | 50 | 30 x 1.5mm | ● | |
| M93430350 | 50 | 30 x 3.5mm | ● | |
| M93433350 | 50 | 33 x 3.5mm | ● | |
| M93436400 | 25 | 36 x 4.0mm | ● | |
| M93439400 | 15 | 39 x 4.0mm | ● | |
| M93442450 | 10 | 42 x 4.5mm | ● | |
| M93448500 | 10 | 48 x 5.0mm | ● | |

NYLON INSERT SELF-LOCKING NUTS

| | | | | |
|-----------|---------|-----------------|---|-------------------------------------------------------------------------------------|
| M98503005 | 100 qty | 3 x 0.5mm ISO | ● |  |
| M98504007 | 100 | 4 x 0.7mm ISO | ● | |
| M98505008 | 100 | 5 x 0.8mm ISO | ● | |
| M98506100 | 100 | 6 x 1.00mm ISO | ● | |
| M98507100 | 100 | 7 x 1.00mm ISO | ● |  |
| M98508100 | 100 | 8 x 1.00mm FINE | ● | |
| M98508125 | 100 | 8 x 1.25mm ISO | ● | |

NYLON INSERT SELF-LOCKING NUTS *Continued*

| | | | | |
|-----------|---------|------------------|---|-------------------------------------------------------------------------------------|
| M98510150 | 100 qty | 10 x 1.5mm ISO | ● |  |
| M98512125 | 100 | 12 x 1.25mm FINE | ● | |
| M98512150 | 100 | 12 x 1.5mm FINE | ● | |
| M98512175 | 100 | 12 x 1.75mm ISO | ● | |
| M98514150 | 100 | 14 x 1.5mm FINE | ● |  |
| M98514200 | 100 | 14 x 2.00mm ISO | ● | |
| M98516150 | 100 | 16 x 1.5mm FINE | ● | |
| M98516200 | 100 | 16 x 2.00mm ISO | ● | |
| M98518150 | 50 | 18 x 1.5mm FINE | ● |  |
| M98518250 | 50 | 18 x 2.5mm ISO | ● | |
| M98520150 | 50 | 20 x 1.5mm FINE | ● | |
| M98520250 | 50 | 20 x 2.5mm ISO | ● | |
| M98522250 | 25 | 22 x 2.5mm ISO | ● |  |
| M98524150 | 25 | 24 x 1.50mm FINE | ● | |
| M98524200 | 25 | 24 x 2.00mm FINE | ● | |
| M98524300 | 25 | 24 x 3.00mm ISO | ● | |

HEX FLANGE NUTS

| | | | | |
|---------|---------|------------------|---|---------------------------------------------------------------------------------------|
| FN05008 | 200 qty | 5 x 0.8mm ISO | ● |  |
| FN06100 | 200 | 6 x 1.00mm ISO | ● | |
| FN08125 | 200 | 8 x 1.25mm ISO | ● | |
| FN10125 | 200 | 10 x 1.25mm FINE | ● | |
| FN10150 | 200 | 10 x 1.5mm ISO | ● | |
| FN12125 | 200 | 12 x 1.25mm FINE | ● | |
| FN12175 | 200 | 12 x 1.75mm ISO | ● | |

SOCKET HEAD CAP SCREWS


| | | | | | |
|-----------|---------|----------|---|---------------------------------------------------------------------------------------|--|
| M91203006 | 100 qty | 3 x 6mm | ● |  | |
| M91203010 | 100 | 3 x 10mm | ● | | |
| M91203012 | 100 | 3 x 12mm | ● | | |
| M91203016 | 100 | 3 x 16mm | ● | | |
| M91203020 | 100 | 3 x 20mm | ● | | |
| M91203025 | 100 | 3 x 25mm | ● | | |
| M91203030 | 100 | 3 x 30mm | ● | | |
| | | | | | |
| M91204008 | 100 | 4 x 8mm | ● |  | |
| M91204010 | 100 | 4 x 10mm | ● | | |
| M91204012 | 100 | 4 x 12mm | ● | | |
| M91204016 | 100 | 4 x 16mm | ● | | |
| M91204020 | 100 | 4 x 20mm | ● | | |
| M91204025 | 100 | 4 x 25mm | ● | | |
| M91204030 | 100 | 4 x 30mm | ● | | |
| M91204040 | 100 | 4 x 40mm | ● |  | |
| | | | | | |
| M91205010 | 100 | 5 x 10mm | ● | | |
| M91205012 | 100 | 5 x 12mm | ● | | |
| M91205016 | 100 | 5 x 16mm | ● | | |

METRIC, HIGH TENSILE, SOCKET SET CAP SCREWS *Continued*







SOCKET SET CAP SCREWS – **DIN 912** (Available in 8.8/12.9)

- ZINC PLATED
- PLAIN FINISH

SOCKET HEAD CAP SCREWS *Continued*

| | | | | | |
|-----------|---------|-----------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| M91205020 | 100 qty | 5 x 20mm | ● |  | |
| M91205025 | 100 | 5 x 25mm | ● | | |
| M91205030 | 100 | 5 x 30mm | ● | | |
| M91205035 | 100 | 5 x 35mm | ● | | |
| M91205040 | 100 | 5 x 40mm | ● | | |
| M91205050 | 100 | 5 x 50mm | ● | | |
| | | | | | |
| M91206010 | 100 | 6 x 10mm | ● |  | |
| M91206012 | 100 | 6 x 12mm | ● | | |
| M91206016 | 100 | 6 x 16mm | ● | | |
| M91206020 | 100 | 6 x 20mm | ● | | |
| M91206025 | 100 | 6 x 25mm | ● | | |
| M91206030 | 100 | 6 x 30mm | ● | | |
| M91206035 | 100 | 6 x 35mm | ● |  | |
| M91206040 | 100 | 6 x 40mm | ● | | |
| M91206045 | 100 | 6 x 45mm | ● | | |
| M91206050 | 100 | 6 x 50mm | ● | | |
| M91206060 | 100 | 6 x 60mm | ● | | |
| M91206065 | 100 | 6 x 65mm | ● | | |
| M91206070 | 100 | 6 x 70mm | ● |  | |
| M91206080 | 100 | 6 x 80mm | ● | | |
| M91206090 | 100 | 6 x 90mm | ● | | |
| M91206130 | 100 | 6 x 130mm | ● | | |
| | | | | | |
| M91208016 | 100 | 8 x 16mm | ● | |  |
| M91208020 | 100 | 8 x 20mm | ● | | |
| M91208025 | 100 | 8 x 25mm | ● | | |
| M91208030 | 100 | 8 x 30mm | ● | | |
| M91208035 | 100 | 8 x 35mm | ● | | |
| M91208040 | 100 | 8 x 40mm | ● | | |
| M91208045 | 100 | 8 x 45mm | ● |  | |
| M91208050 | 100 | 8 x 50mm | ● | | |
| M91208055 | 100 | 8 x 55mm | ● | | |
| M91208060 | 100 | 8 x 60mm | ● | | |
| M91208065 | 100 | 8 x 65mm | ● | | |
| M91208070 | 100 | 8 x 70mm | ● | | |
| M91208075 | 100 | 8 x 75mm | ● | | |
| M91208080 | 100 | 8 x 80mm | ● | | |
| M91208090 | 100 | 8 x 90mm | ● | | |
| M91208100 | 100 | 8 x 100mm | ● | | |
| | | | | | |
| M91210016 | 100 | 10 x 16mm | ● | | |
| M91210020 | 100 | 10 x 20mm | ● | | |
| M91210025 | 100 | 10 x 25mm | ● | | |
| M91210030 | 100 | 10 x 30mm | ● | | |
| M91210030 | 100 | 10 x 30mm | ● | | |
| M91210035 | 100 | 10 x 35mm | ● | | |

SOCKET HEAD CAP SCREWS *Continued*

| | | | | | |
|------------|---------|------------|---|---------------------------------------------------------------------------------------|--|
| M91210040 | 100 qty | 10 x 40mm | ● |  | |
| M91210045 | 100 | 10 x 45mm | ● | | |
| M91210050 | 100 | 10 x 50mm | ● | | |
| M91210055 | 100 | 10 x 55mm | ● | | |
| M91210060 | 100 | 10 x 60mm | ● | | |
| M91210065 | 100 | 10 x 65mm | ● | | |
| M91210070 | 100 | 10 x 70mm | ● |  | |
| M91210075 | 100 | 10 x 75mm | ● | | |
| M91210080 | 100 | 10 x 80mm | ● | | |
| M91210100 | 100 | 10 x 100mm | ● | | |
| M912100110 | 100 | 10 x 110mm | ● | | |
| M91210120 | 100 | 10 x 120mm | ● | | |
| M912100150 | 100 | 10 x 150mm | ● |  | |
| | | | | | |
| M91212020 | 100 | 12 x 20mm | ● | | |
| M91212025 | 100 | 12 x 25mm | ● | | |
| M91212030 | 100 | 12 x 30mm | ● | | |
| M91212035 | 100 | 12 x 35mm | ● | | |
| M91212040 | 100 | 12 x 40mm | ● |  | |
| M91212045 | 100 | 12 x 45mm | ● | | |
| M91212050 | 100 | 12 x 50mm | ● | | |
| M91212055 | 100 | 12 x 55mm | ● | | |
| M91212060 | 100 | 12 x 60mm | ● | | |
| M91212065 | 100 | 12 x 65mm | ● | | |
| M91212070 | 100 | 12 x 70mm | ● |  | |
| M91212080 | 100 | 12 x 80mm | ● | | |
| M91212090 | 100 | 12 x 90mm | ● | | |
| M912120120 | 100 | 12 x 120mm | ● | | |
| | | | | | |
| M91214040 | 100 | 14 x 40mm | ● | | |
| M91214045 | 100 | 14 x 45mm | ● | | |
| M91214050 | 100 | 14 x 50mm | ● | | |
| M91214060 | 100 | 14 x 60mm | ● | | |
| M91214070 | 100 | 14 x 70mm | ● |  | |
| | | | | | |
| M91216035 | 100 | 16 x 35mm | ● | | |
| M91216050 | 100 | 16 x 50mm | ● | | |
| M91216080 | 100 | 16 x 80mm | ● | | |
| M912160300 | 100 | 16 x 300mm | ● | | |
| | | | | | |
| M91220090 | 100 | 20 x 90mm | ● | | |
| M91220100 | 100 | 20 x 100mm | ● | | |
| | | | | | |
| M91224070 | 100 | 24 x 70mm | ● | | |
| M91224100 | 100 | 24 x 100mm | ● | | |
| | | | | | |

STANDARD
PACKS

IMPERIAL, UNC/UNF, HIGH TENSILE GR5, BOLTS & SET SCREWS

GRADE 5, HIGH TENSILE A.S. 2465 – DIN 931 & 933

- FULLY THREADED
- ZINC PLATED



| 1/4" UNC | | | | |
|-----------|---------|------------------------------|---|---|
| C93304008 | 200 qty | 1/4 x 1/2" UNC Set Screws | ● | ● |
| C93304010 | 200 | 1/4 x 5/8" UNC Set Screws | ● | ● |
| C93304012 | 200 | 1/4 x 3/4" UNC Set Screws | ● | ● |
| C93304016 | 200 | 1/4 x 1" UNC Set Screws | ● | ● |
| C93304020 | 200 | 1/4 x 1-1/4" UNC Set Screws | ● | ● |
| C93104020 | 200 | 1/4 x 1-1/4" UNC Bolts Only | | ● |
| C93304024 | 200 | 1/4 x 1-1/2" UNC Set Screws | ● | ● |
| C93104024 | 200 | 1/4 x 1-1/2" UNC Bolts Only | | ● |
| C93104028 | 200 | 1/4 x 1-3/4" UNC Bolts Only | | |
| C93304032 | 200 | 1/4 x 2" UNC Set Screws | ● | ● |
| C93104032 | 200 | 1/4 x 2" UNC Bolts Only | | ● |
| C93304040 | 200 | 1/4 x 2-1/2" UNC Set Screws | ● | ● |
| C93104040 | 200 | 1/4 x 2-1/2" UNC Bolts Only | | ● |
| C93104048 | 200 | 1/4 x 3" UNC Bolts Only | | ● |
| C93104056 | 200 | 1/4 x 3-1/2" UNC Bolts Only | | ● |
| C93104064 | 200 | 1/4 x 4" UNC Bolts Only | | ● |
| 5/16" UNC | | | | |
| C93305008 | 200 qty | 5/16 x 1/2" UNC Set Screws | ● | |
| C93305012 | 200 | 5/16 x 3/4" UNC Set Screws | ● | ● |
| C93305016 | 200 | 5/16 x 1" UNC Set Screws | ● | ● |
| C93305020 | 200 | 5/16 x 1-1/4" UNC Set Screws | ● | ● |
| C93305024 | 200 | 5/16 x 1-1/2" UNC Set Screws | ● | ● |
| C93105020 | 200 | 5/16 x 1-1/4" UNC Bolts | | ● |
| C93105024 | 200 | 5/16 x 1-1/2" UNC Bolts | | ● |
| C93105028 | 200 | 5/16 x 1-3/4" UNC Bolts | | |
| C93105032 | 200 | 5/16 x 2" UNC Bolts Only | | ● |
| C93105040 | 200 | 5/16 x 2-1/2" UNC Bolts | | ● |
| C93105048 | 100 | 5/16 x 3" UNC Bolts Only | | ● |
| C93105056 | 100 | 5/16 x 3-1/2" UNC Bolts | | ● |
| C93105064 | 100 | 5/16 x 4" UNC Bolts Only | | ● |
| C93105072 | 100 | 5/16 x 4-1/2" UNC Bolts | | |
| 3/8" UNC | | | | |
| C93306012 | 100 qty | 3/8 x 3/4" UNC Set Screws | ● | ● |
| C93306014 | 100 | 3/8 x 7/8" UNC Set Screws | ● | |
| C93306016 | 100 | 3/8 x 1" UNC Set Screws | ● | ● |
| C93306020 | 100 | 3/8 x 1-1/4" UNC Set Screws | ● | ● |
| C93306024 | 100 | 3/8 x 1-1/2" UNC Set Screws | ● | ● |
| C93106024 | 100 | 3/8 x 1-1/2" UNC Bolts Only | | ● |
| C93106028 | 100 | 3/8 x 1-3/4" UNC Bolts Only | | ● |
| C93306032 | 100 | 3/8 x 2" UNC Set Screws | ● | ● |
| C93106032 | 100 | 3/8 x 2" UNC Bolts Only | | ● |
| C93306040 | 100 | 3/8 x 2-1/2" UNC Set Screws | ● | ● |
| C93106040 | 100 | 3/8 x 2-1/2" UNC Bolts Only | | ● |
| C93306048 | 50 | 3/8 x 3" UNC Set Screws | | ● |
| C93106048 | 50 | 3/8 x 3" UNC Bolts Only | | ● |

| 3/8" UNC Continued | | | | |
|--------------------|---------|------------------------------|---|---|
| C93106056 | 50 qty | 3/8 x 3-1/2" UNC Bolts Only | | ● |
| C93106060 | 50 | 3/8 x 3-3/4" UNC Bolts Only | | |
| C93106064 | 50 | 3/8 x 4" UNC Bolts Only | | ● |
| C93106072 | 50 | 3/8 x 4-1/2" UNC Bolts Only | | |
| C93106080 | 50 | 3/8 x 5" UNC Bolts Only | | |
| C93106088 | 50 | 3/8 x 5-1/2" UNC Bolts Only | | |
| C93106096 | 50 | 3/8 x 6" UNC Bolts GR5 | | |
| 7/16" UNC | | | | |
| C93307014 | 100 qty | 7/16 x 7/8" UNC Set Screws | ● | |
| C93307016 | 100 | 7/16 x 1" UNC Set Screws | ● | ● |
| C93307020 | 100 | 7/16 x 1-1/4" UNC Set Screws | ● | ● |
| C93307024 | 100 | 7/16 x 1-1/2" UNC Set Screws | ● | ● |
| C93107024 | 100 | 7/16 x 1-1/2" UNC Bolts | | ● |
| C93107028 | 100 | 7/16 x 1-3/4" UNC Bolts | | ● |
| C93307032 | 100 | 7/16 x 2" UNC Set Screws | ● | ● |
| C93107032 | 100 | 7/16 x 2" UNC Bolts Only | | ● |
| C93107040 | 100 | 7/16 x 2-1/2" UNC Bolts | | ● |
| C93107048 | 50 | 7/16 x 3" UNC Bolts Only | | ● |
| C93107056 | 50 | 7/16 x 3-1/2" UNC Bolts | | ● |
| C93107064 | 50 | 7/16 x 4" UNC Bolts Only | | ● |
| C93107072 | 50 | 7/16 x 4-1/2" UNC Bolts | | |
| C93107080 | 50 | 7/16 x 5" UNC Bolts Only | | |
| C93107088 | 50 | 7/16 x 5-1/2" UNC Bolts | | |
| C93107096 | 50 | 7/16 x 6" UNC Bolts Only | | |
| 1/2" UNC | | | | |
| C93308016 | 50 qty | 1/2 x 1" UNC Set Screws | ● | ● |
| C93308020 | 50 | 1/2 x 1-1/4" UNC Set Screws | ● | ● |
| C93308024 | 50 | 1/2 x 1-1/2" UNC Set Screws | ● | ● |
| C93108024 | 50 | 1/2 x 1-1/2" UNC Bolts Only | | ● |
| C93308028 | 50 | 1/2 x 1-3/4" UNC Set Screws | ● | |
| C93108028 | 50 | 1/2 x 1-3/4" UNC Bolts Only | | ● |
| C93308032 | 50 | 1/2 x 2" UNC Set Screws | ● | ● |
| C93108032 | 50 | 1/2 x 2" UNC Bolts Only | | ● |
| C93108040 | 50 | 1/2 x 2-1/2" UNC Bolts Only | | ● |
| C93108048 | 50 | 1/2 x 3" UNC Bolts Only | | ● |
| C93108056 | 50 | 1/2 x 3-1/2" UNC Bolts Only | | ● |
| C93108064 | 50 | 1/2 x 4" UNC Bolts Only | | ● |
| 5/8" UNC | | | | |
| C93310024 | 25 qty | 5/8 x 1-1/2" UNC Set Screws | ● | |
| C93310028 | 25 | 5/8 x 1-3/4" UNC Set Screws | ● | |
| C93110032 | 25 | 5/8 x 2" UNC Bolts Only | | |
| C93310040 | 25 | 5/8 x 2-1/2" UNC Set Screws | ● | |
| C93110040 | 25 | 5/8 x 2-1/2" UNC Bolts Only | | |
| C93110048 | 25 | 5/8 x 3" UNC Bolts Only | | |
| C93110056 | 25 | 5/8 x 3-1/2" UNC Bolts Only | | |
| C93110064 | 25 | 5/8 x 4" UNC Bolts Only | | |

IMPERIAL, UNC/UNF, HIGH TENSILE GR5, BOLTS & SET SCREWS

GRADE 5, HIGH TENSILE A.S. 2465 – DIN 931 & 933

- FULLY THREADED
- ZINC PLATED



| 3/4" UNC | | | | |
|-----------|--------|-----------------------------|---|--|
| C93312024 | 25 qty | 3/4 x 1-1/2" UNC Set Screws | ● | |
| C93312040 | 25 | 3/4 x 2-1/2" UNC Set Screws | ● | |
| C93112040 | 25 | 3/4 x 2-1/2" UNC Bolts Only | | |
| C93112048 | 25 | 3/4 x 3" UNC Bolts Only | | |

| 1/4" UNF | | | | |
|-----------|---------|-----------------------------|---|---|
| F93304008 | 200 qty | 1/4 x 1/2" UNF Set Screws | ● | ● |
| F93304010 | 200 | 1/4 x 5/8" UNF Set Screws | ● | ● |
| F93304012 | 200 | 1/4 x 3/4" UNF Set Screws | ● | ● |
| F93304016 | 200 | 1/4 x 1" UNF Set Screws | ● | ● |
| F93304020 | 200 | 1/4 x 1-1/4" UNF Set Screws | ● | ● |
| F93104020 | 200 | 1/4 x 1-1/4" UNF Bolts Only | | ● |
| F93304024 | 200 | 1/4 x 1-1/2" UNF Set Screws | ● | ● |
| F93104024 | 200 | 1/4 x 1-1/2" UNF Bolts Only | | ● |
| F93304032 | 200 | 1/4 x 2" UNF Set Screws | ● | ● |
| F93104032 | 200 | 1/4 x 2" UNF Bolts Only | | ● |
| F93104040 | 200 | 1/4 x 2-1/2" UNF Bolts Only | | ● |
| F93104048 | 200 | 1/4 x 3" UNF Bolts Only | | ● |

| 5/16" UNF | | | | |
|-----------|---------|------------------------------|---|---|
| F93305012 | 200 qty | 5/16 x 3/4" UNF Set Screws | ● | ● |
| F93305016 | 200 | 5/16 x 1" UNF Set Screws | ● | ● |
| F93305020 | 200 | 5/16 x 1-1/4" UNF Set Screws | ● | ● |
| F93105020 | 200 | 5/16 x 1-1/4" UNF Bolts Only | | |
| F93305024 | 200 | 5/16 x 1-1/2" UNF Set Screws | ● | ● |
| F93105024 | 200 | 5/16 x 1-1/2" UNF Bolts | | ● |
| F93105028 | 200 | 5/16 x 1-3/4" UNF Bolts | | |
| F93305032 | 200 | 5/16 x 2" UNF Set Screws | ● | ● |
| F93105032 | 200 | 5/16 x 2" UNF Bolts Only | | ● |
| F93105040 | 200 | 5/16 x 2-1/2" UNF Bolts | | ● |
| F93105048 | 100 | 5/16 x 3" UNF Bolts Only | | ● |
| F93105056 | 100 | 5/16 x 3-1/2" UNF Bolts | | ● |
| F93105064 | 100 | 5/16 x 4" UNF Bolts Only | | ● |
| F93105072 | 100 | 5/16 x 4-1/2" UNF Bolts | | |
| F93105080 | 100 | 5/16 x 5" UNF Bolts GR5 | | |

| 3/8" UNF | | | | |
|-----------|---------|-----------------------------|---|---|
| F93306012 | 100 qty | 3/8 x 3/4" UNF Set Screws | ● | ● |
| F93306016 | 100 | 3/8 x 1" UNF Set Screws | ● | ● |
| F93306020 | 100 | 3/8 x 1-1/4" UNF Set Screws | ● | ● |
| F93306024 | 100 | 3/8 x 1-1/2" UNF Set Screws | ● | ● |
| F93106024 | 100 | 3/8 x 1-1/2" UNF Bolts Only | | ● |
| F93106028 | 100 | 3/8 x 1-3/4" UNF Bolts Only | | ● |
| F93306032 | 100 | 3/8 x 2" UNF Set Screws | ● | ● |
| F93106032 | 100 | 3/8 x 2" UNF Bolts Only | | ● |
| F93106040 | 100 | 3/8 x 2-1/2" UNF Bolts Only | | ● |
| F93306048 | 50 | 3/8 x 3" UNF Set Screws | ● | |
| F93106048 | 50 | 3/8 x 3" UNF Bolts Only | | ● |
| F93106052 | 50 | 3/8 x 3-1/4" UNF Bolts Only | | |

| 3/8" UNF <i>Continued</i> | | | | |
|---------------------------|--------|-----------------------------|--|---|
| F93106056 | 50 qty | 3/8 x 3-1/2" UNF Bolts Only | | ● |
| F93106064 | 50 | 3/8 x 4" UNF Bolts Only | | ● |
| F93106072 | 50 | 3/8 x 4-1/2" UNF Bolts Only | | |
| F93106080 | 50 | 3/8 x 5" UNF Bolts Only | | |
| F93106088 | 50 | 3/8 x 5-1/2" UNF Bolts Only | | |
| F93106096 | 50 | 3/8 x 6" UNF Bolts Only | | |

| 7/16" UNF | | | | |
|-----------|---------|------------------------------|---|---|
| F93307016 | 100 qty | 7/16 x 1" UNF Set Screws | ● | ● |
| F93307020 | 100 | 7/16 x 1-1/4" UNF Set Screws | ● | ● |
| F93307024 | 100 | 7/16 x 1-1/2" UNF Set Screws | ● | ● |
| F93107024 | 100 | 7/16 x 1-1/2" UNF Bolts | | ● |
| F93107032 | 100 | 7/16 x 2" UNF Bolts Only | | ● |
| F93107040 | 100 | 7/16 x 2-1/2" UNF Bolts | | ● |
| F93107048 | 50 | 7/16 x 3" UNF Bolts Only | | ● |
| F93107056 | 50 | 7/16 x 3-1/2" UNF Bolts | | ● |
| F93107064 | 50 | 7/16 x 4" UNF Bolts Only | | |

| 1/2" UNF | | | | |
|-----------|--------|-----------------------------|---|---|
| F93308016 | 50 qty | 1/2 x 1" UNF Set Screws | ● | ● |
| F93308020 | 50 | 1/2 x 1-1/4" UNF Set Screws | ● | ● |
| F93308024 | 50 | 1/2 x 1-1/2" UNF Set Screws | ● | ● |
| F93108024 | 50 | 1/2 x 1-1/2" UNF Bolts Only | | ● |
| F93108028 | 50 | 1/2 x 1-3/4" UNF Bolts Only | | ● |
| F93108032 | 50 | 1/2 x 2" UNF Bolts Only | | ● |
| F93108036 | 50 | 1/2 x 2-1/4" UNF Bolts Only | | |
| F93108040 | 50 | 1/2 x 2-1/2" UNF Bolts Only | | ● |
| F93108048 | 50 | 1/2 x 3" UNF Bolts Only | | ● |
| F93108056 | 50 | 1/2 x 3-1/2" UNF Bolts Only | | ● |
| F93108064 | 50 | 1/2 x 4" UNF Bolts Only | | ● |

| 5/8" UNF | | | | |
|-----------|--------|-----------------------------|---|--|
| F93310020 | 25 qty | 5/8 x 1-1/4" UNF Set Screws | ● | |
| F93310024 | 25 | 5/8 x 1-1/2" UNF Set Screws | ● | |
| F93310028 | 25 | 5/8 x 1-3/4" UNF Set Screws | ● | |
| F93310032 | 25 | 5/8 x 2" UNF Set Screws | ● | |
| F93110032 | 25 | 5/8 x 2" UNF Bolts Only | | |
| F93310040 | 25 | 5/8 x 2-1/2" UNF Set Screws | | |
| F93110056 | 25 | 5/8 x 3-1/2" UNF Bolts Only | | |
| F93110064 | 25 | 5/8 x 4" UNF Bolts Only | | |
| F93110072 | 25 | 5/8 x 4-1/2" UNF Bolts Only | | |
| F93110080 | 25 | 5/8 x 5" UNF Bolts Only | | |
| F93110088 | 25 | 5/8 x 5-1/2" UNF Bolts Only | | |
| F93110096 | 25 | 5/8 x 6" UNF Bolts Only | | |

| 3/4" UNF | | | | |
|-----------|--------|-----------------------------|--|--|
| F93112072 | 25 qty | 3/4 x 4-1/2" UNF Bolts Only | | |
| F93112088 | 25 | 3/4 x 5-1/2" UNF Bolts Only | | |
| F93112096 | 25 | 3/4 x 6" UNF Bolts Only | | |
| F93112104 | 25 | 6-1/2 x 3/4" UNF Bolts GR5 | | |

STANDARD
PACKS

IMPERIAL, UNC/UNF, HEX PLAIN NUTS & NYLON LOCK NUTS

HEX PLAIN NUTS UNC/UNF A.S. 2465 – **DIN 934, CLASS 5**

NYLON INSERTED SELF-LOCKING NUTS – **DIN 985**

- PLAIN FINISH
- ZINC PLATED

UNC NUTS

| | | | | |
|-------|---------|--------------------------|---|--|
| NCN02 | 200 qty | 1/8" UNC 32 TPI Hex Nuts | | |
| NCN03 | 200 | 3/16" UNC Hex Nuts | ● | |
| NCN04 | 200 | 1/4" UNC Hex Nuts | ● | |
| NCN05 | 200 | 5/16" UNC Hex Nuts | ● | |
| NCN06 | 200 | 3/8" UNC Hex Nuts | ● | |
| NCN07 | 200 | 7/16" UNC Hex Nuts | ● | |
| NCN08 | 200 | 1/2" UNC Hex Nuts | ● | |
| NCN09 | 200 | 9/16" UNC Hex Nuts | ● | |
| NCN10 | 200 | 5/8" UNC Hex Nuts | ● | |
| NCN12 | 200 | 3/4" UNC Hex Nuts | ● | |

UNF NUTS

| | | | | |
|-------|---------|--------------------|---|--|
| NFN04 | 200 qty | 1/4" UNF Hex Nuts | ● | |
| NFN05 | 200 | 5/16" UNF Hex Nuts | ● | |
| NFN06 | 200 | 3/8" UNF Hex Nuts | ● | |
| NFN07 | 200 | 7/16" UNF Hex Nuts | ● | |
| NFN08 | 200 | 1/2" UNF Hex Nuts | ● | |
| NFN09 | 200 | 9/16" UNF Hex Nuts | ● | |
| NFN10 | 200 | 5/8" UNF Hex Nuts | ● | |
| NFN12 | 200 | 3/4" UNF Hex Nuts | ● | |

UNC NYLON LOCK NUTS

| | | | | |
|--------|---------|----------------------------|---|--|
| C98503 | 200 qty | 10/24" UNC Nylon Lock Nuts | ● | |
| C98504 | 200 | 1/4" UNC Nylon Lock Nuts | ● | |
| C98505 | 200 | 5/16" UNC Nylon Lock Nuts | ● | |
| C98506 | 200 | 3/8" UNC Nylon Lock Nuts | ● | |
| C98507 | 200 | 7/16" UNC Nylon Lock Nuts | ● | |
| C98508 | 100 | 1/2" UNC Nylon Lock Nuts | ● | |
| C98509 | 100 | 9/16" UNC Nylon Lock Nuts | ● | |
| C98510 | 100 | 5/8" UNC Nylon Lock Nuts | ● | |
| C98512 | 50 | 3/4" UNC Nylon Lock Nuts | ● | |
| C98514 | 50 | 7/8" UNC Nylon Lock Nuts | ● | |
| C98516 | 25 | 1" UNC Nylon Lock Nuts | ● | |





UNF NYLON LOCK NUTS

| | | | | |
|-----------|-----|----------------------------|---|--|
| F98503 | 200 | 10/32" UNF Nylon Lock Nuts | ● | |
| F98504 | 200 | 1/4" UNF Nylon Lock Nuts | ● | |
| F98505 | 200 | 5/16" UNF Nylon Lock Nuts | ● | |
| F98506 | 200 | 3/8" UNF Nylon Lock Nuts | ● | |
| F98507 | 200 | 7/16" UNF Nylon Lock Nuts | ● | |
| F98508 | 100 | 1/2" UNF Nylon Lock Nuts | ● | |
| F98509 | 100 | 9/16" UNF Nylon Lock Nuts | ● | |
| F98510 | 100 | 5/8" UNF Nylon Lock Nuts | ● | |
| F98512 | 50 | 3/4" UNF Nylon Lock Nuts | ● | |
| F98514 | 50 | 7/8" UNF Nylon Lock Nuts | ● | |
| F98516 | 25 | 1" UNF Nylon Lock Nuts | ● | |
| F98516-14 | 25 | 1"-14 TPI Nylon Lock Nuts | ● | |













BRASS FITTINGS *Heat Tolerant Corrosion Resistant*























| No.100 UNIVERSAL TYPE OLIVE | |  |
|---------------------------------|-------|-------------------------------------------------------------------------------------|
| C1-02 | 1/8" | |
| C1-03 | 3/16" | |
| C1-04 | 1/4" | |
| C1-05 | 5/16" | |
| C1-06 | 3/8" | |
| C1-08 | 1/2" | |
| No.1 OLIVE (COMPRESSION) | |  |
| 101 | 1/8" | |
| 102 | 3/16" | |
| 103 | 1/4" | |
| 104 | 5/16" | |
| 105 | 3/8" | |
| 107 | 1/2" | |
| No.100N OLIVE (SUIT NYLON TUBE) | |  |
| 102N | 3/16" | |
| 103N | 1/4" | |
| 104N | 5/16" | |
| 105N | 3/8" | |
| 107N | 1/2" | |
| No.2 STANDARD COMPRESSION NUT | |  |
| 201 | 1/8" | |
| 202 | 3/16" | |
| 203 | 1/4" | |
| 204 | 5/16" | |
| 205 | 3/8" | |
| 207 | 1/2" | |







| No.3 SINGLE UNION | |  |
|-----------------------------|--------------|---------------------------------------------------------------------------------------|
| 301 | 1/8 x 1/8" | |
| 302 | 3/16 x 1/8" | |
| 304 | 1/4 x 1/8" | |
| 305 | 1/4 x 1/4" | |
| 307 | 5/16 x 1/8" | |
| 308 | 5/16 x 1/4" | |
| 311 | 3/8 x 1/8" | |
| No.4 DOUBLE UNION | |  |
| 401 | 1/8 x 1/8" | |
| 402 | 3/16 x 3/16" | |
| 403 | 1/4 x 1/4" | |
| 404 | 5/16 x 5/16" | |
| 405 | 3/8 x 3/8" | |
| 406 | 1/2 x 1/2" | |
| No.5 SINGLE UNION ELBOW 90° | |  |
| 502 | 3/16 x 1/8" | |
| 504 | 1/4 x 1/8" | |
| 505 | 1/4 x 1/4" | |
| 507 | 5/16 x 1/8" | |
| 511 | 3/8 x 1/8" | |
| 512 | 3/8 x 1/4" | |
| No.6 STANDARD FLARE NUT | |  |
| 603 | 1/4" | |
| 605 | 5/16" | |

BRASS FITTINGS

| No.7 SINGLE FLARE UNION | |  |
|-----------------------------|----------------|-------------------------------------------------------------------------------------|
| 706 | 1/4 x 1/8" | |
| 710 | 5/16 x 1/8" | |
| 711 | 5/16 x 1/4" | |
| 715 | 3/8 x 1/4" | |
| No.8 FLARE ELBOW 90° | |  |
| 804 | 1/4 x 1/8" | |
| 805 | 1/4 x 1/4" | |
| 812 | 3/8 x 1/8" | |
| No.10 FEMALE CONNECTOR | |  |
| 1004 | 1/4 x 1/8" | |
| 1008 | 5/16 x 1/4" | |
| No.14 'T' UNION | |  |
| 1403 | 1/4" | |
| No.17 DOUBLE FLARE UNION | |  |
| 1703 | 1/4 x 1/4" | |
| 1704 | 5/16 x 5/16" | |
| No.21 DOLE PATTERN NUT | |  |
| 2101 | 1/8" | |
| 2102 | 3/16" | |
| 2103 | 1/4" | |
| 2104 | 5/16" | |
| No.22 DOLE PATTERN BODY | |  |
| 2202 | 3/16 x 1/8" | |
| 2204 | 1/4 x 1/8" | |
| 2205 | 5/16 x 1/8" | |
| No.23 DOLE PATTERN ELBOW | |  |
| 2302 | 3/16 x 1/8" | |
| 2303 | 1/4 x 1/8" | |
| 2304 | 5/16 x 1/8" | |
| No.24 REDUCING BUSH BSP | |  |
| 2401 | 1/4 x 1/8" BSP | |
| 2402 | 3/8 x 1/8" BSP | |
| 2403 | 3/8 x 1/4" BSP | |
| 2404 | 1/2 x 1/8" BSP | |
| 2405 | 1/2 x 1/4" BSP | |
| 2406 | 1/2 x 3/8" BSP | |
| 2409 | 3/4 x 3/8" BSP | |
| 2410 | 3/4 x 1/2" BSP | |
| No.25E EXTRUDED M & F ELBOW | |  |
| 2501E | 1/8 x 1/8" | |
| 2503E | 1/4 x 1/4" | |

| No.25F FORGED M&F ELBOW BSP | |  |
|--------------------------------|----------------|---------------------------------------------------------------------------------------|
| 2503F | 1/4 x 1/4" BSP | |
| No.26 HEX. SOCKET BSP | |  |
| 2601 | 1/8" BSP | |
| 2602 | 1/4" BSP | |
| 2603 | 3/8" BSP | |
| 2604 | 1/2" BSP | |
| No.27 HEX. NIPPLE BSP | |  |
| 2701 | 1/8" BSP | |
| 2702 | 1/4" BSP | |
| 2703 | 3/8" BSP | |
| 2704 | 1/2" BSP | |
| No.29 HEX. REDUCING SOCKET BSP | |  |
| 2901 | 1/4 x 1/8" BSP | |
| No.30 DRAIN COCK NPT | |  |
| 3002 | 1/4" NPT | |
| No.34 FEMALE ELBOW BSP | |  |
| 3401 | 1/8" | |
| No.35 FEMALE 'T' BSP | |  |
| 3501 | 1/8" | |
| 3502 | 1/4" | |
| 3503 | 3/8" | |
| No.44 SOLDER-ON TAIL | |  |
| 4401 | 1/8" | |
| 4402 | 3/16" | |
| 4403 | 1/4" | |
| 4404 | 5/16" | |
| 4405 | 3/8" | |
| No.45 SOLDER-ON NUT | |  |
| 4501 | 1/8" | |
| 4502 | 3/16" | |
| 4503 | 1/4" | |
| 4504 | 5/16" | |
| 4505 | 3/8" | |
| No.46 SOLDER-ON SINGLE UNION | |  |
| 4603 | 1/8" | |
| 4605 | 1/8" | |

| No.47 | | SOLDER-ON DOUBLE UNION | |  |
|--------------------------------------|----------------|----------------------------------|---------------|-------------------------------------------------------------------------------------|
| 4703 | 1/4" | | | |
| 4704 | 5/16" | | | |
| | | | | |
| No.58 | | INVERTED FLARE NUT (BRASS) | |  |
| 5802 | 3/16" | | | |
| 5803 | 1/4" | | | |
| 5804 | 5/16" | | | |
| THREADS USED ON INVERTED FLARE - UNF | | | | |
| TUBE | THREAD | TUBE | THREAD | |
| 1/8" | 5/16" x 28 TPI | 5/16" | 1/2" x 20 TPI | |
| 3/16" | 3/8" x 24 TPI | 3/8" | 5/8" x 18 TPI | |
| 1/4" | 7/16" x 24 TPI | 1/2" | 3/4" x 18 TPI | |
| No.59 | | INVERTED FLARE ELBOW | |  |
| 5902 | 90° INV Elbow | | | |
| 5903 | 90° INV Elbow | | | |
| 5905 | 90° INV Elbow | | | |
| No.60 | | CARBURETTOR NUT | |  |
| 6001 | 1/4" | | | |
| | | | | |
| No.62 | | INVERTED FLARE SINGLE UNION BODY | |  |
| 6202 | 3/16 x 1/8" | | | |
| 6204 | 5/16 x 1/8" | | | |
| No.64 | | HEX. TAPER PLUG BSP | |  |
| 6401 | 1/8" BSP | | | |
| 6402 | 1/4" BSP | | | |
| 6403 | 3/8" BSP | | | |
| 6404 | 1/2" BSP | | | |
| 6405 | 3/4" BSP | | | |
| No.71 | | TANK COLLAR | |  |
| 7101 | 1/8 x 1/2" | | | |
| | | | | |
| No.72 | | M & F ADAPTORS BSP | |  |
| 7203 | 1/4 x 1/8" | | | |
| 7205 | 3/8 x 1/8" | | | |
| 7206 | 3/8 x 1/4" | | | |
| No.73 | | REDUCING NIPPLES BSP | |  |
| 7301 | 1/4 x 1/8" | | | |
| 7302 | 3/8 x 1/8" | | | |
| 7303 | 3/8 x 1/4" | | | |
| 7304 | 1/2 x 1/4" | | | |
| 7305 | 1/2 x 3/8" | | | |
| No.74 | | LOCK NUTS BSP | |  |
| 7401 | 1/8" | | | |
| 7402 | 1/4" | | | |
| 7403 | 3/8" | | | |

| No.P3 | | MALE TAILPIECE BSP | |
|---------|-----------------|---------------------------------------------------------------------------------------|--|
| P301 | 3/16 x 1/8" BSP |  | |
| P302 | 1/4 x 1/8" BSP | | |
| P302A | 1/4 x 1/4" BSP | | |
| P303 | 5/16 x 1/8" BSP | | |
| P304 | 3/8 x 1/8" BSP | | |
| P305 | 3/8 x 1/4" BSP | | |
| P306 | 5/16 x 1/4" BSP | | |
| P307 | 1/2 x 1/4" BSP | | |
| P308 | 5/8 x 1/4" BSP | | |
| P310 | 3/8 x 3/8" BSP | | |
| P311 | 1/2 x 3/8" BSP | | |
| P312 | 5/8 x 3/8" BSP | | |
| P314 | 3/8 x 1/2" BSP | | |
| P315 | 1/2 x 1/2" BSP | | |
| P316 | 5/8 x 1/2" BSP | | |
| P3-1208 | 3/8 x 1/2" BSP | | |
| P3-1212 | 3/4 x 3/4" BSP | | |
| | | | |
| No.P5 | | NUT & TAIL | |
| P501 | 3/16 x 1/8" |  | |
| P503 | 1/4 x 1/8" | | |
| P504 | 1/4 x 1/4" | | |
| P505 | 5/16 x 1/4" | | |
| P506 | 3/8 x 3/8" | | |
| | | | |
| No.P6 | | MALE ELBOW BSP | |
| P601 | 3/16 x 1/8" BSP |  | |
| P602 | 1/4 x 1/8" BSP | | |
| P603 | 5/16 x 1/8" BSP | | |
| P604 | 3/8 x 1/8" BSP | | |
| P605 | 3/8 x 1/4" BSP | | |
| P606 | 5/16 x 1/4" BSP | | |
| P607 | 1/2 x 1/4" BSP | | |
| P610 | 3/8 x 3/8" BSP | | |
| P611 | 1/2 x 3/8" BSP | | |
| P612 | 5/8 x 3/8" BSP | | |
| P616 | 5/8 x 1/2" BSP | | |
| | | | |
| No.P7 | | HOSE JOINER | |
| P701 | 3/16" |  | |
| P702 | 1/4" | | |
| P703 | 5/16" | | |
| P704 | 3/8" | | |
| P705 | 1/2" | | |
| P706 | 5/8" | | |
| | | | |
| No.P14 | | THREE-WAY 'T' | |
| P1402 | 3/16" |  | |
| P1403 | 1/4" | | |
| P1404 | 5/16" | | |
| P1405 | 3/8" | | |
| P1406 | 1/2" | | |
| P1407 | 5/8" | | |
| | | | |
| No.T3 | | SOLDER-ON LEVER TAP | |
| T3-0502 | 5/16 x 1/8" |  | |
| | | | |

AIR-LINE ACCESSORIES



HIGHEST QUALITY



200S STEEL & 400S STEEL SERIES BLISTER PACKED

200 SERIES STEEL

AUTOMATIC COUPLINGS – 1/4" BSP FEMALE

| | | |
|-------|----------|------|
| C200S | 1 / pack | 1/4" |
|-------|----------|------|

AUTOMATIC COUPLINGS – 1/4" BSP MALE

| | | |
|-------|----------|------|
| C201S | 1 / pack | 1/4" |
|-------|----------|------|

AUTOMATIC COUPLINGS – HOSE BARB

| | | |
|-------|----------|-------|
| C240S | 1 / pack | 5/16" |
|-------|----------|-------|

| | | |
|-------|----------|------|
| C241S | 1 / pack | 3/8" |
|-------|----------|------|

COUPLING NIPPLE – 1/4" BSP MALE

| | | |
|-------|----------|------|
| C202S | 2 / pack | 1/4" |
|-------|----------|------|

COUPLING NIPPLE – 1/4" BSP FEMALE

| | | |
|-------|----------|------|
| C203S | 2 / pack | 1/4" |
|-------|----------|------|

COUPLING NIPPLE – HOSE BARB

| | | |
|-------|----------|------|
| C205S | 2 / pack | 1/4" |
|-------|----------|------|

| | | |
|-------|----------|-------|
| C206S | 2 / pack | 5/16" |
|-------|----------|-------|

| | | |
|--------|----------|------|
| C206AS | 2 / pack | 3/8" |
|--------|----------|------|

| SPECIFICATIONS | 200S | 400S |
|-------------------|--------------------------------------|--------------------------------------|
| Flow Capacity | CFM 45 | 90 |
| @T BAR/100 PSI | LPM 1300 | 2500 |
| Max Working | BAR 20 | 15 |
| Pressure | PSI 290 | 220 |
| Temperature Range | -200°C to +800°C -40°F to +1760°C | -200°C to +800°C -40°F to +1760°C |

400 SERIES STEEL

Super-Hi-Flow. Interchange with Nitto.

AUTOMATIC COUPLINGS – BSP FEMALE

| | | |
|--------|----------|------|
| C420SF | 1 / pack | 1/4" |
|--------|----------|------|

| | | |
|--------|----------|------|
| C430SF | 1 / pack | 3/8" |
|--------|----------|------|

AUTOMATIC COUPLINGS – BSP MALE

| | | |
|--------|----------|------|
| C420SM | 1 / pack | 1/4" |
|--------|----------|------|

| | | |
|--------|----------|------|
| C430SM | 1 / pack | 3/8" |
|--------|----------|------|

AUTOMATIC COUPLINGS – HOSE BARB

| | | |
|--------|----------|------|
| C420SH | 1 / pack | 1/4" |
|--------|----------|------|

| | | |
|--------|----------|-------|
| C425SH | 1 / pack | 5/16" |
|--------|----------|-------|

| | | |
|--------|----------|------|
| C430SH | 1 / pack | 3/8" |
|--------|----------|------|

| | | |
|--------|----------|------|
| C440SH | 1 / pack | 1/2" |
|--------|----------|------|

COUPLING NIPPLES – BSP FEMALE

| | | |
|--------|----------|------|
| C420PF | 2 / pack | 1/4" |
|--------|----------|------|

| | | |
|--------|----------|------|
| C430PF | 2 / pack | 3/8" |
|--------|----------|------|

COUPLING NIPPLE – BSP MALE

| | | |
|--------|----------|------|
| C420PM | 2 / pack | 1/4" |
|--------|----------|------|

| | | |
|--------|----------|------|
| C430PM | 2 / pack | 3/8" |
|--------|----------|------|

COUPLING NIPPLE – HOSE BARB

| | | |
|--------|----------|------|
| C420PH | 2 / pack | 1/4" |
|--------|----------|------|

| | | |
|--------|----------|-------|
| C425PH | 2 / pack | 5/16" |
|--------|----------|-------|

| | | |
|--------|----------|------|
| C430PH | 2 / pack | 3/8" |
|--------|----------|------|

| | | |
|--------|----------|------|
| C440PH | 2 / pack | 1/2" |
|--------|----------|------|

UNIVERSAL FITTINGS

Popular Adaptors and Accessories

BRASS HOSE BARB – 1/4" BSP MALE

| | | |
|------|----------|------|
| C207 | 2 / pack | 1/4" |
|------|----------|------|

| | | |
|------|----------|-------|
| C208 | 2 / pack | 5/16" |
|------|----------|-------|

| | | |
|------|----------|------|
| C209 | 2 / pack | 3/8" |
|------|----------|------|

BRASS HOSE BARB – 1/4" BSP FEMALE

| | | |
|------|----------|------|
| C236 | 2 / pack | 1/4" |
|------|----------|------|

| | | |
|------|----------|-------|
| C237 | 2 / pack | 5/16" |
|------|----------|-------|

| | | |
|------|----------|------|
| C238 | 2 / pack | 3/8" |
|------|----------|------|

BRASS HOSE BARB – JOINER

| | | |
|------|----------|------|
| C227 | 2 / pack | 1/4" |
|------|----------|------|

| | | |
|------|----------|-------|
| C228 | 2 / pack | 5/16" |
|------|----------|-------|

| | | |
|------|----------|------|
| C229 | 2 / pack | 3/8" |
|------|----------|------|

BLOW GUNS – 1/4" BSP FEMALE

| | | |
|------|----------|----------|
| C223 | 1 / pack | 1/4" BSP |
|------|----------|----------|

COUPLING NIPPLE – HOSE BARB

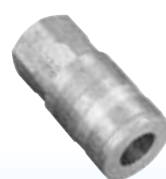
| | | |
|-------|----------|------|
| C205S | 2 / pack | 1/4" |
|-------|----------|------|

| | | |
|-------|----------|-------|
| C206S | 2 / pack | 5/16" |
|-------|----------|-------|

| | | |
|--------|----------|------|
| C206AS | 2 / pack | 3/8" |
|--------|----------|------|



MALE COUPLING



FEMALE COUPLING



HOSE BARB COUPLING

AIR-LINE FITTINGS BOXED

- Shelf or counter display
- Quantity of 10 per box
- An economic way to display your most popular Champion Air-Line Fittings



NITTO INTERCHANGE



Box of 10

B420MC-10 1/4" MALE COUPLING



Box of 10

B420FC-10 1/4" FEMALE COUPLING



Box of 10

B430HC-10 3/8" HOSE BARB COUPLING



Box of 10

B420MN-10 1/4" MALE NIPPLE



Box of 10

B420FN-10 1/4" FEMALE NIPPLE



Box of 10

B425H-10 5/16" HOSE BARB NIPPLE



Box of 10

B430H-10 3/8" HOSE BARB NIPPLE



Box of 10

B440H-10 1/2" HOSE BARB NIPPLE

RYCO INTERCHANGE



Box of 10

B201-10 1/4" MALE COUPLING



Box of 10

B200-10 1/4" FEMALE COUPLING



Box of 10

B241-10 3/8" HOSE BARB COUPLING



Box of 10

B202-10 1/4" MALE NIPPLE



Box of 10

B203-10 1/4" FEMALE NIPPLE



Box of 10

B206-10 5/16" HOSE BARB NIPPLE



Box of 10

B208-10 3/8" HOSE BARB NIPPLE

MISC.
FITTINGS

JAMEC INTERCHANGE



Box of 10

B310M-10 1/4" MALE COUPLING



Box of 10

B310F-10 1/4" FEMALE COUPLING



Box of 10

B310T-10 3/8" HOSE BARB COUPLING



Box of 10

B31M-10
1/4" MALE NIPPLE



Box of 10

B31F-10
1/4" FEMALE NIPPLE



Box of 10

B315B-10
5/16" HOSE BARB NIPPLE



Box of 10

B316B-10
3/8" HOSE BARB NIPPLE

UNIVERSAL



Box of 10

B207B-10 1/4" HOSE BARB x 1/4" MALE



Box of 10

B208B-10 5/16" HOSE BARB x 1/4" MALE



Box of 10

B209B-10 3/8" HOSE BARB x 1/4" MALE



Box of 10

B238-10 3/8" HOSE BARB x 1/4" FEMALE



Box of 10

B2702-10 1/4" x 1/4" MALE ADAPTOR



Box of 10

B3502-10 1/4" 3 WAY FEMALE 'T'



Box of 10

B2403-10 3/8" to 1/4" FEMALE REDUCER



Box of 10

BTC4-10 1/4" FEMALE TYRE CHUCK

MISC.
FITTINGS

STAINLESS STEEL AIR COUPLINGS

A comprehensive range of Stainless Steel Couplings and Fittings. Interchangeable with NITTO systems.



Stainless Steel

CSM20SS 1/4" MALE COUPLING



Stainless Steel

CSH30SS 3/8" HOSE BARB COUPLING



Stainless Steel

CFS20SS 1/4" FEMALE COUPLING



Stainless Steel

CSH40SS 1/2" HOSE BARB COUPLING



Stainless Steel

CPM20SS 1/4" MALE NIPPLE



Stainless Steel

CPH30SS 3/8" HOSE BARB NIPPLE



Stainless Steel

CPF20SS 1/4" FEMALE NIPPLE



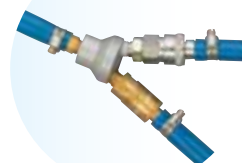
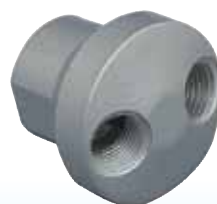
Stainless Steel

CPH40SS 1/2" HOSE BARB NIPPLE



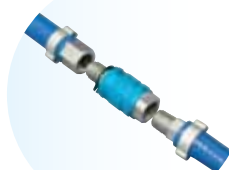
CSW-02 UNIVERSAL SWIVEL JOINT

• 1/4" Male/Female



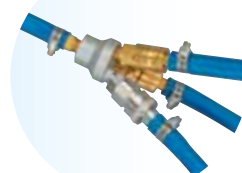
CSMY-2 AIR MANIFOLD 1 IN 2 OUT

• 1/4" Female



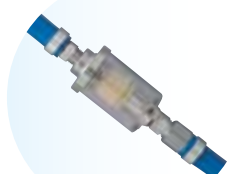
CLN-02B IN-LINE AIR REGULATOR

• 1/4" Male/Female



CSMY-3 AIR MANIFOLD 1 IN 3 OUT

• 1/4" Female



CLF-07 IN-LINE WATER SEPARATOR

• 1/4" Male/Female



CAR-02 IN-LINE AIR TAP

• 1/4" Male/Female



CMF-20 SWIVEL JOINT

• 1/4" Male/Female



CPM-20 SWIVEL JOINT

• 1/4" Male/Nipple (Nitro Interchange)

VALVES, MANIFOLDS & JOINTS



CAY-1010 IN-LINE AIR CONTROL UNIT

- Filter, regulator, lubricator and gauge • Gauge: kPa, PSI
- Wall mounted water trap



BREG02 IN-LINE REGULATOR

- Body: Cast aluminium • Gauge: kPa, PSI



CSV-02 BLOW OFF VALVE

- 1/4" Male • 150 PSI



CAH10-20 AIR HOSE

- 20 metres • 10mm (3/8")



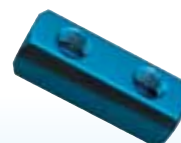
CLV-02A MINI OILER

- 1/4" Male/Female



CAH8-20 AIR HOSE

- 20 metres • 8mm (5/16")



BMP2-10 2 WAY MANIFOLD 1/4"

- 2 way manifold 1/4" • Box of 10



CTR003 3 PIECE NOZZLE SET

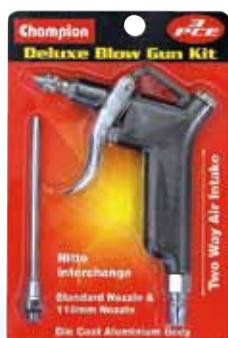
- Rubber tip • Silencer tip • Safety tip



*with Deflator Button
0-150 PSI, 0-1050 KPA.
Magnified Sight Glass.
Dual Calibrated.*

CHP150 DUAL CHUCK TYRE INFLATOR

- Heavy duty aluminium die cast body
- Spiral protected air hose
- Dual hold-on chuck
- Rubber hose protector
- Impact absorbing bumpers



CAR003 3 PIECE DELUXE BLOW GUN

- Nitto interchange
- Standard nozzle
- 110mm nozzle
- Die cast
- Aluminium body



CAR004 DELUXE AIR BLOWER

- Strong ABS body
- 100mm angled nozzle
- Internal brass thread 1/4" BSP
- Working pressure 90-120 PSI



CAR008 8 PIECE DELUXE AIR GUN KIT

- 3" nylon tip, air screen tip, adjustable tip, safety booster tip, safety tip, rubber tip, standard safety tip, 2 way air intake.



*Extends from
310mm to 525mm*

CAR009T DELUXE TELESCOPIC AIR GUN

- Extends from 310mm to 525mm
- Die cast aluminium body
- Nitto interchange
- Two way air intake

MERCHANDISERS

*One of the largest selections of merchandisers available.
Suited to all types of retail and trade outlets. Including; Auto, Marine,
Hardware and Industrial.*

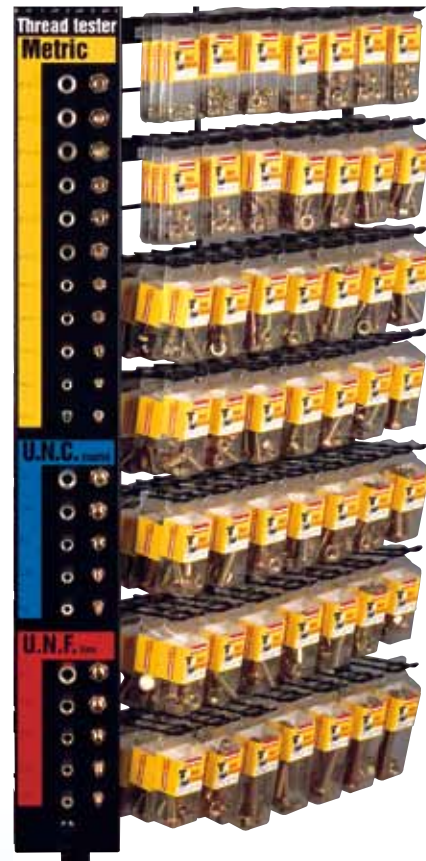
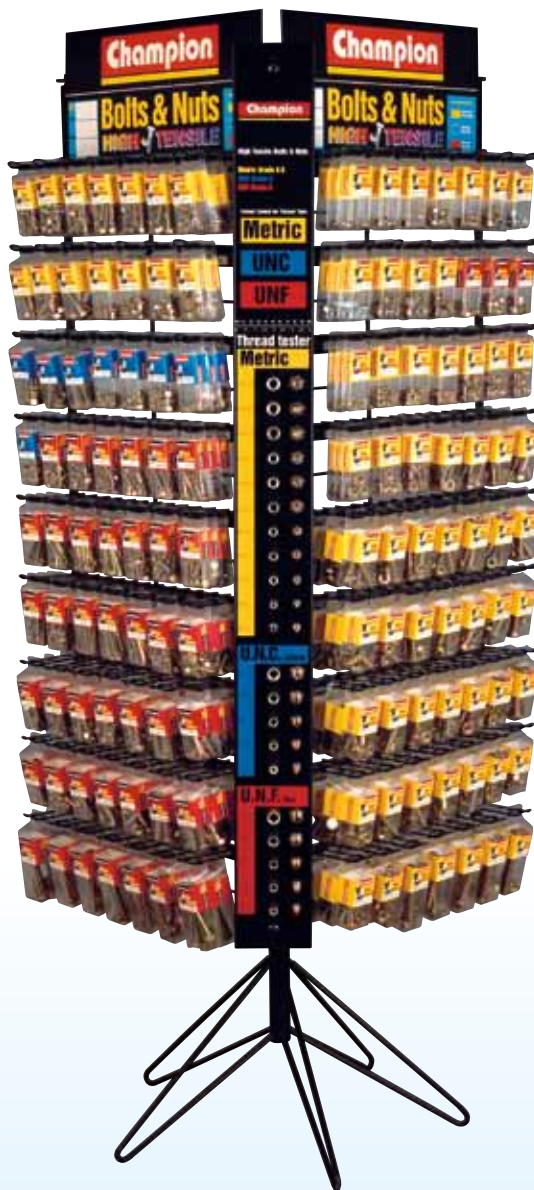


- Unique, space saving design, allowing the display of more product in limited areas
- All merchandisers include barcoded back labels for quick identification and re-ordering
- Colour coordinated, eye-catching display units contain a selection of the most popular products
- Crystal clear packaging allows for easy identification of the products before purchase
- All products are supplied in tamper-proof, reusable, recyclable clamshells or blister carded packs



HIGH TENSILE BOLTS & NUTS

Part No. **BN254**



*Handy Thread Tester Panel
included with merchandiser
for accurate identification*

Also available seperately. Refer p218

BN254 HIGH TENSILE BOLT & NUT MERCHANDISER

Merchandiser includes a comprehensive range of:

- High Tensile Bolts & Nuts
- Flange Head Nuts & Bolts
- Nylon Insert Lock Nuts
- Socket Head Screws

(suitable for automotive, industrial and hardware outlets)

Includes:

- 3 x 252 types of High Tensile Bolts & Nuts
- Total of 756 Packs
- Metric, UNC and UNF threads included in the range
- Time saving thread tester is incorporated into stand
- Individual panels may be wall mounted
- Merchandiser dimensions: 680mm x 1720mm (incl. header)



COLOUR CODED PACKS

Packaged in reusable plastic clam shells and colour coded by thread type.

- Blue: U.N.C
- Red: U.N.F
- Yellow: Metric

THREAD TESTER PANEL

The BN254 merchandiser incorportes a unique thread tester panel which enables accurate identification of thread type, diameter, pitch and length for both bolts and nuts.

METRIC THREAD

GRADE 8.8 HIGH TENSILE BOLTS, SET SCREWS & NUTS

| | | |
|-------|------------------|-------------------|
| BM12 | 5 x 16mm | Set Screws & Nuts |
| BM13 | 5 x 20mm | Set Screws & Nuts |
| BM14 | 5 x 25mm | Set Screws & Nuts |
| BM15 | 5 x 30mm | Set Screws & Nuts |
| BM18 | 5 x 50mm | Set Screws & Nuts |
| BM21 | 6 x 16mm | Set Screws & Nuts |
| BM22 | 6 x 20mm | Set Screws & Nuts |
| BM23 | 6 x 25mm | Set Screws & Nuts |
| BM25 | 6 x 30mm | Set Screws & Nuts |
| BM26 | 6 x 35mm | Set Screws & Nuts |
| BM27 | 6 x 40mm | Set Screws & Nuts |
| BM29 | 6 x 50mm | Bolts & Nuts |
| BM30 | 6 x 50mm | Set Screws & Nuts |
| BM32 | 6 x 60mm | Bolts & Nuts |
| BM34 | 6 x 70mm | Bolts & Nuts |
| BM35 | 6 x 80mm | Bolts & Nuts |
| BM37 | 6 x 100mm | Bolts & Nuts |
| BM40 | 7 x 35mm | Set Screws & Nuts |
| BM45 | 8 x 16mm | Set Screws & Nuts |
| BM47 | 8 x 20mm | Set Screws & Nuts |
| BM48 | 8 x 25mm | Set Screws & Nuts |
| BM51 | 8 x 30mm | Set Screws & Nuts |
| BM52 | 8 x 35mm | Set Screws & Nuts |
| BM55 | 8 x 40mm | Set Screws & Nuts |
| BM57 | 8 x 50mm | Bolts & Nuts |
| BM58 | 8 x 50mm | Set Screws & Nuts |
| BM60 | 8 x 60mm | Bolts & Nuts |
| BM63 | 8 x 65mm | Bolts & Nuts |
| BM65 | 8 x 75mm | Bolts & Nuts |
| BM67 | 8 x 80mm | Bolts & Nuts |
| BM69 | 8 x 100mm | Bolts & Nuts |
| BM70 | 8 x 100mm | Set Screws & Nuts |
| BM74 | 8 x 35 x 1.00mm | Set Screws & Nuts |
| BM77 | 8 x 50 x 1.00mm | Bolts & Nuts |
| BM79 | 10 x 25mm | Set Screws & Nuts |
| BM83 | 10 x 35mm | Set Screws & Nuts |
| BM84 | 10 x 40mm | Set Screws & Nuts |
| BM86 | 10 x 45mm | Bolts & Nuts |
| BM87 | 10 x 50mm | Bolts & Nuts |
| BM88 | 10 x 50mm | Set Screws & Nuts |
| BM89 | 10 x 60mm | Bolts & Nuts |
| BM91 | 10 x 65mm | Bolts & Nuts |
| BM93 | 10 x 70mm | Bolts & Nuts |
| BM95 | 10 x 75mm | Set Screws & Nuts |
| BM96 | 10 x 80mm | Bolts & Nuts |
| BM98 | 10 x 100mm | Bolts & Nuts |
| BM99 | 10 x 100mm | Set Screws & Nuts |
| BM102 | 10 x 35 x 1.00mm | Set Screws & Nuts |
| BM104 | 10 x 25 x 1.25mm | Set Screws & Nuts |
| BM106 | 10 x 35 x 1.25mm | Set Screws & Nuts |
| BM109 | 10 x 45 x 1.25mm | Set Screws & Nuts |
| BM110 | 10 x 50 x 1.25mm | Set Screws & Nuts |
| BM112 | 10 x 70 x 1.25mm | Bolts & Nuts |
| BM116 | 12 x 30mm | Set Screws & Nuts |
| BM120 | 12 x 40mm | Set Screws & Nuts |
| BM123 | 12 x 45mm | Set Screws & Nuts |
| BM124 | 12 x 50mm | Set Screws & Nuts |
| BM125 | 12 x 50mm | Bolts & Nuts |
| BM126 | 12 x 60mm | Bolts & Nuts |
| BM128 | 12 x 65mm | Bolts & Nuts |
| BM131 | 12 x 70mm | Bolts & Nuts |
| BM133 | 12 x 80mm | Bolts & Nuts |
| BM134 | 12 x 90mm | Bolts & Nuts |
| BM135 | 12 x 100mm | Bolts & Nuts |
| BM136 | 12 x 100mm | Set Screws & Nuts |
| BM140 | 12 x 1.5 x 35mm | Set Screws & Nuts |

METRIC THREAD *Continued*

GRADE 8.8 HIGH TENSILE BOLTS, SET SCREWS & NUTS

| | | |
|-------|-------------------|-------------------|
| BM142 | M12 x 1.5 x 40mm | Bolts & Nuts |
| BM144 | M12 x 1.5 x 50mm | Bolts & Nuts |
| BM145 | M12 x 1.5 x 50mm | Set Screws & Nuts |
| BM147 | M12 x 1.5 x 60mm | Bolts & Nuts |
| BM148 | M12 x 1.5 x 75mm | Bolts & Nuts |
| BM150 | M12 x 1.25 x 35mm | Set Screws & Nuts |
| BM152 | M12 x 1.25 x 50mm | Set Screws & Nuts |
| BM154 | M12 x 1.25 x 75mm | Bolts & Nuts |
| BM157 | M5 x 0.8 | Hexagon Nuts |
| BM159 | M6 x 1.00 | Hexagon Nuts |
| BM161 | M8 x 1.25 | Hexagon Nuts |
| BM162 | M8 x 1.00 | Hexagon Nuts |
| BM163 | M10 x 1.50 | Hexagon Nuts |
| BM164 | M10 x 1.25 | Hexagon Nuts |
| BM165 | M10 x 1.00 | Hexagon Nuts |
| BM166 | M12 x 1.75 | Hexagon Nuts |
| BM167 | M12 x 1.5 | Hexagon Nuts |
| BM168 | M12 x 1.25 | Hexagon Nuts |

FLANGE HEAD

| | | |
|--------|------------------|--------------|
| FBM12 | 5 x 16mm | Flange Bolts |
| FBM14 | 5 x 25mm | Flange Bolts |
| FBM21 | 6 x 16mm | Flange Bolts |
| FBM22 | 6 x 20mm | Flange Bolts |
| FBM23 | 6 x 25mm | Flange Bolts |
| FBM25 | 6 x 30mm | Flange Bolts |
| FBM27 | 6 x 40mm | Flange Bolts |
| FBM45 | 8 x 16mm | Flange Bolts |
| FBM47 | 8 x 20mm | Flange Bolts |
| FBM48 | 8 x 25mm | Flange Bolts |
| FBM51 | 8 x 30mm | Flange Bolts |
| FBM55 | 8 x 40mm | Flange Bolts |
| FBM57 | 8 x 50mm | Flange Bolts |
| FBM104 | 10 x 25 x 1.25mm | Flange Bolts |
| FBM106 | 10 x 35 x 1.25mm | Flange Bolts |
| FBM107 | 10 x 40 x 1.25mm | Flange Bolts |
| FBM110 | 10 x 50 x 1.25mm | Flange Bolts |
| FBM157 | M5 x 0.8 | Flange Nuts |
| FBM159 | M6 x 1.00 | Flange Nuts |
| FBM161 | M8 x 1.25 | Flange Nuts |
| FBM164 | M10 x 1.25 | Flange Nuts |

NYLON INSERT LOCK NUTS

| | | |
|--------|------------|------------------------|
| SLM157 | M5 x 0.8 | Nylon Insert Lock Nuts |
| SLM158 | M6 x 1.00 | Nylon Insert Lock Nuts |
| SLM160 | M7 x 1.00 | Nylon Insert Lock Nuts |
| SLM161 | M8 x 1.25 | Nylon Insert Lock Nuts |
| SLM162 | M8 x 1.00 | Nylon Insert Lock Nuts |
| SLM163 | M10 x 1.5 | Nylon Insert Lock Nuts |
| SLM164 | M10 x 1.25 | Nylon Insert Lock Nuts |
| SLM165 | M10 x 1.00 | Nylon Insert Lock Nuts |
| SLM166 | M12 x 1.75 | Nylon Insert Lock Nuts |
| SLM167 | M12 x 1.5 | Nylon Insert Lock Nuts |
| SLM168 | M12 x 1.25 | Nylon Insert Lock Nuts |

SOCKET HEAD SCREWS

| | | |
|-------|---------|--------------------|
| SHM21 | M6 x 16 | Socket Head Screws |
| SHM22 | M6 x 20 | Socket Head Screws |
| SHM23 | M6 x 25 | Socket Head Screws |
| SHM25 | M6 x 30 | Socket Head Screws |
| SHM27 | M6 x 40 | Socket Head Screws |
| SHM30 | M6 x 50 | Socket Head Screws |
| SHM34 | M6 x 70 | Socket Head Screws |
| SHM35 | M6 x 80 | Socket Head Screws |
| SHM45 | M8 x 16 | Socket Head Screws |
| SHM48 | M8 x 25 | Socket Head Screws |

UNF THREAD

GRADE 5 HIGH TENSILE BOLTS, SET SCREWS & NUTS

| | | |
|------|---------------|-------------------|
| BF1 | 1/4 x 1/2" | Set Screws & Nuts |
| BF3 | 1/4 x 3/4" | Set Screws & Nuts |
| BF4 | 1/4 x 1" | Set Screws & Nuts |
| BF7 | 1/4 x 1-1/4" | Bolts & Nuts |
| BF8 | 1/4 x 1-1/2" | Set Screws & Nuts |
| BF9 | 1/4 x 1-1/2" | Bolts & Nuts |
| BF11 | 1/4 x 2" | Set Screws & Nuts |
| BF12 | 1/4 x 2" | Bolts & Nuts |
| BF13 | 1/4 x 2-1/2" | Bolts & Nuts |
| BF14 | 1/4 x 3" | Bolts & Nuts |
| BF15 | 5/16 x 3/4" | Set Screws & Nuts |
| BF17 | 5/16 x 1" | Set Screws & Nuts |
| BF19 | 5/16 x 1-1/4" | Set Screws & Nuts |
| BF20 | 5/16 x 1-1/2" | Bolts & Nuts |
| BF21 | 5/16 x 1-1/2" | Set Screws & Nuts |
| BF23 | 5/16 x 2" | Bolts & Nuts |
| BF26 | 5/16 x 2-1/2" | Bolts & Nuts |
| BF28 | 5/16 x 3" | Bolts & Nuts |
| BF29 | 5/16 x 3-1/2" | Bolts & Nuts |
| BF30 | 5/16 x 4" | Bolts & Nuts |
| BF31 | 3/8 x 3/4" | Set Screws & Nuts |
| BF33 | 3/8 x 1" | Set Screws & Nuts |
| BF34 | 3/8 x 1-1/4" | Set Screws & Nuts |
| BF36 | 3/8 x 1-1/2" | Set Screws & Nuts |
| BF37 | 3/8 x 1-1/2" | Bolts & Nuts |
| BF38 | 3/8 x 1-3/4" | Bolts & Nuts |
| BF39 | 3/8 x 2" | Bolts & Nuts |
| BF40 | 3/8 x 2" | Set Screws & Nuts |
| BF42 | 3/8 x 2-1/2" | Bolts & Nuts |
| BF43 | 3/8 x 3" | Bolts & Nuts |
| BF45 | 3/8 x 3-1/2" | Bolts & Nuts |
| BF47 | 3/8 x 4" | Bolts & Nuts |
| BF50 | 7/16 x 1" | Set Screws & Nuts |
| BF52 | 7/16 x 1-1/4" | Set Screws & Nuts |
| BF54 | 7/16 x 1-1/2" | Set Screws & Nuts |
| BF55 | 7/16 x 1-1/2" | Bolts & Nuts |
| BF57 | 7/16 x 2" | Bolts & Nuts |
| BF58 | 7/16 x 2-1/2" | Bolts & Nuts |
| BF59 | 7/16 x 3" | Bolts & Nuts |
| BF60 | 7/16 x 3-1/2" | Bolts & Nuts |
| BF62 | 1/2 x 1" | Set Screws & Nuts |
| BF63 | 1/2 x 1-1/4" | Set Screws & Nuts |
| BF65 | 1/2 x 1-1/2" | Bolts & Nuts |
| BF66 | 1/2 x 1-1/2" | Set Screws & Nuts |
| BF68 | 1/2 x 1-3/4" | Bolts & Nuts |
| BF69 | 1/2 x 2" | Bolts & Nuts |
| BF72 | 1/2 x 2-1/2" | Bolts & Nuts |
| BF74 | 1/2 x 3" | Bolts & Nuts |
| BF75 | 1/2 x 3-1/2" | Bolts & Nuts |
| BF77 | 1/4" | Hexagon Nuts |
| BF78 | 5/16" | Hexagon Nuts |
| BF79 | 3/8" | Hexagon Nuts |
| BF80 | 7/16" | Hexagon Nuts |
| BF81 | 1/2" | Hexagon Nuts |

NYLON INSERT LOCK NUTS

| | | |
|-------|-------|------------------------|
| SLF77 | 1/4" | Nylon Insert Lock Nuts |
| SLF78 | 5/16" | Nylon Insert Lock Nuts |
| SLF79 | 3/8" | Nylon Insert Lock Nuts |
| SLF80 | 7/16" | Nylon Insert Lock Nuts |
| SLF81 | 1/2" | Nylon Insert Lock Nuts |

UNC THREAD

GRADE 5 HIGH TENSILE BOLTS, SET SCREWS & NUTS

| | | |
|-------|---------------|--------------------|
| SHC3 | 1/4 x 3/4" | Socket Head Screws |
| SHC15 | 5/16 x 3/4" | Socket Head Screws |
| SHC17 | 5/16 x 1" | Socket Head Screws |
| SHC19 | 5/16 x 1-1/4" | Socket Head Screws |

UNC THREAD *Continued*

GRADE 5 HIGH TENSILE BOLTS, SET SCREWS & NUTS

| | | |
|------|---------------|-------------------|
| BC1 | 1/4 x 1/2" | Set Screws & Nuts |
| BC3 | 1/4 x 3/4" | Set Screws & Nuts |
| BC4 | 1/4 x 1" | Set Screws & Nuts |
| BC6 | 1/4 x 1-1/4" | Set Screws & Nuts |
| BC8 | 1/4 x 1-1/2" | Set Screws & Nuts |
| BC9 | 1/4 x 1-1/2" | Bolts & Nuts |
| BC11 | 1/4 x 2" | Set Screws & Nuts |
| BC12 | 1/4 x 2" | Bolts & Nuts |
| BC13 | 1/4 x 2-1/2" | Bolts & Nuts |
| BC14 | 1/4 x 3" | Bolts & Nuts |
| BC15 | 5/16 x 3/4" | Set Screws & Nuts |
| BC17 | 5/16 x 1" | Set Screws & Nuts |
| BC19 | 5/16 x 1-1/4" | Set Screws & Nuts |
| BC20 | 5/16 x 1-1/2" | Bolts & Nuts |
| BC21 | 5/16 x 1-1/2" | Set Screws & Nuts |
| BC23 | 5/16 x 2" | Bolts & Nuts |
| BC26 | 5/16 x 2-1/2" | Bolts & Nuts |
| BC28 | 5/16 x 3" | Bolts & Nuts |
| BC29 | 5/16 x 3-1/2" | Bolts & Nuts |
| BC30 | 5/16 x 4" | Bolts & Nuts |
| BC31 | 3/8 x 3/4" | Set Screws & Nuts |
| BC33 | 3/8 x 1" | Set Screws & Nuts |
| BC34 | 3/8 x 1-1/4" | Bolts & Nuts |
| BC36 | 3/8 x 1-1/2" | Set Screws & Nuts |
| BC37 | 3/8 x 1-1/2" | Bolts & Nuts |
| BC38 | 3/8 x 1-3/4" | Bolts & Nuts |
| BC39 | 3/8 x 2" | Bolts & Nuts |
| BC40 | 3/8 x 2" | Set Screws & Nuts |
| BC42 | 3/8 x 2-1/2" | Bolts & Nuts |
| BC43 | 3/8 x 3" | Bolts & Nuts |
| BC44 | 3/8 x 3" | Set Screws & Nuts |
| BC45 | 3/8 x 3-1/2" | Bolts & Nuts |
| BC47 | 3/8 x 4" | Bolts & Nuts |
| BC50 | 7/16 x 1" | Set Screws & Nuts |
| BC52 | 7/16 x 1-1/4" | Set Screws & Nuts |
| BC54 | 7/16 x 1-1/2" | Set Screws & Nuts |
| BC55 | 7/16 x 1-1/2" | Bolts & Nuts |
| BC57 | 7/16 x 2" | Bolts & Nuts |
| BC58 | 7/16 x 2-1/2" | Bolts & Nuts |
| BC59 | 7/16 x 3" | Bolts & Nuts |
| BC60 | 7/16 x 3-1/2" | Bolts & Nuts |
| BC61 | 7/16 x 4" | Bolts & Nuts |
| BC62 | 1/2 x 1" | Set Screws & Nuts |
| BC63 | 1/2 x 1-1/4" | Set Screws & Nuts |
| BC65 | 1/2 x 1-1/2" | Bolts & Nuts |
| BC66 | 1/2 x 1-1/2" | Set Screws & Nuts |
| BC68 | 1/2 x 1-3/4" | Bolts & Nuts |
| BC69 | 1/2 x 2" | Bolts & Nuts |
| BC70 | 1/2 x 2" | Set Screws & Nuts |
| BC72 | 1/2 x 2-1/2" | Bolts & Nuts |
| BC74 | 1/2 x 3" | Bolts & Nuts |
| BC75 | 1/2 x 3-1/2" | Bolts & Nuts |
| BC76 | 1/2 x 4" | Bolts & Nuts |
| BC77 | 1/4" | Hexagon Nuts |
| BC78 | 5/16" | Hexagon Nuts |
| BC79 | 3/8" | Hexagon Nuts |
| BC80 | 7/16" | Hexagon Nuts |
| BC81 | 1/2" | Hexagon Nuts |

NYLON INSERT LOCK NUTS

| | | |
|-------|-------|------------------------|
| SLC77 | 1/4" | Nylon Insert Lock Nuts |
| SLC78 | 5/16" | Nylon Insert Lock Nuts |
| SLC79 | 3/8" | Nylon Insert Lock Nuts |
| SLC80 | 7/16" | Nylon Insert Lock Nuts |
| SLC81 | 1/2" | Nylon Insert Lock Nuts |



BN2

WALL MOUNTED FLANGE BOLTS & NUTS MERCHANDISER

Wall mountable merchandiser with a selection of:

- High Tensile Flange Bolts & Nuts
- Nylon Insert Self-Locking Nuts
- Socket Head Cap Screws

Includes:

- 3 x 56 types of High Tensile Bolts & Nuts
- Total of 168 Packs
- Packed in reusable clamshells, barcoded and colour coded by thread type
- Merchandiser Dimensions: 440mm x 1200mm (incl. header)

Champion
FASTENERS

WALL MOUNTED FLANGE BOLTS & NUTS

Part No. **BN2**

MERCHANDISER CONTENTS (56 TYPES)

HIGH TENSILE BOLTS & NUTS

| | | |
|--------|------------------|---------------------------|
| FBM12 | 5 x 16mm | Flange Bolts |
| FBM14 | 5 x 25mm | Flange Bolts |
| FBM21 | 6 x 16mm | Flange Bolts |
| FBM22 | 6 x 20mm | Flange Bolts |
| FBM23 | 6 x 25mm | Flange Bolts |
| FBM25 | 6 x 30mm | Flange Bolts |
| FBM27 | 6 x 40mm | Flange Bolts |
| FBM45 | 8 x 16mm | Flange Bolts |
| FBM47 | 8 x 20mm | Flange Bolts |
| FBM48 | 8 x 25mm | Flange Bolts |
| FBM51 | 8 x 30mm | Flange Bolts |
| FBM55 | 8 x 40mm | Flange Bolts |
| FBM57 | 8 x 50mm | Flange Bolts |
| FBM104 | 10 x 25 x 1.25mm | Flange Bolts |
| FBM106 | 10 x 35 x 1.25mm | Flange Bolts |
| FBM107 | 10 x 40 x 1.25mm | Flange Bolts |
| FBM110 | 10 x 50 x 1.25mm | Flange Bolts |
| FBM157 | M5 x 0.8 | Flange Nuts |
| FBM159 | M6 x 1.00 | Flange Nuts |
| FBM161 | M8 x 1.25 | Flange Nuts |
| FBM164 | M10 x 1.25 | Flange Nuts |
| SLC77 | UNC 1/4" | Nylon Insert Locking Nuts |
| SLC78 | UNC 5/16" | Nylon Insert Locking Nuts |
| SLC79 | UNC 3/8" | Nylon Insert Locking Nuts |
| SLC80 | UNC 7/16" | Nylon Insert Locking Nuts |
| SLC81 | UNC 1/2" | Nylon Insert Locking Nuts |
| SLF77 | UNF 1/4" | Nylon Insert Locking Nuts |
| SLF78 | UNF 5/16" | Nylon Insert Locking Nuts |
| SLF79 | UNF 3/8" | Nylon Insert Locking Nuts |
| SLF80 | UNF 7/16" | Nylon Insert Locking Nuts |
| SLF81 | UNF 1/2" | Nylon Insert Locking Nuts |
| SLM157 | M5 x 0.8 | Nylon Insert Locking Nuts |
| SLM158 | M6 x 1.00 | Nylon Insert Locking Nuts |
| SLM160 | M7 x 1.00 | Nylon Insert Locking Nuts |
| SLM161 | M8 x 1.25 | Nylon Insert Locking Nuts |
| SLM162 | M8 x 1.00 | Nylon Insert Locking Nuts |
| SLM163 | M10 x 1.5 | Nylon Insert Locking Nuts |
| SLM164 | M10 x 1.25 | Nylon Insert Locking Nuts |
| SLM165 | M10 x 1.00 | Nylon Insert Locking Nuts |
| SLM166 | M12 x 1.75 | Nylon Insert Locking Nuts |
| SLM167 | M12 x 1.5 | Nylon Insert Locking Nuts |
| SLM168 | M12 x 1.25 | Nylon Insert Locking Nuts |
| SHC3 | 1/4 x 3/4" | Socket Head Screws |
| SHC15 | 5/16 x 3/4" | Socket Head Screws |
| SHC17 | 5/16 x 1" | Socket Head Screws |
| SHC19 | 5/16 x 1-1/4" | Socket Head Screws |
| SHM21 | M6 x 16 | Socket Head Screws |
| SHM22 | M6 x 20 | Socket Head Screws |
| SHM23 | M6 x 25 | Socket Head Screws |
| SHM25 | M6 x 30 | Socket Head Screws |
| SHM27 | M6 x 40 | Socket Head Screws |
| SHM30 | M6 x 50 | Socket Head Screws |
| SHM34 | M6 x 70 | Socket Head Screws |
| SHM35 | M6 x 80 | Socket Head Screws |
| SHM45 | M8 x 16 | Socket Head Screws |
| SHM48 | M8 x 25 | Socket Head Screws |



BN56

WALL MOUNTED BOLTS & NUTS MERCHANDISER

Wall mountable merchandiser with a selection of popular products:

- High Tensile Metric, UNF & UNC Nuts & Bolts

Includes:

- 3 x 56 types of High Tensile Bolts & Nuts
- Total of 168 Packs
- Packed in reusable clamshells, barcoded and colour coded by thread type
- Merchandiser Dimensions: 440mm x 990mm (incl. header)

Champion
FASTENERS

WALL MOUNTED BOLTS & NUTS

Part No. **BN56**

MERCHANDISER CONTENTS (56 TYPES)

HIGH TENSILE BOLTS & NUTS

| | | |
|-------|-------------------|-------------------|
| BC1 | 1/4 x 1/2" UNC | Set Screws & Nuts |
| BC3 | 1/4 x 3/4" UNC | Set Screws & Nuts |
| BC4 | 1/4 x 1" UNC | Set Screws & Nuts |
| BC15 | 5/16 x 3/4" UNC | Set Screws & Nuts |
| BC17 | 5/16 x 1" UNC | Set Screws & Nuts |
| BC19 | 5/16 x 1-1/4" UNC | Set Screws & Nuts |
| BC21 | 5/16 x 1-1/2" UNC | Set Screws & Nuts |
| BC33 | 3/8 x 1" UNC | Set Screws & Nuts |
| BC34 | 3/8 x 1-1/4" UNC | Set Screws & Nuts |
| BC36 | 3/8 x 1-1/2" UNC | Set Screws & Nuts |
| BF1 | 1/4 x 1/2" UNF | Set Screws & Nuts |
| BF3 | 1/4 x 3/4" UNF | Set Screws & Nuts |
| BF4 | 1/4 x 1" UNF | Set Screws & Nuts |
| BF15 | 5/16 x 3/4" UNF | Set Screws & Nuts |
| BF17 | 5/16 x 1" UNF | Set Screws & Nuts |
| BF19 | 5/16 x 1-1/4" UNF | Set Screws & Nuts |
| BM12 | M5 x 16mm | Set Screws & Nuts |
| BM13 | M5 x 20mm | Set Screws & Nuts |
| BM14 | M5 x 25mm | Set Screws & Nuts |
| BM15 | M5 x 30mm | Set Screws & Nuts |
| BM18 | M5 x 50mm | Set Screws & Nuts |
| BM21 | M6 x 16mm | Set Screws & Nuts |
| BM22 | M6 x 20mm | Set Screws & Nuts |
| BM23 | M6 x 25mm | Set Screws & Nuts |
| BM25 | M6 x 30mm | Set Screws & Nuts |
| BM26 | M6 x 35mm | Set Screws & Nuts |
| BM27 | M6 x 40mm | Set Screws & Nuts |
| BM30 | M6 x 50mm | Set Screws & Nuts |
| BM32 | M6 x 60mm | Bolts & Nuts |
| BM34 | M6 x 70mm | Bolts & Nuts |
| BM35 | M6 x 80mm | Bolts & Nuts |
| BM40 | M7 x 35mm | Set Screws & Nuts |
| BM45 | M8 x 16mm | Set Screws & Nuts |
| BM47 | M8 x 20mm | Set Screws & Nuts |
| BM48 | M8 x 25mm | Set Screws & Nuts |
| BM51 | M8 x 30mm | Set Screws & Nuts |
| BM52 | M8 x 35mm | Set Screws & Nuts |
| BM55 | M8 x 40mm | Set Screws & Nuts |
| BM57 | M8 x 50mm | Bolts & Nuts |
| BM58 | M8 x 50mm | Set Screws & Nuts |
| BM60 | M8 x 60mm | Bolts & Nuts |
| BM65 | M8 x 75mm | Bolts & Nuts |
| BM70 | M8 x 100mm | Set Screws & Nuts |
| BM79 | M10 x 25mm | Set Screws & Nuts |
| BM83 | M10 x 35mm | Set Screws & Nuts |
| BM84 | M10 x 40mm | Set Screws & Nuts |
| BM88 | M10 x 50mm | Set Screws & Nuts |
| BM99 | M10 x 100mm | Set Screws & Nuts |
| BM102 | M10 x 1.0 x 35mm | Set Screws & Nuts |
| BM104 | M10 x 1.25 x 25mm | Set Screws & Nuts |
| BM106 | M10 x 1.25 x 35mm | Set Screws & Nuts |
| BM109 | M10 x 1.25 x 45mm | Set Screws & Nuts |
| BM110 | M10 x 1.25 x 50mm | Set Screws & Nuts |
| BM112 | M10 x 1.25 x 70mm | Bolts & Nuts |
| BM150 | M12 x 1.25 x 35mm | Set Screws & Nuts |
| BM152 | M12 x 1.25 x 50mm | Set Screws & Nuts |



CVH1

VACUUM HOSE & TUBE CONNECTORS

This wall merchandiser carries a popular selection of vacuum and fuel hose fittings. All packaged in reusable blisters, designed to be sold at one price.

These fittings are ideal for automotive and industrial use. They are fuel compatible with connectors, manufactured from acetal resin and feature tapered thread fittings made from polyimide 6.

- 2 & 3 Way Barb Fittings
- Hex Plugs
- 'Y' Barbs
- 'T' Barbs
- Straight Barbs
- Male Hose Tails
- Vacuum Caps

Champion
FASTENERS

VACUUM HOSE & TUBE CONNECTORS

Part No. **CVH1**

Includes:

- 3 x 49 types of Vacuum Connector Packs
- Total of 147 packs
- Merchandiser Dimensions: 400mm x 1100mm (incl. header board)

MERCHANDISER CONTENTS (49 TYPES)

| | | |
|-------|-------------------|------------------------------|
| CVC1 | 3mm | 'T' Piece |
| CVC2 | 5mm | 'T' Piece |
| CVC3 | 6mm | 'T' Piece |
| CVC4 | 8mm | 'T' Piece |
| CVC5 | 10mm | 'T' Piece |
| CVC6 | 3mm | 90° Elbows |
| CVC7 | 5mm | 90° Elbows |
| CVC8 | 6mm | 90° Elbows |
| CVC9 | 8mm | 90° Elbows |
| CVC10 | 10mm | 90° Elbows |
| CVC11 | 3mm - 4mm - 3mm | Reducing 'T' Piece |
| CVC12 | 4mm - 6mm - 4mm | Reducing 'T' Piece |
| CVC13 | 6mm - 4mm - 6mm | Reducing 'T' Piece |
| CVC14 | 8mm - 4mm - 8mm | Reducing 'T' Piece |
| CVC15 | 8mm - 6mm - 8mm | Reducing 'T' Piece |
| CVC16 | 10mm - 6mm - 10mm | Reducing 'T' Piece |
| CVC17 | 3mm | Straight Connectors |
| CVC18 | 5mm | Straight Connectors |
| CVC19 | 6mm | Straight Connectors |
| CVC20 | 8mm | Straight Connectors |
| CVC21 | 10mm | Straight Connectors |
| CVC22 | 4mm - 3mm | Reducing Straight Connectors |
| CVC23 | 6mm - 4mm | Reducing Straight Connectors |
| CVC24 | 8mm - 6mm | Reducing Straight Connectors |
| CVC25 | 10mm - 6mm | Reducing Straight Connectors |
| CVC26 | 10mm - 8mm | Reducing Straight Connectors |
| CVC27 | 5mm | 4 Way 'X' Piece |
| CVC28 | Piece 6mm | 4 Way 'X' Piece |
| CVC29 | 3mm | 3 Way 'Y' Piece |
| CVC30 | 5mm | 3 Way 'Y' Piece |
| CVC31 | 6mm | 3 Way 'Y' Piece |
| CVC32 | 8mm | 3 Way 'Y' Piece |
| CVC33 | 10mm | 3 Way 'Y' Piece |
| CVC34 | 6mm - 8mm - 6mm | Reducing "Y" Piece |
| CVC35 | 4mm x 1/4" BSP | Tailpiece |
| CVC36 | 5mm x 1/4" BS | Tailpiece |
| CVC37 | 6mm x 1/4" BSP | Tailpiece |
| CVC38 | 8mm x 1/4" BSP | Tailpiece |
| CVC39 | 6mm x 1/4" BSP | Elbows |
| CVC40 | 8mm x 1/4" BSP | Elbows |
| CVC41 | 1/8" BSP | Hex Taper Plugs |
| CVC42 | 1/4" BSP | Hex Taper Plugs |
| CVC43 | 3/8" BSP | Hex Taper Plugs |
| CVC44 | 3mm | Caps |
| CVC45 | 4mm | Caps |
| CVC46 | 5mm | Caps |
| CVC47 | 6mm | Caps |
| CVC48 | 8mm | Caps |
| CVC49 | 10mm | Caps |



HSA264

HANDY PACK MERCHANDISER

This merchandiser includes a selection of popular products:

- Rubber Grommets
- Blanking & Wiring Grommets
- Manifold Nuts
- Grease Nipples
- Nickel Plated Screws & Nuts
- Extension Springs
- Metal Machine Screws & Nuts
- Washers: Copper, Fibre, Flat, Steel, Star
- Body, Spring & Drain (Sump) Plugs
- Trim Clips, Xmas Tree & Canoe Clips
- Roofing Screws & Nuts
- Self-Tapping Screws
- Speed Nuts
- Split Pins
- Fuses: Glass & Blade
- Rivets

Champion
FASTENERS

HANDY PACKS

Part No. **HSA264**

Includes:

- 5 x 196 types of Handy Packs
- 3 x 56 types of 316 Stainless Steel Packs
- 3 x 10 types of Blister Assortments
- Total of 1178 Packs
- Merchandiser Dimensions: 600mm x 1610mm (incl. header board)

Merchandiser contents listing on pages 171-173

MERCHANDISER CONTENTS (262 TYPES)

WIRING GROMMETS - RUBBER

| | |
|-------|---------------|
| BH001 | 1/8 x 9/32" |
| BH002 | 3/16 x 5/16" |
| BH003 | 1/4 x 1/2" |
| BH004 | 5/16 x 17/32" |
| BH006 | 3/8 x 5/8" |
| BH007 | 3/8 x 3/4" |
| BH008 | 7/16 x 3/4" |
| BH009 | 1/2 x 21/32" |
| BH010 | 5/8 x 1" |
| BH011 | 3/4 x 15/16" |



BLANKING GROMMETS - RUBBER

| | |
|-------|-------------------|
| BH017 | 5/16" Panel Hole |
| BH018 | 3/8" Panel Hole |
| BH019 | 1/2" Panel Hole |
| BH020 | 5/8" Panel Hole |
| BH021 | 3/4" Panel Hole |
| BH022 | 7/8" Panel Hole |
| BH023 | 1" Panel Hole |
| BH024 | 1-1/8" Panel Hole |



EXTENSION SPRINGS

| | |
|-------|----------------------|
| BH036 | 3 x 7/16" x 18G |
| BH037 | 2-1/2 x 11/32" x 20G |
| BH038 | 3-1/8 x 11/32" x 20G |
| BH039 | 2-7/8 x 9/32" x 21G |
| BH040 | 2 x 9/32" x 21G |



GREASE NIPPLES

| | |
|-------|----------------------|
| BH053 | 1/4 UNF Straight |
| BH054 | 1/4 UNF 45° |
| BH057 | 1/8 BSP Straight |
| BH061 | 1/4 UNF x 1-1/4 Long |
| BH062 | 1/4 UNF 90° |
| BH063 | 6mm Straight |
| BH064 | 6mm 45° |



COPPER WASHERS 20G

| | |
|-------|---------------|
| BH067 | 1/4 x 9/6" |
| BH068 | 5/16 x 5/8" |
| BH069 | 3/8 x 3/4" |
| BH070 | 7/16 x 13/16" |
| BH071 | 1/2 x 7/8" |
| BH072 | 5/8 x 1" |
| BH073 | 3/4 x 1-1/8" |



Listing continued...

FINE THREAD SCREWS & NUTS

| | |
|-------|----------------|
| BH077 | 6/40 x 3/4" |
| BH078 | 6/40 x 1" |
| BH079 | 8/36 x 1/2" |
| BH080 | 8/36 x 3/4" |
| BH081 | 8/36 x 1" |
| BH082 | 8/36 x 1-1/4" |
| BH083 | 10/32 x 1/2" |
| BH084 | 10/32 x 1" |
| BH086 | 10/32 x 1-1/2" |



ROOFING BOLTS & NUTS

| | |
|-------|---------------|
| BH090 | 3/16 x 1/2" |
| BH091 | 3/16 x 3/4" |
| BH092 | 3/16 x 1" |
| BH093 | 3/16 x 1-1/2" |
| BH094 | 1/4 x 3/4" |
| BH095 | 1/4 x 1" |
| BH096 | 1/4 x 1-1/2" |



SPEED NUTS

| | |
|-------|---------------------|
| BH097 | 8G x 31/32 x 7/16" |
| BH098 | 10G x 13/16 x 1/2" |
| BH099 | 6G x 21/32 x 7/16" |
| BH101 | 1/8 x 1/2 x 5/16" |
| BH103 | 3/16 x 5/8 x 3/8" |
| BH106 | 8G x 21/32 x 7/16" |
| BH107 | 8G x 13/32 x 11/32" |



FIBRE WASHERS (1/32" THICK)

| | |
|-------|--------------|
| BH109 | 3/16 x 1/2" |
| BH110 | 1/4 x 9/16" |
| BH111 | 5/16 x 5/8" |
| BH112 | 3/8 x 3/4" |
| BH113 | 1/2 x 7/8" |
| BH114 | 5/8 x 1" |
| BH115 | 3/4 x 1-1/8" |



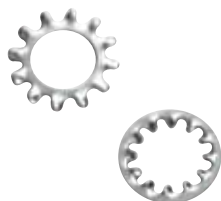
SELF-TAPPING SCREWS – PAN HEAD

| | |
|-------|-------------|
| BH121 | 8G x 1" |
| BH123 | 14G x 1/2" |
| BH125 | 14G x 3/4" |
| BH151 | 6G x 3/8" |
| BH152 | 8G x 1/2" |
| BH153 | 10G x 1/2" |
| BH158 | 10G x 1" |
| BH160 | 6G x 1/2" |
| BH165 | 10G x 3/4" |
| BH166 | 12G x 1" |
| BH498 | 6G x 1" |
| BH502 | 6G x 3/4" |
| BH503 | 8G x 3/4" |
| BH504 | 8G x 1-1/2" |



EXTERNAL STAR WASHERS

| | |
|-------|-------|
| BH127 | 3/16" |
| BH128 | 1/4" |
| BH129 | 5/16" |

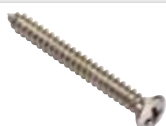


INTERNAL STAR WASHERS

| | |
|-------|-------|
| BH134 | 3/16" |
| BH135 | 1/4" |
| BH136 | 5/16" |

SELF-TAPPING SCREWS – RAISED HEAD

| | |
|-------|-------------|
| BH147 | 8G x 1" |
| BH149 | 8G x 1-1/2" |
| BH150 | 10G x 3/4" |
| BH156 | 8G x 3/4" |
| BH505 | 10G x 1" |



FLAT STEEL WASHERS

| | |
|-------|-------|
| BH170 | 3/16" |
| BH171 | 1/4" |
| BH172 | 5/16" |
| BH173 | 3/8" |
| BH174 | 7/16" |
| BH175 | 1/2" |
| BH176 | 5/8" |
| BH177 | 3/4" |
| BH702 | 6mm |
| BH703 | 10mm |
| BH704 | 12mm |



SPLIT PINS

| | |
|-------|---------------|
| BH178 | 1.6 x 22mm |
| BH179 | 2.0 x 22mm |
| BH180 | 2.0 x 36mm |
| BH181 | 2.5 x 25mm |
| BH182 | 2.5 x 32mm |
| BH183 | 7/64 x 2" |
| BH184 | 7/64 x 1-1/4" |
| BH185 | 3.2 x 32mm |
| BH186 | 3.2 x 50mm |
| BH187 | 9/64 x 2" |
| BH188 | 4.0 x 50mm |
| BH193 | 2.5 x 50mm |
| BH194 | 5.0 x 50mm |



PANEL (BODY) WASHERS

| | |
|-------|---------------|
| BH226 | 1/4 x 1-1/4" |
| BH227 | 5/16 x 1-1/4" |
| BH228 | 3/8 x 1-1/4" |



EXTERNAL SHAFT LOCKING RINGS

| | |
|-------|------|
| BH260 | 4mm |
| BH261 | 5mm |
| BH262 | 6mm |
| BH263 | 8mm |
| BH264 | 10mm |



'R' CLIPS

| | |
|-------|--------------------------|
| BH270 | Suits 3/16 to 1/4" Shaft |
| BH271 | Suits 1/4 to 3/8" Shaft |
| BH272 | Suits 5/16 to 1/2" Shaft |
| BH273 | Suits 3/8 to 1/2" Shaft |
| BH274 | Suits 7/16 to 3/4" Shaft |
| BH275 | Suits 5/8 to 7/8" Shaft |



SELF-DRILLING SCREWS

| | |
|-------|-----------------|
| BH280 | 10G x 16 x 16mm |
| BH281 | 10G x 16 x 22mm |
| BH282 | 10G x 16 x 30mm |
| BH283 | 8G x 18 x 22mm |
| BH284 | 8G x 18 x 16mm |
| BH285 | 8G x 18 x 20mm |
| BH286 | 8G x 18 x 25mm |



MANIFOLD STUDS & NUTS

| | |
|-------|-------------------------------|
| BH290 | 3/8 x 2" UNC |
| BH291 | 8 x 38mm |
| BH292 | 7/16 x 2-1/4" UNC |
| BH293 | 10 x 43 x 1.25mm |
| BH294 | 10 x 40 x 1.5mm |
| BH295 | 3/8 x 3" UNC |
| BH296 | 3/8 x 1" UNC (Extractor Bolt) |



SPRING WASHERS

| | |
|-------|-------|
| BH328 | 1/4" |
| BH329 | 5/16" |
| BH330 | 3/8" |
| BH332 | 1/2" |
| BH336 | 6mm |
| BH338 | 10mm |
| BH713 | 7/16" |
| BH714 | 12mm |



TRIM FASTENERS – PLASTIC

| | |
|-------|-----------------------|
| BH425 | Canoe, Black |
| BH437 | Xmas Tree Clip, Black |

TRIM FASTENERS

| | |
|-------|---------------------|
| BH438 | Universal Door Trim |
| BH439 | 6mm Scrivet |
| BH440 | 6G Screw Grommet |
| BH441 | 8G Screw Grommet |
| BH442 | 10G Screw Grommet |



MACHINE SCREWS – METRIC

| | |
|-------|----------|
| BH620 | 4 x 10mm |
| BH621 | 5 x 16mm |
| BH622 | 5 x 20mm |
| BH623 | 6 x 16mm |
| BH624 | 6 x 20mm |



DRAIN (SUMP) PLUG WASHERS

| | |
|-------|------------------------|
| BH631 | 1/2" Suit No.1 Plug |
| BH632 | 1/2" O/S Suit No.1 O/S |
| BH633 | 5/8" Suit No.3 Plug |
| BH634 | 14mm Suit M14 Plug |
| BH635 | 18mm Suit M18 Plug |



ALUMINIUM RIVETS

| | |
|-------|--------------|
| BH721 | 1/8" Medium |
| BH724 | 5/32" Medium |
| BH727 | 3/16" Medium |



SELF-TAPPING SCREWS – BLACK ZINC

| | |
|-------|-------------|
| BH731 | 6G x 1/2" |
| BH732 | 6G x 3/4" |
| BH733 | 6G x 1" |
| BH734 | 8G x 3/8" |
| BH735 | 8G x 5/8" |
| BH736 | 8G x 3/4" |
| BH737 | 8G x 1" |
| BH738 | 8G x 1-1/2" |
| BH739 | 10G x 1/2" |
| BH740 | 10G x 3/4" |
| BH741 | 10G x 1" |
| BH742 | 12G x 1" |



SELF-TAPPING SCREWS WASHER FACE – BLACK ZINC

| | |
|-------|------------|
| BH750 | 6G x 1/2" |
| BH751 | 6G x 3/4" |
| BH752 | 8G x 1/2" |
| BH753 | 8G x 3/4" |
| BH754 | 8G x 1" |
| BH755 | 10G x 1/2" |
| BH756 | 10G x 3/4" |
| BH757 | 12G x 1" |



STAINLESS STEEL 316/A4

| | | |
|-------|------------|---------------------------------|
| CSP02 | 6G x 1/2" | Self-Tapping Screws Countersunk |
| CSP03 | 6G x 3/4" | Self-Tapping Screws Countersunk |
| CSP04 | 6G x 1" | Self-Tapping Screws Countersunk |
| CSP05 | 8G x 3/4" | Self-Tapping Screws Countersunk |
| CSP06 | 8G x 1" | Self-Tapping Screws Countersunk |
| CSP07 | 10G x 3/4" | Self-Tapping Screws Countersunk |
| CSP08 | 10G x 1" | Self-Tapping Screws Countersunk |
| CSP09 | 4G x 5/8" | Self-Tapping Screws Pan Head |
| CSP10 | 6G x 1/2" | Self-Tapping Screws Pan Head |
| CSP11 | 6G x 3/4" | Self-Tapping Screws Pan Head |
| CSP12 | 6G x 1" | Self-Tapping Screws Pan Head |
| CSP13 | 8G x 3/8" | Self-Tapping Screws Pan Head |
| CSP14 | 8G x 1/2" | Self-Tapping Screws Pan Head |
| CSP15 | 8G x 3/4" | Self-Tapping Screws Pan Head |
| CSP16 | 8G x 1" | Self-Tapping Screws Pan Head |
| CSP17 | 10G x 1/2" | Self-Tapping Screws Pan Head |
| CSP18 | 10G x 1" | Self-Tapping Screws Pan Head |
| CSP19 | 6 x 25mm | Machine Screws & Nuts Pan Head |
| CSP20 | 6 x 50mm | Machine Screws & Nuts Pan Head |
| CSP21 | 6 x 25mm | Machine Screws & Nuts Pan Head |
| CSP22 | 6 x 50mm | Machine Screws & Nuts Pan Head |
| CSP23 | 6 x 32mm | Split Pins |
| CSP24 | 2 x 40mm | Split Pins |
| CSP25 | 2.5 x 40mm | Split Pins |
| CSP26 | 3.2 x 50mm | Split Pins |
| CSP27 | 4mm | Spring Washers |
| CSP28 | 5mm | Spring Washers |
| CSP29 | 6mm | Spring Washers |
| CSP30 | 8mm | Spring Washers |
| CSP31 | 10mm | Spring Washers |
| CSP32 | 4mm | Flat Washers |
| CSP33 | 5mm | Flat Washers |
| CSP34 | 6mm | Flat Washers |
| CSP35 | 8mm | Flat Washers |
| CSP36 | 10mm | Flat Washers |
| CSP37 | 4 x 20mm | Set Screws & Nuts |
| CSP38 | 4 x 35mm | Set Screws & Nuts |
| CSP39 | 5 x 25mm | Set Screws & Nuts |
| CSP40 | 5 x 35mm | Set Screws & Nuts |
| CSP41 | 6 x 16mm | Set Screws & Nuts |
| CSP42 | 6 x 25mm | Set Screws & Nuts |
| CSP43 | 6 x 40mm | Set Screws & Nuts |
| CSP44 | 8 x 25mm | Set Screws & Nuts |
| CSP45 | 8 x 35mm | Set Screws & Nuts |
| CSP46 | 8 x 40mm | Set Screws & Nuts |
| CSP47 | 8 x 50mm | Set Screws & Nuts |
| CSP48 | 10 x 25mm | Set Screws & Nuts |
| CSP49 | 10 x 35mm | Set Screws & Nuts |
| CSP50 | 10 x 50mm | Set Screws & Nuts |
| CSP51 | 5 x 10mm | Socket Head Screws |
| CSP52 | 5 x 25mm | Socket Head Screws |
| CSP53 | 6 x 16mm | Socket Head Screws |
| CSP54 | 6 x 25mm | Socket Head Screws |
| CSP55 | 8 x 16mm | Socket Head Screws |
| CSP56 | 8 x 25mm | Socket Head Screws |
| CSP57 | 10 x 25mm | Socket Head Screws |

BLISTER ASSORTMENTS

| | |
|-------|--------------------------------------|
| CBB1 | Blister Clevis Pin Assortment |
| CBB2 | Blister 'R' Clip Assortment |
| CBB3 | Blister Roll Pin Assortment |
| CBB4 | Blister Imperial 'O' Ring Assortment |
| CBB5 | Blister Metric 'O' Ring Assortment |
| CBB7 | Blister Metric Grub Screw Assortment |
| CBB8 | Blister Fibre Washer Assortment |
| CBB9 | Blister Circlip Assortment |
| CBB10 | Blister 'E' Clip Assortment |
| CBB11 | Blister Sump Plug Assortment |



COMBO STAND MERCHANDISER Part No. HSAB264



FRONT PROFILE



REAR PROFILE

HSAB264 COMBO STAND MERCHANDISER

This free-standing merchandiser contains a carefully selected range of the most popular products.

A combination of products from BN254 and HSA264 are merged in this one merchandiser, and is suitable for smaller stores that require a smaller product range on one stand. Suitable for many industries, including automotive, hardware and industrial.

- Handy Packs
- High Tensile Bolts & Nuts
- 316 Stainless Steel
- Blister Assortments

Includes:

- 5 x 98 types of Handy Packs
- 3 x 98 types of High Tensile Bolt & Nut Packs
- 3 x 56 types of 316 Stainless Steel Packs
- 3 x 10 types of Blister Assortments
- Total of 982 Packs

Time saving thread tester is incorporated into stand



Merchandiser contents listing on pages 175-177

MERCHANDISER CONTENTS (262 TYPES)

WIRING GROMMETS – RUBBER

| | |
|-------|---------------|
| BH001 | 1/8 x 9/32" |
| BH002 | 3/16 x 5/16" |
| BH003 | 1/4 x 1/2" |
| BH004 | 5/16 x 17/32" |
| BH006 | 3/8 x 5/8" |
| BH007 | 3/8 x 3/4" |
| BH008 | 7/16 x 3/4" |
| BH009 | 1/2 x 21/32" |
| BH010 | 5/8 x 1" |
| BH011 | 3/4 x 15/16" |



BLANKING GROMMETS – RUBBER

| | |
|-------|-------------------|
| BH017 | 5/16" Panel Hole |
| BH018 | 3/8" Panel Hole |
| BH019 | 1/2" Panel Hole |
| BH020 | 5/8" Panel Hole |
| BH021 | 3/4" Panel Hole |
| BH022 | 7/8" Panel Hole |
| BH023 | 1" Panel Hole |
| BH024 | 1-1/8" Panel Hole |



EXTENSION SPRINGS

| | |
|-------|----------------------|
| BH036 | 3 x 7/16" x 18G |
| BH037 | 2-1/2 x 11/32" x 20G |
| BH038 | 3-1/8 x 11/32" x 20G |
| BH040 | 2 x 9/32" x 21G |



GREASE NIPPLES

| | |
|-------|-----------------------|
| BH053 | 1/4" UNF Straight |
| BH054 | 1/4" UNF 45° |
| BH057 | 1/8" BSP Straight |
| BH061 | 1/4" UNF x 1-1/4 Long |
| BH062 | 1/4" UNF 90° |
| BH063 | 6mm Straight |
| BH064 | 6mm 45° |



COPPER WASHERS 20G

| | |
|-------|---------------|
| BH068 | 5/16 x 5/8" |
| BH069 | 3/8 x 3/4" |
| BH070 | 7/16 x 13/16" |
| BH071 | 1/2 x 7/8" |



FINE THREAD SCREWS & NUTS

| | |
|-------|----------------|
| BH079 | 8/36 x 1/2" |
| BH082 | 8/36 x 1-1/4" |
| BH083 | 10/32 x 1/2" |
| BH084 | 10/32 x 1" |
| BH086 | 10/32 x 1-1/2" |



ROOFING BOLTS & NUTS

| | |
|-------|---------------|
| BH090 | 3/16 x 1/2" |
| BH091 | 3/16 x 3/4" |
| BH092 | 3/16 x 1" |
| BH093 | 3/16 x 1-1/2" |



SPEED NUTS (CLIPS)

| | |
|-------|--------------------|
| BH097 | 8G x 31/32 x 7/16" |
| BH098 | 10G x 13/16 x 1/2" |
| BH099 | 6G x 21/32 x 7/16" |
| BH106 | 8G x 21/32 x 7/16" |



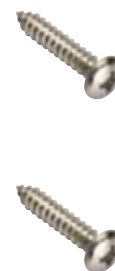
FIBRE WASHERS (1/32" THICK)

| | |
|-------|-------------|
| BH109 | 3/16 x 1/2" |
| BH110 | 1/4 x 9/16" |



SELF-TAPPING SCREWS – PAN HEAD

| | |
|-------|------------|
| BH125 | 14G x 3/4" |
| BH151 | 6G x 3/8" |
| BH152 | 8G x 1/2" |
| BH153 | 10G x 1/2" |
| BH156 | 8G x 3/4" |
| BH158 | 10G x 1" |
| BH160 | 6G x 1/2" |
| BH165 | 10G x 3/4" |
| BH166 | 12G x 1" |
| BH503 | 8G x 3/4" |



FLAT STEEL WASHERS

| | |
|-------|-------|
| BH170 | 3/16" |
| BH171 | 1/4" |
| BH172 | 5/16" |
| BH173 | 3/8" |
| BH174 | 7/16" |
| BH175 | 1/2" |
| BH702 | 6mm |



SPLIT PINS

| | |
|-------|---------------|
| BH178 | 1.6 x 22mm |
| BH180 | 2.0 x 36mm |
| BH181 | 2.5 x 25mm |
| BH183 | 7/64 x 2" |
| BH184 | 7/64 x 1-1/4" |
| BH185 | 3.2 x 32mm |
| BH186 | 3.2 x 50mm |
| BH187 | 9/64 x 2" |
| BH188 | 4.0 x 50mm |
| BH193 | 2.5 x 50mm |
| BH194 | 5.0 x 50mm |



Listing continued...

PANEL (BODY) WASHERS

| | |
|-------|---------------|
| BH226 | 1/4 x 1-1/4" |
| BH227 | 5/16 x 1-1/4" |
| BH228 | 3/8 x 1-1/4" |



SPRING WASHERS

| | |
|-------|-------|
| BH328 | 1/4" |
| BH329 | 5/16" |
| BH330 | 3/8" |
| BH332 | 1/2" |
| BH336 | 6mm |
| BH338 | 10mm |
| BH713 | 7/16" |



TRIM FASTENERS – PLASTIC

| | |
|-------|-----------------------|
| BH425 | Canoe, Black |
| BH437 | Xmas Tree Clip, Black |



TRIM FASTENERS

| | |
|-------|---------------------|
| BH438 | Universal Door Trim |
|-------|---------------------|



MACHINE SCREWS – METRIC

| | |
|-------|----------|
| BH620 | 4 x 10mm |
| BH621 | 5 x 16mm |
| BH623 | 6 x 16mm |
| BH624 | 6 x 20mm |



DRAIN (SUMP) PLUG WASHERS

| | |
|-------|------------------------|
| BH632 | 1/2" O/S Suit No.1 O/S |
| BH633 | 5/8" Suit No.3 Plug |
| BH634 | 14mm Suit M14 Plug |
| BH635 | 18mm Suit M18 Plug |



UNC THREAD

| | | |
|------|---------------|-------------------|
| BC1 | 1/4 x 1/2" | Set Screws & Nuts |
| BC3 | 1/4 x 3/4" | Set Screws & Nuts |
| BC4 | 1/4 x 1" | Set Screws & Nuts |
| BC6 | 1/4 x 1-1/4" | Set Screws & Nuts |
| BC8 | 1/4 x 1-1/2" | Set Screws & Nuts |
| BC11 | 1/4 x 2" | Set Screws & Nuts |
| BC13 | 1/4 x 2-1/2" | Bolts & Nuts |
| BC15 | 5/16 x 3/4" | Set Screws & Nuts |
| BC17 | 5/16 x 1" | Set Screws & Nuts |
| BC19 | 5/16 x 1-1/4" | Set Screws & Nuts |
| BC20 | 5/16 x 1-1/2" | Bolts & Nuts |
| BC21 | 5/16 x 1-1/2" | Set Screws & Nuts |
| BC23 | 5/16 x 2" | Bolts & Nuts |
| BC26 | 5/16 x 2-1/2" | Bolts & Nuts |
| BC28 | 5/16 x 3" | Bolts & Nuts |
| BC31 | 3/8 x 3/4" | Set Screws & Nuts |
| BC33 | 3/8 x 1" | Set Screws & Nuts |

UNC THREAD *Continued*

| | | | |
|------|---|--------------|--------------------|
| BC34 | B | 3/8 x 1-1/4" | Set Screws & Nuts |
| BC36 | B | 3/8 x 1-1/2" | Set Screws & Nuts |
| BC37 | B | 3/8 x 1-1/2" | Bolts & Nuts |
| BC40 | B | 3/8 x 2" | Set Screws & Nuts |
| BC42 | B | 3/8 x 2-1/2" | Bolts & Nuts |
| BC43 | B | 3/8 x 3" | Bolts & Nuts |
| BC50 | B | 7/16 x 1" | FSet Screws & Nuts |
| BC78 | A | 5/16" UNC | Hex Nuts |
| BC79 | A | 3/8" UNC | Hex Nuts |

UNF THREAD

| | | | |
|------|---|---------------|-------------------|
| BF1 | A | 1/4 x 1/2" | Set Screws & Nuts |
| BF3 | A | 1/4 x 3/4" | Set Screws & Nuts |
| BF4 | A | 1/4 x 1" | Set Screws & Nuts |
| BF8 | A | 1/4 x 1-1/2" | Set Screws & Nuts |
| BF15 | A | 5/16 x 3/4" | Set Screws & Nuts |
| BF17 | A | 5/16 x 1" | Set Screws & Nuts |
| BF19 | A | 5/16 x 1-1/4" | Set Screws & Nuts |
| BF21 | A | 5/16 x 1-1/2" | Set Screws & Nuts |
| BF23 | B | 5/16 x 2" | Bolts & Nuts |
| BF26 | A | 5/16 x 2-1/2" | Bolts & Nuts |
| BF31 | A | 3/8 x 3/4" | Set Screws & Nuts |
| BF33 | B | 3/8 x 1" | Set Screws & Nuts |
| BF34 | B | 3/8 x 1-1/4" | Set Screws & Nuts |
| BF36 | B | 3/8 x 1-1/2" | Set Screws & Nuts |
| BF78 | A | 5/16" UNF | Hex Nuts |
| BF79 | A | 3/8" UNF | Hex Nuts |

METRIC THREAD

| | | | |
|------|---|-----------|-------------------|
| BM12 | A | 5 x 16mm | Set Screws & Nuts |
| BM13 | A | 5 x 20mm | Set Screws & Nuts |
| BM14 | A | 5 x 25mm | Set Screws & Nuts |
| BM15 | A | 5 x 30mm | Set Screws & Nuts |
| BM18 | A | 5 x 50mm | Set Screws & Nuts |
| BM21 | A | 6 x 16mm | Set Screws & Nuts |
| BM22 | A | 6 x 20mm | Set Screws & Nuts |
| BM23 | A | 6 x 25mm | Set Screws & Nuts |
| BM25 | A | 6 x 30mm | Set Screws & Nuts |
| BM26 | A | 6 x 35mm | Set Screws & Nuts |
| BM27 | A | 6 x 40mm | Set Screws & Nuts |
| BM29 | A | 6 x 50mm | Bolts & Nuts |
| BM30 | A | 6 x 50mm | Set Screws & Nuts |
| BM32 | A | 6 x 60mm | Bolts & Nuts |
| BM34 | A | 6 x 70mm | Bolts & Nuts |
| BM35 | A | 6 x 80mm | Bolts & Nuts |
| BM37 | A | 6 x 100mm | Bolts & Nuts |
| BM40 | A | 7 x 35mm | Set Screws & Nuts |
| BM45 | A | 8 x 16mm | Set Screws & Nuts |
| BM47 | A | 8 x 20mm | Set Screws & Nuts |
| BM48 | A | 8 x 25mm | Set Screws & Nuts |
| BM51 | A | 8 x 30mm | Set Screws & Nuts |
| BM52 | A | 8 x 35mm | Set Screws & Nuts |
| BM55 | A | 8 x 40mm | Set Screws & Nuts |
| BM57 | A | 8 x 50mm | Bolts & Nuts |

METRIC THREAD *Continued*

| | | | |
|-------|---|----------------|----------------------------------|
| BM58 | A | 8 x 50mm | Fully Threaded Set Screws & Nuts |
| BM60 | B | 8 x 60mm | Bolts & Nuts |
| BM63 | A | 8 x 65mm | Bolts & Nuts |
| BM65 | B | 8 x 75mm | Bolts & Nuts |
| BM67 | A | 8 x 80mm | Bolts & Nuts |
| BM69 | B | 8 x 100mm | Bolts & Nuts |
| BM70 | C | 8 x 100mm | Set Screws & Nuts |
| BM79 | B | 10 x 25mm | Set Screws & Nuts |
| BM83 | B | 10 x 35mm | Set Screws & Nuts |
| BM84 | B | 10 x 40mm | Set Screws & Nuts |
| BM88 | C | 10 x 50mm | Set Screws & Nuts |
| BM98 | B | 10 x 100mm | Bolts & Nuts |
| BM99 | C | 10 x 100mm | Set Screws & Nuts |
| BM102 | B | 10 x 35 x 1.0 | Set Screws & Nuts |
| BM104 | A | 10 x 25 x 1.25 | Set Screws & Nuts |
| BM106 | B | 10 x 35 x 1.25 | Set Screws & Nuts |
| BM109 | B | 10 x 45 x 1.25 | Set Screws & Nuts |
| BM110 | B | 10 x 50 x 1.25 | Set Screws & Nuts |
| BM112 | C | 10 x 70 x 1.25 | Bolts & Nuts |
| BM116 | C | 12 x 30mm | Set Screws & Nuts |
| BM120 | B | 12 x 40mm | Set Screws & Nuts |
| BM135 | C | 12 x 100mm | Bolts & Nuts |
| BM136 | C | 12 x 100mm | Set Screws & Nuts |
| BM152 | B | 12 x 50 x 1.25 | Set Screws & Nuts |
| BM157 | A | 5 x 0.8mm | Metric Hex Nuts |
| BM159 | A | 6 x 1.0mm | Metric Hex Nuts |
| BM161 | A | 8 x 1.25mm | Metric Hex Nuts |
| BM163 | A | 10 x 1.5mm | Metric Hex Nuts |
| BM164 | A | 10 x 1.25mm | Metric Hex Nuts |
| BM166 | A | 12 x 1.75mm | Metric Hex Nuts |
| BM168 | A | 12 x 1.25mm | Metric Hex Nuts |

STAINLESS STEEL 316/A4

| | | | |
|-------|---|------------|---------------------------------|
| CSP02 | A | 6G x 1/2" | Self-Tapping Screws Countersunk |
| CSP03 | B | 6G x 3/4" | Self-Tapping Screws Countersunk |
| CSP04 | B | 6G x 1" | Self-Tapping Screws Countersunk |
| CSP05 | B | 8G x 3/4" | Self-Tapping Screws Countersunk |
| CSP06 | B | 8G x 1" | Self-Tapping Screws Countersunk |
| CSP07 | B | 10G x 3/4" | Self-Tapping Screws Countersunk |
| CSP08 | B | 10G x 1" | Self-Tapping Screws Countersunk |
| CSP09 | B | 4G x 5/8" | Self-Tapping Screws Pan Head |
| CSP10 | B | 6G x 1/2" | Self-Tapping Screws Pan Head |
| CSP11 | B | 6G x 3/4" | Self-Tapping Screws Pan Head |
| CSP12 | B | 6G x 1" | Self-Tapping Screws Pan Head |
| CSP13 | B | 8G x 3/8" | Self-Tapping Screws Pan Head |
| CSP14 | B | 8G x 1/2" | Self-Tapping Screws Pan Head |
| CSP15 | B | 8G x 3/4" | Self-Tapping Screws Pan Head |
| CSP16 | B | 8G x 1" | Self-Tapping Screws Pan Head |
| CSP17 | B | 10G x 1/2" | Self-Tapping Screws Pan Head |
| CSP18 | B | 10G x 1" | Self-Tapping Screws Pan Head |
| CSP19 | A | 6 x 25mm | Machine Screw & Nuts Pan Head |

STAINLESS STEEL 316/A4 *Continued*

| | | | |
|-------|---|------------|----------------------------------|
| CSP20 | A | 6 x 50mm | Machine Screw & Nuts Pan Head |
| CSP21 | A | 6 x 25mm | Machine Screw & Nuts Countersunk |
| CSP22 | A | 6 x 50mm | Machine Screw & Nuts Countersunk |
| CSP23 | A | 6 x 32mm | Split Pins |
| CSP24 | B | 2 x 40mm | Split Pins |
| CSP25 | B | 2.5 x 40mm | Split Pins |
| CSP26 | B | 3.2 x 50mm | Split Pins |
| CSP27 | A | 4mm | Spring Washers |
| CSP28 | A | 5mm | Spring Washers |
| CSP29 | A | 6mm | Spring Washers |
| CSP30 | A | 8mm | Spring Washers |
| CSP31 | A | 10mm | Spring Washers |
| CSP32 | A | 4mm | Flat Washers |
| CSP33 | A | 5mm | Flat Washers |
| CSP34 | A | 6mm | Flat Washers |
| CSP35 | A | 8mm | Flat Washers |
| CSP36 | A | 10mm | Flat Washers |
| CSP37 | B | 4 x 20mm | Set Screws & Nuts |
| CSP38 | B | 4 x 35mm | Set Screws & Nuts |
| CSP39 | B | 5 x 25mm | Set Screws & Nuts |
| CSP40 | B | 5 x 35mm | Set Screws & Nuts |
| CSP41 | B | 6 x 16mm | Set Screws & Nuts |
| CSP42 | B | 6 x 25mm | Set Screws & Nuts |
| CSP43 | B | 6 x 40mm | Set Screws & Nuts |
| CSP44 | B | 8 x 25mm | Set Screws & Nuts |
| CSP45 | B | 8 x 35mm | Set Screws & Nuts |
| CSP46 | B | 8 x 40mm | Set Screws & Nuts |
| CSP47 | B | 8 x 50mm | Set Screws & Nuts |
| CSP48 | B | 10 x 25mm | Set Screws & Nuts |
| CSP49 | B | 10 x 35mm | Set Screws & Nuts |
| CSP50 | B | 10 x 50mm | Set Screws & Nuts |
| CSP51 | A | 5 x 10mm | Socket Head Screws |
| CSP52 | A | 5 x 25mm | Socket Head Screws |
| CSP53 | A | 6 x 16mm | Socket Head Screws |
| CSP54 | A | 6 x 25mm | Socket Head Screws |
| CSP55 | B | 8 x 16mm | Socket Head Screws |
| CSP56 | B | 8 x 25mm | Socket Head Screws |
| CSP57 | B | 10 x 25mm | Socket Head Screws |

BLISTER ASSORTMENTS

| | |
|-------|--------------------------------------|
| CBB1 | Blister Clevis Pin Assortment |
| CBB2 | Blister 'R' Clip Assortment |
| CBB3 | Blister Roll Pin Assortment |
| CBB4 | Blister Imperial 'O' Ring Assortment |
| CBB5 | Blister Metric 'O' Ring Assortment |
| CBB7 | Metric Grub Screw Assortment |
| CBB8 | Fibre Washer Assortment |
| CBB9 | Circlip Assortment |
| CBB10 | 'E' Clip Assortment |
| CBB11 | Sump Plug Assortment |



AUTOMOTIVE MERCHANDISER 1

Part No. **MERCHAUTO1**



FRONT PROFILE



REAR PROFILE

MERCHAUTO1

AUTOMOTIVE MERCHANDISER 1

This stand has a popular range of brass fittings for automotive and is designed to sit beside the Automotive Merchandiser Two (Part No. MerchAuto2). It is aimed at providing a diverse range of fasteners for automotive outlets that would cover just about all automotive needs. The stand includes a thread tester for customer self service.

- Vacuum Connectors
- Brass Packs
- Bolt & Nut Packs (UNC & UNF GR5, METRIC GR8.8)

Includes:

- 3 x 20 Vacuum Connectors
- 3 x 63 Brass Packs
- 3 x 169 Bolt & Nut Packs
- Total of 756 Packs



Merchandiser contents listing on pages 179-181

MERCHANDISER CONTENTS (252 TYPES)

UNC THREAD, GR5

| | | |
|-------|---------------|---------------------------|
| BC1 | 1/4 x 1/2" | Set Screws & Nuts |
| BC3 | 1/4 x 3/4" | Set Screws & Nuts |
| BC4 | 1/4 x 1" | Set Screws & Nuts |
| BC6 | 1/4 x 1-1/4" | Set Screws & Nuts |
| BC8 | 1/4 x 1-1/2" | Set Screws & Nuts |
| BC11 | 1/4 x 2" | Set Screws & Nuts |
| BC15 | 5/16 x 3/4" | Set Screws & Nuts |
| BC17 | 5/16 x 1" | Set Screws & Nuts |
| BC19 | 5/16 x 1-1/4" | Set Screws & Nuts |
| BC20 | 5/16 x 1-1/2" | Bolts & Nuts |
| BC21 | 5/16 x 1-1/2" | Set Screws & Nuts |
| BC23 | 5/16 x 2" | Bolts & Nuts |
| BC26 | 5/16 x 2-1/2" | Bolts & Nuts |
| BC28 | 5/16 x 3" | Bolts & Nuts |
| BC31 | 3/8 x 3/4" | Set Screws & Nuts |
| BC33 | 3/8 x 1" | Set Screws & Nuts |
| BC34 | 3/8 x 1-1/4" | Set Screws & Nuts |
| BC36 | 3/8 x 1-1/2" | Set Screws & Nuts |
| BC37 | 3/8 x 1-1/2" | Bolts & Nuts |
| BC40 | 3/8 x 2" | Set Screws & Nuts |
| BC42 | 3/8 x 2-1/2" | Bolts & Nuts |
| BC43 | 3/8 x 3" | Bolts & Nuts |
| BC45 | 3/8 x 3-1/2" | Bolts & Nuts |
| BC47 | 3/8 x 4" | Bolts & Nuts |
| BC50 | 7/16 x 1" | Set Screws & Nuts |
| BC60 | 7/16 x 3-1/2" | Bolts & Nuts |
| BC61 | 7/16 x 4" | Bolts & Nuts |
| BC75 | 1/2 x 3-1/2" | Bolts & Nuts |
| BC78 | 5/16" | Hexagon Nuts |
| BC79 | 3/8" | Hexagon Nuts |
| SHC3 | 1/4 x 3/4" | Socket Head Screw |
| SHC15 | 5/16 x 3/4" | Socket Head Screw |
| SHC17 | 5/16 x 1" | Socket Head Screw |
| SHC19 | 5/16 x 1-1/4" | Socket Head Screw |
| SLC77 | 1/4" | Nylon Insert Locking Nuts |
| SLC78 | 5/16" | Nylon Insert Locking Nuts |
| SLC79 | 3/8" | Nylon Insert Locking Nuts |
| SLC81 | 1/2" | Nylon Insert Locking Nuts |

UNF THREAD, GR5

| | | |
|------|-------------|-------------------|
| BF1 | 1/4 x 1/2" | Set Screws & Nuts |
| BF3 | 1/4 x 3/4" | Set Screws & Nuts |
| BF4 | 1/4 x 1" | Set Screws & Nuts |
| BF15 | 5/16 x 3/4" | Set Screws & Nuts |

UNF THREAD, GR5 *Continued*

| | | |
|-------|---------------|---------------------------|
| BF17 | 5/16 x 1" | Set Screws & Nuts |
| BF19 | 5/16 x 1-1/4" | Set Screws & Nuts |
| BF21 | 5/16 x 1-1/2" | Set Screws & Nuts |
| BF23 | 5/16 x 2" | Bolts & Nuts |
| BF26 | 5/16 x 2-1/2" | Bolts & Nuts |
| BF31 | 3/8 x 3/4" | Set Screws & Nuts |
| BF33 | 3/8 x 1" | Set Screws & Nuts |
| BF34 | 3/8 x 1-1/4" | Set Screws & Nuts |
| BF36 | 3/8 x 1-1/2" | Set Screws & Nuts |
| BF50 | 7/16 x 1" | Set Screws & Nuts |
| BF52 | 7/16 x 1-1/4" | Set Screws & Nuts |
| BF57 | 7/16 x 2" | Bolts & Nuts |
| BF58 | 7/16 x 2-1/2" | Bolts & Nuts |
| BF77 | 1/4" | Hexagon Nuts |
| BF78 | 5/16" | Hexagon Nuts |
| BF79 | 3/8" | Hexagon Nuts |
| BF80 | 7/16" | Hexagon Nuts |
| SLF77 | 1/4" | Nylon Insert Locking Nuts |
| SLF78 | 5/16" | Nylon Insert Locking Nuts |
| SLF79 | 3/8" | Nylon Insert Locking Nuts |
| SLF81 | 1/2" | Nylon Insert Locking Nuts |

METRIC THREAD, GR8.8

| | | |
|------|-----------|-------------------|
| BM12 | 5 x 16mm | Set Screws & Nuts |
| BM13 | 5 x 20mm | Set Screws & Nuts |
| BM14 | 5 x 25mm | Set Screws & Nuts |
| BM15 | 5 x 30mm | Set Screws & Nuts |
| BM18 | 5 x 50mm | Set Screws & Nuts |
| BM21 | 6 x 16mm | Set Screws & Nuts |
| BM22 | 6 x 20mm | Set Screws & Nuts |
| BM23 | 6 x 25mm | Set Screws & Nuts |
| BM25 | 6 x 30mm | Set Screws & Nuts |
| BM26 | 6 x 35mm | Set Screws & Nuts |
| BM27 | 6 x 40mm | Set Screws & Nuts |
| BM29 | 6 x 50mm | Bolts & Nuts |
| BM30 | 6 x 50mm | Set Screws & Nuts |
| BM32 | 6 x 60mm | Bolts & Nuts |
| BM34 | 6 x 70mm | Bolts & Nuts |
| BM35 | 6 x 80mm | Bolts & Nuts |
| BM37 | 6 x 100mm | Bolts & Nuts |
| BM40 | 7 x 35mm | Set Screws & Nuts |
| BM45 | 8 x 16mm | Set Screws & Nuts |
| BM47 | 8 x 20mm | Set Screws & Nuts |
| BM48 | 8 x 25mm | Set Screws & Nuts |
| BM51 | 8 x 30mm | Set Screws & Nuts |
| BM52 | 8 x 35mm | Set Screws & Nuts |

Listing continued...

METRIC THREAD, GR8.8 *Continued*

| | | |
|-------|------------------|--------------------|
| BM55 | 8 x 40mm | Set Screws & Nuts |
| BM57 | 8 x 50mm | Bolts & Nuts |
| BM58 | 8 x 50mm | Set Screws & Nuts |
| BM60 | 8 x 60mm | Bolts & Nuts |
| BM63 | 8 x 65mm | Bolts & Nuts |
| BM65 | 8 x 75mm | Bolts & Nuts |
| BM67 | 8 x 80mm | Bolts & Nuts |
| BM69 | 8 x 100mm | Bolts & Nuts |
| BM70 | 8 x 100mm | Set Screws & Nuts |
| BM74 | 8 x 35 x 1.00mm | Set Screws & Nuts |
| BM79 | 10 x 25mm | Set Screws & Nuts |
| BM83 | 10 x 35mm | Set Screws & Nuts |
| BM84 | 10 x 40mm | Set Screws & Nuts |
| BM86 | 10 x 45mm | Bolts & Nuts |
| BM88 | 10 x 50mm | Set Screws & Nuts |
| BM89 | 10 x 60mm | Bolts & Nuts |
| BM95 | 10 x 75mm | Bolts & Nuts |
| BM96 | 10 x 80mm | Bolts & Nuts |
| BM98 | 10 x 100mm | Bolts & Nuts |
| BM99 | 10 x 100mm | Set Screws & Nuts |
| BM102 | 10 x 1.0 x 35mm | Set Screws & Nuts |
| BM104 | 10 x 1.25 x 25mm | Set Screws & Nuts |
| BM106 | 10 x 1.25 x 35mm | Set Screws & Nuts |
| BM109 | 10 x 1.25 x 45mm | Set Screws & Nuts |
| BM110 | 10 x 1.25 x 50mm | Set Screws & Nuts |
| BM112 | 10 x 1.25 x 70mm | Bolts & Nuts |
| BM116 | 12 x 30mm | Set Screws & Nuts |
| BM120 | 12 x 40mm | Set Screws & Nuts |
| BM123 | 12 x 45mm | Set Screws & Nuts |
| BM134 | 12 x 90mm | Bolts & Nuts |
| BM135 | 12 x 100mm | Bolts & Nuts |
| BM136 | 12 x 100mm | Set Screws & Nuts |
| BM140 | 12 x 1.5 x 35mm | Set Screws & Nuts |
| BM142 | 12 x 1.5 x 40mm | Bolts & Nuts |
| BM148 | 12 x 1.5 x 75mm | Bolts & Nuts |
| BM150 | 12 x 1.25 x 35mm | Set Screws & Nuts |
| BM152 | 12 x 1.25 x 50 | Set Screws & Nuts |
| BM154 | 12 x 1.25 x 75mm | Bolts & Nuts |
| BM157 | 5 x 0.8mm Nuts | Hexagon Nuts |
| BM159 | 6 x 1.0mm Nuts | Hexagon Nuts |
| BM161 | 8 x 1.25mm Nuts | Hexagon Nuts |
| BM163 | 10 x 1.5mm Nuts | Hexagon Nuts |
| BM164 | 10 x 1.25mm Nuts | Hexagon Nuts |
| BM168 | 12 x 1.25mm Nuts | Hexagon Nuts |
| SHM21 | 6 x 16mm | Socket Head Screws |
| SHM22 | 6 x 20mm | Socket Head Screws |

METRIC THREAD, GR8.8 *Continued*

| | | |
|--------|-------------|---------------------------|
| SHM23 | 6 x 25mm | Socket Head Screws |
| SHM25 | 6 x 30mm | Socket Head Screws |
| SHM27 | 6 x 40mm | Socket Head Screws |
| SHM30 | 6 x 50mm | Socket Head Screws |
| SHM45 | 8 x 16mm | Socket Head Screws |
| SHM48 | 8 x 25mm | Socket Head Screws |
| SLM157 | 5 x 0.8mm | Nylon Insert Locking Nuts |
| SLM158 | 6 x 1.00mm | Nylon Insert Locking Nuts |
| SLM161 | 8 x 1.25mm | Nylon Insert Locking Nuts |
| SLM162 | 8 x 1mm | Nylon Insert Locking Nuts |
| SLM163 | 10 x 1.5mm | Nylon Insert Locking Nuts |
| SLM164 | 10 x 1.25mm | Nylon Insert Locking Nuts |
| SLM165 | 10 x 1mm | Nylon Insert Locking Nuts |
| SLM166 | 12 x 1.75mm | Nylon Insert Locking Nuts |
| SLM167 | 12 x 1.5mm | Nylon Insert Locking Nuts |
| SLM168 | 12 x 1.25mm | Nylon Insert Locking Nuts |

FLANGE HEAD SET SCREWS & NUTS, GR8.8

| | | |
|--------|------------------|-------------------|
| FBM12 | 5 x 16mm | Set Screws & Nuts |
| FBM14 | 5 x 25mm | Set Screws & Nuts |
| FBM21 | 6 x 16mm | Set Screws & Nuts |
| FBM22 | 6 x 20mm | Set Screws & Nuts |
| FBM23 | 6 x 25mm | Set Screws & Nuts |
| FBM25 | 6 x 30mm | Set Screws & Nuts |
| FBM27 | 6 x 40mm | Set Screws & Nuts |
| FBM45 | 8 x 16mm | Set Screws & Nuts |
| FBM47 | 8 x 20mm | Set Screws & Nuts |
| FBM48 | 8 x 25mm | Set Screws & Nuts |
| FBM51 | 8 x 30mm | Set Screws & Nuts |
| FBM55 | 8 x 40mm | Set Screws & Nuts |
| FBM57 | 8 x 50mm | Set Screws & Nuts |
| FBM104 | 10 x 1.25 x 25mm | Set Screws & Nuts |
| FBM106 | 10 x 1.25 x 35mm | Set Screws & Nuts |
| FBM107 | 10 x 1.25 x 40mm | Set Screws & Nuts |
| FBM110 | 10 x 1.25 x 50mm | Set Screws & Nuts |

HEX FLANGE NUTS, GR8.8

| | | |
|--------|-------------|------|
| FBM157 | 5 x 0.8mm | Nuts |
| FBM159 | 6 x 1.0mm | Nuts |
| FBM161 | 8 x 1.25mm | Nuts |
| FBM164 | 10 x 1.25mm | Nuts |

VACUUM CONNECTORS

| | | |
|------|------|-----------|
| CVC1 | 3mm | 'T' Piece |
| CVC2 | 5mm | 'T' Piece |
| CVC3 | 6mm | 'T' Piece |
| CVC4 | 8mm | 'T' Piece |
| CVC5 | 10mm | 'T' Piece |

VACUUM CONNECTORS *Continued*

| | | |
|-------|------|---------------------|
| CVC7 | 5mm | 90° Elbows |
| CVC8 | 6mm | 90° Elbows |
| CVC9 | 8mm | 90° Elbows |
| CVC17 | 3mm | Straight Connectors |
| CVC18 | 5mm | Straight Connectors |
| CVC19 | 6mm | Straight Connectors |
| CVC20 | 8mm | Straight Connectors |
| CVC21 | 10mm | Straight Connectors |
| CVC30 | 5mm | 3 Way 'Y' Piece |
| CVC44 | 3mm | Caps |
| CVC45 | 4mm | Caps |
| CVC46 | 5mm | Caps |
| CVC47 | 6mm | Caps |
| CVC48 | 8mm | Caps |
| CVC49 | 10mm | Caps |

BRASS FITTINGS

| | | |
|------|-------------|--------------------|
| HC1 | 3/16" | Brass Hose Joiners |
| HC2 | 1/4" | Brass Hose Joiners |
| HC3 | 5/16" | Brass Hose Joiners |
| HC4 | 3/8" | Brass Hose Joiners |
| HC5 | 1/2" | Brass Hose Joiners |
| HC6 | 5/8" | Brass Hose Joiners |
| HC7 | 3/4" | Brass Hose Joiners |
| HC8 | 3/16" | Brass 'T' Joiners |
| HC9 | 1/4" | Brass 'T' Joiners |
| HC10 | 5/16" | Brass 'T' Joiners |
| HC11 | 3/8" | Brass 'T' Fittings |
| HC12 | 1/2" | Brass 'T' Fittings |
| HC13 | 5/8" | Brass 'T' Fittings |
| HC14 | 3/16 x 1/8" | Male Hose Barbs |
| HC15 | 1/4 x 1/8" | Male Hose Barbs |
| HC16 | 5/16 x 1/8" | Male Hose Barbs |
| HC17 | 3/8 x 1/8" | Male Hose Barbs |
| HC18 | 3/16 x 1/4" | Male Hose Barbs |
| HC19 | 1/4 x 1/4" | Male Hose Barbs |
| HC20 | 5/16 x 1/4" | Male Hose Barbs |
| HC21 | 3/8 x 1/4" | Male Hose Barbs |
| HC22 | 1/2 x 1/4" | Male Hose Barbs |
| HC23 | 5/8 x 1/4" | Male Hose Barbs |
| HC24 | 5/16 x 3/8" | Male Hose Barbs |

BRASS FITTINGS *Continued*

| | | |
|------|----------------|--------------------------|
| HC25 | 3/8 x 3/8" | Male Hose Barbs |
| HC26 | 1/2 x 3/8" | Male Hose Barbs |
| HC27 | 5/8 x 3/8" | Male Hose Barbs |
| HC28 | 3/8 x 1/2" | Male Hose Barbs |
| HC29 | 1/2 x 1/2" | Male Hose Barbs |
| HC30 | 5/8 x 1/2" | Male Hose Barbs |
| HC31 | 3/4 x 1/2" | Male Hose Barbs |
| HC33 | 1/4 x 1/8" | 90° Male Elbows |
| HC34 | 5/16 x 1/8" | 90° Male Elbows |
| HC36 | 5/16 x 1/4" | 90° Male Elbows |
| HC37 | 3/8 x 1/4" | 90° Male Elbows |
| HC38 | 1/2 x 1/4" | 90° Male Elbows |
| HC40 | 5/8 x 3/8" | 90° Male Elbows |
| HC42 | 5/8 x 1/2" | 90° Male Elbows |
| HC43 | 1/4 - 1/8" | Hex Reducing Bush |
| HC44 | 3/8 - 1/4" | Hex Reducing Bush |
| HC45 | 1/2 - 1/4" | Hex Reducing Bush |
| HC46 | 1/8" | Hex Sockets |
| HC47 | 1/4" | Hex Sockets |
| HC48 | 1/8" | Female Brass 'T' Joiners |
| HC49 | 1/4" | Brass Female 'T' Joiners |
| HC50 | 1/8" BSP | Hex Taper Plugs |
| HC51 | 1/4" BSP | Hex Taper Plugs |
| HC52 | 3/8" BSP | Hex Taper Plugs |
| HC53 | 1/2" BSP | Hex Taper Plugs |
| HC54 | 1/8" BSP | Hex Nipple Blister |
| HC55 | 1/4" BSP | Hex Nipple Blister |
| HC56 | 3/8" BSP | Hex Nipple Blister |
| HC58 | 1/8" BSP | M/F Elbow Blister |
| HC59 | 1/4" BSP | M/F Elbow Blister |
| HC60 | 3/8 x 1/8" | Reducing Bush |
| HC62 | 1/2 x 3/8" | Reducing Bush |
| HC63 | 3/8" BSP | Hex Socket Blister |
| HC72 | 1/8" BSP | Female Elbows |
| HC73 | 1/4" BSP | Female Elbows |
| HC74 | 3/8" BSP | Female Elbows |
| HC85 | 3/8 x 1/4" BSP | Reducing Nipples |
| HC86 | 1/2 x 1/4" BSP | Reducing Nipples |
| HC86 | 1/2 x 1/4" BSP | Reducing Nipples |
| HC87 | 1/2 x 3/8" BSP | Reducing Nipples |



AUTOMOTIVE MERCHANDISER 2

Part No. **MERCHAUTO2**



FRONT PROFILE



REAR PROFILE

MERCHAUTO2

AUTOMOTIVE MERCHANDISER 2

This stand includes a range of the high-turnover panel clips and Handy Packs, a range of Assortments Packs and 316 Stainless Steel. Matched with the Automotive Merchandiser One (Part No. MerchAuto1), these stands provide a selection of popular blister packs for all the automotive and industrial outlets.

- Blister Assortments
- Panel Packs
- 316 Stainless Steel
- Handy Packs

Includes:

- 3 x 10 Assortment Packs
- 3 x 32 Panel Packs
- 3 x 69 316 Stainless Steel Packs
- 5 x 151 Handy Packs
- Total of 1088 Packs



Merchandiser contents listing on pages 183-185

MERCHANDISER CONTENTS (262 TYPES)

WIRING GROMMETS

| | |
|-------|----------------|
| BH001 | 1/8 x 9/32" |
| BH002 | 3/16 x 5/16" |
| BH003 | 1/4 x 1/2" |
| BH004 | 5/16 x 17/32" |
| BH005 | 3/8 x 1/2" |
| BH006 | 3/8 x 5/8" |
| BH007 | 3/8 x 3/4" |
| BH008 | 7/16 x 3/4" |
| BH009 | 1/2 x 21/32" |
| BH010 | 5/8 x 1" |
| BH011 | 3/4 x 15/16" |
| BH012 | 29/32 x 1-1/4" |



BLANKING GROMMETS

| | |
|-------|--------|
| BH017 | 5/16" |
| BH018 | 3/8" |
| BH019 | 1/2" |
| BH020 | 5/8" |
| BH021 | 3/4" |
| BH022 | 7/8" |
| BH023 | 1" |
| BH024 | 1-1/8" |



EXTENSION SPRINGS

| | |
|-------|----------------------|
| BH034 | 3-3/4 x 1/2" x 17G |
| BH035 | 2-1/2 x 1/2" x 17G |
| BH036 | 3 x 7/16" x 18G |
| BH037 | 2-1/2 x 11/32" x 20G |
| BH038 | 3-1/8 x 11/32" x 20G |
| BH039 | 2-7/8 x 9/32" x 21G |
| BH040 | 2 x 9/32" x 21G |



GREASE NIPPLES

| | |
|-------|------------------------|
| BH053 | 1/4" UNF Straight |
| BH054 | 1/4" UNF 45° |
| BH057 | 1/8" BSP Straight |
| BH061 | 1/4" UNF x 1-1/4" Long |
| BH062 | 1/4" UNF 90° |
| BH063 | 6mm Straight |
| BH064 | 6mm 45° |



COPPER WASHERS

| | |
|-------|--------------|
| BH067 | 1/4 x 9/16" |
| BH068 | 5/16 x 5/8" |
| BH069 | 3/8 x 3/4" |
| BH070 | 7/16 x 13/16 |
| BH071 | 1/2 x 7/8" |
| BH072 | 5/8 x 1" |
| BH073 | 3/4 x 1-1/8" |



FINE THREAD SCREWS & NUTS

| | |
|-------|----------------|
| BH079 | 8/36 x 1/2" |
| BH082 | 8/36 x 1-1/4" |
| BH083 | 10/32 x 1/2" |
| BH086 | 10/32 x 1-1/2" |



ROOFING BOLTS & NUTS

| | |
|-------|---------------|
| BH090 | 3/16 x 1/2" |
| BH091 | 3/16 x 3/4" |
| BH092 | 3/16 x 1" |
| BH093 | 3/16 x 1-1/2" |
| BH094 | 1/4 x 3/4" |



SPEED NUTS

| | |
|-------|---------------------|
| BH097 | 8G x 31/32 x 7/16" |
| BH098 | 10G x 13/16 x 1/2" |
| BH099 | 6G x 21/32 x 7/16" |
| BH101 | 1/8 x 1/2 x 5/16" |
| BH106 | 8G x 21/32 x 7/16" |
| BH107 | 8G x 13/32 x 11/32" |



FIBRE WASHERS

| | |
|-------|-------------|
| BH109 | 3/16 x 1/2" |
| BH110 | 1/4 x 9/16" |
| BH111 | 5/16 x 5/8" |
| BH112 | 3/8 x 3/4" |
| BH113 | 1/2 x 7/8" |
| BH114 | 5/8 x 1" |



SELF-TAPPING SCREWS

| | |
|-------|------------|
| BH123 | 14G x 1/2" |
| BH125 | 14G x 3/4" |
| BH151 | 6G x 3/8" |
| BH152 | 8G x 1/2" |
| BH153 | 10G x 1/2" |
| BH156 | 8G x 3/4" |
| BH158 | 10G x 1" |
| BH165 | 10G x 3/4" |
| BH166 | 12G x 1" |
| BH503 | 8G x 3/4" |



FLAT WASHERS

| | |
|-------|-------|
| BH171 | 1/4" |
| BH172 | 5/16" |
| BH173 | 3/8" |
| BH174 | 7/16" |
| BH175 | 1/2" |
| BH176 | 5/8" |
| BH177 | 3/4" |



SPLIT PINS

| | |
|-------|---------------|
| BH178 | 1.6 x 22mm |
| BH179 | 2 x 22mm |
| BH180 | 2 x 36mm |
| BH181 | 2.5 x 25mm |
| BH182 | 2.5 x 32mm |
| BH183 | 7/64 x 2" |
| BH184 | 7/64 x 1-1/4" |
| BH185 | 3.2 x 32mm |
| BH186 | 3.2 x 50mm |
| BH187 | 9/64 x 2" |
| BH188 | 4 x 50mm |
| BH193 | 2.5 x 50mm |
| BH194 | 5 x 50mm |



Listing continued...

PANEL WASHERS

| | |
|-------|---------------|
| BH226 | 1/4 x 1-1/4" |
| BH227 | 5/16 x 1-1/4" |
| BH228 | 3/8 x 1-1/4" |



'R' CLIPS

| | |
|-------|-------------------|
| BH270 | 3/16 - 1/4" Shaft |
| BH271 | 1/4 - 3/8" Shaft |
| BH272 | 5/16 - 1/2" Shaft |
| BH274 | 7/16 - 3/4" Shaft |



SELF-DRILLING SCREWS

| | |
|-------|-----------------|
| BH280 | 10G x 16 x 16mm |
| BH281 | 10G x 16 x 22mm |
| BH282 | 10G x 16 x 30mm |
| BH283 | 8G x 18 x 22mm |
| BH284 | 8G x 18 x 16mm |
| BH285 | 8G x 18 x 20mm |



MANIFOLD STUDS

| | |
|-------|-----------------------|
| BH290 | 3/8 x 2" UNC Stud |
| BH291 | 8 x 38mm Stud |
| BH293 | 10 x 1.25 x 43mm Stud |
| BH294 | 10 x 1.5 x 40mm Stud |
| BH295 | 3/8" UNC Stud |
| BH296 | 3/8 x 1" UNC Stud |



SPRING WASHERS

| | |
|-------|-------|
| BH328 | 1/4" |
| BH329 | 5/16" |
| BH330 | 3/8" |
| BH332 | 1/2" |
| BH336 | 6mm |
| BH338 | 10mm |
| BH713 | 7/16" |
| BH714 | 12mm |



TRIM CLIPS

| | |
|-------|---------------------------------|
| BH425 | Canoe Black Trim Clips |
| BH437 | Xmas Tree Clip Black Trim Clips |
| BH438 | Universal Door Trim Clips |
| BH439 | 6mm Scrivet Trim Clips |
| BH440 | 6G Screw Grommet Trim Clips |
| BH441 | 8G Screw Grommet Trim Clips |
| BH442 | 10G Screw Grommet Trim Clips |



MACHINE SCREWS – METRIC

| | |
|-------|----------|
| BH620 | 4 x 10mm |
| BH621 | 5 x 16mm |
| BH622 | 5 x 20mm |
| BH623 | 6 x 16mm |
| BH624 | 6 x 20mm |



SUMP PLUG WASHERS

| | |
|-------|----------------|
| BH631 | Suits #1 Plug |
| BH634 | Suits M14 Plug |
| BH635 | Suits M18 Plug |



FLAT WASHERS

| | |
|-------|------|
| BH702 | 6mm |
| BH703 | 10mm |
| BH704 | 12mm |



ALUMINIUM RIVET

| | |
|-------|--------------|
| BH721 | 1/8" Medium |
| BH724 | 5/32" Medium |
| BH727 | 3/16" Medium |



SELF-TAPPING SCREWS – BLACK ZINC

| | |
|-------|-------------|
| BH735 | 8G x 5/8" |
| BH738 | 8G x 1-1/2" |
| BH739 | 10G x 1/2" |
| BH740 | 10G x 3/4" |
| BH742 | 12G x 1" |



SELF-TAPPING WASHER FACE SCREWS – BLACK ZINC

| | |
|-------|------------|
| BH752 | 8G x 1/2" |
| BH753 | 8G x 3/4" |
| BH755 | 10G x 1/2" |
| BH756 | 10G x 3/4" |
| BH757 | 12G x 1" |



BLISTER ASSORTMENTS

| | |
|-------|--------------------|
| CBB1 | Clevis Pins |
| CBB2 | 'R' Clips |
| CBB3 | Roll Pins |
| CBB4 | Imperial 'O' Rings |
| CBB5 | Metric 'O' Rings |
| CBB7 | Metric Grub Screws |
| CBB8 | Fibre Washers |
| CBB9 | Circlips |
| CBB10 | 'E' Clips |
| CBB11 | Sump Plugs |



STAINLESS STEEL SELF-TAPPING SCREWS

| | |
|-------|-------------------------|
| CSP02 | 6G x 1/2" Countersunk |
| CSP03 | 6G x 3/4" Countersunk |
| CSP05 | 8G x 3/4" Countersunk |
| CSP06 | 8G x 1" Countersunk |
| CSP07 | 10G x 3/4" Countersunk |
| CSP08 | 10G x 1" Countersunk |
| CSP96 | 8G x 1/2" Countersunk |
| CSP97 | 8G x 1-1/4" Countersunk |
| CSP09 | 4G x 5/8" Pan Head |
| CSP10 | 6G x 1/2" Pan Head |
| CSP11 | 6G x 3/4" Pan Head |
| CSP12 | 6G x 1" Pan Head |
| CSP13 | 8G x 3/8" Pan Head |



STAINLESS STEEL SELF-TAPPING SCREWS *Continued*

| | |
|-------|-----------------------|
| CSP14 | 8G x 1/2" Pan Head |
| CSP15 | 8G x 3/4" Pan Head |
| CSP16 | 8G x 1" Pan Head |
| CSP17 | 10G x 1/2" Pan Head |
| CSP18 | 10G x 1" Pan Head |
| CSP93 | 8G x 1-1/4" Pan Head |
| CSP94 | 10G x 1-1/4" Pan Head |
| CSP95 | 10G x 1-1/2" Pan Head |



STAINLESS STEEL MACHINE SCREWS & NUTS

| | |
|-------|----------------------|
| CSP19 | 6 x 25mm Pan Head |
| CSP20 | 6 x 50mm Pan Head |
| CSP21 | 6 x 25mm Countersunk |
| CSP22 | 6 x 50mm Countersunk |



STAINLESS STEEL SPLIT PINS

| | |
|-------|------------|
| CSP23 | 1.6 x 32mm |
| CSP24 | 2 x 40mm |
| CSP25 | 2.5 x 40mm |
| CSP26 | 3.2 x 50mm |



STAINLESS STEEL SPRING WASHERS

| | |
|-------|------|
| CSP27 | 4mm |
| CSP28 | 5mm |
| CSP29 | 6mm |
| CSP30 | 8mm |
| CSP31 | 10mm |



STAINLESS STEEL FLAT WASHERS

| | |
|-------|------|
| CSP32 | 4mm |
| CSP33 | 5mm |
| CSP34 | 6mm |
| CSP35 | 8mm |
| CSP36 | 10mm |



STAINLESS STEEL SET SCREWS & NUTS

| | |
|-------|-----------|
| CSP37 | 4 x 20mm |
| CSP38 | 4 x 35mm |
| CSP39 | 5 x 25mm |
| CSP40 | 5 x 35mm |
| CSP41 | 6 x 16mm |
| CSP42 | 6 x 25mm |
| CSP43 | 6 x 40mm |
| CSP44 | 8 x 25mm |
| CSP45 | 8 x 35mm |
| CSP46 | 8 x 40mm |
| CSP47 | 8 x 50mm |
| CSP48 | 10 x 25mm |
| CSP49 | 10 x 35mm |



STAINLESS STEEL SOCKET HEAD SCREWS

| | |
|-------|-----------|
| CSP51 | 5 x 10mm |
| CSP52 | 5 x 25mm |
| CSP53 | 6 x 16mm |
| CSP54 | 6 x 25mm |
| CSP55 | 8 x 16mm |
| CSP56 | 8 x 25mm |
| CSP57 | 10 x 25mm |



STAINLESS STEEL DOME NUTS

| | |
|------|------|
| DN4 | 4mm |
| DN5 | 5mm |
| DN6 | 6mm |
| DN8 | 8mm |
| DN10 | 10mm |



STAINLESS STEEL SELF-LOCKING NUTS – 316/A4

| | |
|-------|------|
| SLN4 | 4mm |
| SLN5 | 5mm |
| SLN6 | 6mm |
| SLN8 | 8mm |
| SLN10 | 10mm |



TRIM CLIPS

| | |
|------|-------------------------------|
| TF1 | Xmas Tree Clips |
| TF3 | Xmas Tree Clips |
| TF4 | Xmas Tree Clips |
| TF5 | Xmas Tree Clips |
| TF6 | Xmas Tree Clips |
| TF8 | Xmas Tree Clips |
| TF10 | Xmas Tree Clips |
| TF11 | Xmas Tree Clips |
| TF12 | Xmas Tree Clips, Grey |
| TF13 | Xmas Tree Clips |
| TF18 | Moulding Clips |
| TF20 | Canoe Clips |
| TF23 | Bonnet Insulation Clips |
| TF24 | Anchor Trim Clips |
| TF25 | Retainer Clips |
| TF27 | 6mm Scrivet Clips |
| TF28 | Plastic Push Rivets |
| TF29 | 6mm Hole Scrivet Clips |
| TF30 | 8mm Hole Scrivet Clips |
| TF31 | Screw Rivets |
| TF32 | Splash Guard Clips |
| TF33 | 6G Screw Grommets |
| TF34 | 8G Screw Grommets |
| TF36 | 10G Screw Grommets |
| TF37 | Door Trim Clips |
| TF38 | Door Trim Clips |
| TF39 | 10mm Universal Door Trim Bush |
| TF40 | 13mm Universal Door Trim Bush |
| TF46 | Door Trim Bush |
| TF49 | Window Winder Clips |
| TF50 | M5 Headlamp Captive Nuts |
| TF51 | M6 Short Captive Nuts |





AUTOMOTIVE MERCHANDISER 3

Part No. **MERCHAUTO3**



FRONT PROFILE



REAR PROFILE

MERCHAUTO3

AUTOMOTIVE MERCHANDISER 3

This stand is suitable for any automotive, hardware and industrial industry. The stand is designed as a stand alone merchandiser that offers a bit of everything. Offers a great return of investment if space is very limited and range has to be condensed.

- Bolts & Nuts
- Blister Assortments
- 316 Stainless Steel
- Trade Packs
- Brass Packs
- Handy Packs
- Panel Packs

Includes (time saving thread tester is incorporated into the stand):

- 3 x 87 Bolt & Nut Packs
- 3 x 15 Assortments
- 3 x 28 316 Stainless Steel Packs
- 3 x 20 Trade Packs
- 3 x 14 Brass Packs
- 3 x 71 Handy Packs
- 3 x 32 Panel Packs
- Total of 943 Packs



Merchandiser contents listing on pages 187-189

MERCHANDISER CONTENTS (267 TYPES)


UNC THREAD, GR5

| | | |
|-------|---------------|------------------------|
| BC1 | 1/4 x 1/2" | Set Screws & Nuts |
| BC3 | 1/4 x 3/4" | Set Screws & Nuts |
| BC15 | 5/16 x 3/4" | Set Screws & Nuts |
| BC17 | 5/16 x 1" | Set Screws & Nuts |
| BC19 | 5/16 x 1-1/4" | Set Screws & Nuts |
| BC33 | 3/8 x 1" | Set Screws & Nuts |
| BC34 | 3/8 x 1-1/4" | Set Screws & Nuts |
| SHC3 | 1/4 x 3/4" | UNC Socket Head Screws |
| SLC77 | 1/4" UNC | Nylon Insert Lock Nuts |
| SLC78 | 5/16" UNC | Nylon Insert Lock Nuts |
| SLC79 | 3/8" UNC | Nylon Insert Lock Nuts |
| SLC80 | 7/16" UNC | Nylon Insert Lock Nuts |
| SLC81 | 1/2" UNC | Nylon Insert Lock Nuts |


UNF THREAD, GR5

| | | |
|-------|-------------|------------------------|
| BF15 | 5/16 x 3/4" | Set Screws & Nuts |
| BF17 | 5/16 x 1" | Set Screws & Nuts |
| SLF77 | 1/4" UNF | Nylon Insert Lock Nuts |
| SLF78 | 5/16" UNF | Nylon Insert Lock Nuts |
| SLF79 | 3/8" UNF | Nylon Insert Lock Nuts |

WIRING GROMMETS

| | | |
|-------|---------------|-------------------------------------------------------------------------------------|
| BH001 | 1/8 x 9/32" |  |
| BH002 | 3/16 x 5/16" | |
| BH003 | 1/4 x 1/2" | |
| BH004 | 5/16 x 17/32" | |
| BH006 | 3/8 x 5/8" | |
| BH007 | 3/8 x 3/4" | |
| BH008 | 7/16 x 3/4" | |
| BH009 | 1/2 x 21/32" | |
| BH010 | 5/8 x 1" | |
| BH011 | 3/4 x 15/16" | |


BLANKING GROMMETS

| | | |
|-------|--------|-------------------------------------------------------------------------------------|
| BH017 | 5/16" |  |
| BH018 | 3/8" | |
| BH019 | 1/2" | |
| BH020 | 5/8" | |
| BH021 | 3/4" | |
| BH022 | 7/8" | |
| BH023 | 1" | |
| BH024 | 1-1/8" | |


EXTENSION SPRINGS

| | | |
|-------|-----------------|-------------------------------------------------------------------------------------|
| BH036 | 3 x 7/16" x 18G |  |
| BH037 | 2-1/2 x 11/32" | |
| BH038 | 3-1/8 x 11/32" | |
| BH040 | 2 x 9/32" x 21G | |


GREASE NIPPLES

| | | |
|-------|-------------------|-------------------------------------------------------------------------------------|
| BH053 | 1/4" UNF Straight |  |
| BH057 | 1/8" BSP Straight | |
| BH062 | 1/4" UNF 90° | |
| BH063 | 6mm Straight | |
| BH064 | 6mm 45° | |


COPPER WASHERS

| | | |
|-------|---------------|-------------------------------------------------------------------------------------|
| BH068 | 5/16 x 5/8" |  |
| BH069 | 3/8 x 3/4" | |
| BH070 | 7/16 x 13/16" | |
| BH071 | 1/2 x 7/8" | |

SPEED NUTS

| | | |
|-------|--------------------|-------------------------------------------------------------------------------------|
| BH097 | 8G x 31/32 x 7/16" |  |
| BH098 | 10G x 13/16 x 1/2" | |
| BH099 | 6G x 21/32 x 7/16" | |
| BH106 | 8G x 21/32 x 7/16" | |


FIBRE WASHERS

| | | |
|-------|-------------|-------------------------------------------------------------------------------------|
| BH109 | 3/16 x 1/2" |  |
| BH110 | 1/4 x 9/16" | |


SELF-TAPPING SCREWS – PAN HEAD

| | | |
|-------|------------|-------------------------------------------------------------------------------------|
| BH125 | 14G x 3/4" |  |
| BH153 | 10G x 1/2" | |


FLAT WASHERS

| | | |
|-------|-------|--------------------------------------------------------------------------------------|
| BH170 | 3/16" |  |
| BH171 | 1/4" | |
| BH172 | 5/16" | |
| BH173 | 3/8" | |
| BH174 | 7/16" | |
| BH175 | 1/2" | |
| BH703 | 10mm | |


SPLIT PINS

| | | |
|-------|---------------|---------------------------------------------------------------------------------------|
| BH180 | 2 x 36mm |  |
| BH181 | 2.5 x 25mm | |
| BH183 | 7/64 x 2" | |
| BH184 | 7/64 x 1-1/4" | |
| BH185 | 3.2 x 32mm | |
| BH186 | 3.2 x 50mm | |
| BH187 | 9/64 x 2" | |
| BH188 | 4 x 50mm | |
| BH193 | 2.5 x 50mm | |
| BH194 | 5 x 50mm | |


PANEL WASHERS

| | | |
|-------|---------------|---------------------------------------------------------------------------------------|
| BH226 | 1/4 x 1-1/4" |  |
| BH227 | 5/16 x 1-1/4" | |
| BH228 | 3/8 x 1-1/4" | |

SPRING WASHERS

| | | |
|-------|-------|---------------------------------------------------------------------------------------|
| BH328 | 1/4" |  |
| BH329 | 5/16" | |
| BH330 | 3/8" | |
| BH713 | 7/16" | |
| BH332 | 1/2" | |
| BH336 | 6mm | |
| BH338 | 10mm | |

TRIM CLIPS

| | | |
|-------|-----------------------|---------------------------------------------------------------------------------------|
| BH425 | Canoe Black Trim Clip |  |
| BH437 | Xmas Tree Clip, Black | |

Listing continued...

MACHINE SCREWS – METRIC

| | |
|-------|----------|
| BH620 | 4 x 10mm |
| BH621 | 5 x 16mm |
| BH623 | 6 x 16mm |

METRIC THREAD, GR8.8

| | | |
|--------|------------------|---------------------------|
| BM12 | 5 x 16mm | Set Screws & Nuts |
| BM13 | 5 x 20mm | Set Screws & Nuts |
| BM18 | 5 x 50mm | Set Screws & Nuts |
| BM21 | 6 x 16mm | Set Screws & Nuts |
| BM22 | 6 x 20mm | Set Screws & Nuts |
| BM23 | 6 x 25mm | Set Screws & Nuts |
| BM25 | 6 x 30mm | Set Screws & Nuts |
| BM27 | 6 x 40mm | Set Screws & Nuts |
| BM30 | 6 x 50mm | Set Screws & Nuts |
| BM40 | 7 x 35mm | Set Screws & Nuts |
| BM45 | 8 x 16mm | Set Screws & Nuts |
| BM47 | 8 x 20mm | Set Screws & Nuts |
| BM48 | 8 x 25mm | Set Screws & Nuts |
| BM51 | 8 x 30mm | Set Screws & Nuts |
| BM52 | 8 x 35mm | Set Screws & Nuts |
| BM55 | 8 x 40mm | Set Screws & Nuts |
| BM58 | 8 x 50mm | Set Screws & Nuts |
| BM70 | 8 x 100mm | Set Screws & Nuts |
| BM79 | 10 x 25mm | Set Screws & Nuts |
| BM83 | 10 x 35mm | Set Screws & Nuts |
| BM84 | 10 x 40mm | Set Screws & Nuts |
| BM88 | 10 x 50mm | Set Screws & Nuts |
| BM104 | 10 x 1.25 x 25mm | Set Screws & Nuts |
| BM106 | 10 x 1.25 x 35mm | Set Screws & Nuts |
| BM109 | 10 x 1.25 x 45mm | Set Screws & Nuts |
| BM152 | 12 x 1.25 x 50 | Set Screws & Nuts |
| BM159 | 6 x 1.00mm | Hex Nuts |
| BM161 | 8 x 1.25mm | Hex Nuts |
| BM164 | 10 x 1.25mm | Hex Nuts |
| SHM21 | 6 x 16mm | Metric Socket Head Screws |
| SHM22 | 6 x 20mm | Metric Socket Head Screws |
| SHM23 | 6 x 25mm | Metric Socket Head Screws |
| SHM25 | 6 x 30mm | Metric Socket Head Screws |
| SHM27 | 6 x 40mm | Metric Socket Head Screws |
| SHM30 | 6 x 50mm | Metric Socket Head Screws |
| SHM34 | 6 x 70mm | Metric Socket Head Screws |
| SHM45 | 8 x 16mm | Metric Socket Head Screws |
| SHM48 | 8 x 25mm | Metric Socket Head Screws |
| SLM157 | 5 x 0.8mm | Nylon Insert Lock Nuts |
| SLM158 | 6 x 1mm | Nylon Insert Lock Nuts |
| SLM161 | 8 x 1.25mm | Nylon Insert Lock Nuts |
| SLM162 | 8 x 1mm | Nylon Insert Lock Nuts |
| SLM163 | 10 x 1.5mm | Nylon Insert Lock Nuts |
| SLM164 | 10 x 1.25mm | Nylon Insert Lock Nuts |
| SLM165 | 10 x 1mm | Nylon Insert Lock Nuts |
| SLM166 | 12 x 1.75mm | Nylon Insert Lock Nuts |
| SLM167 | 12 x 1.5mm | Nylon Insert Lock Nuts |
| SLM168 | 12 x 1.25mm | Nylon Insert Lock Nuts |

FLANGE HEAD SET SCREWS & NUTS, GR8.8

| | | |
|--------|------------------|-------------------|
| FBM21 | 6 x 16mm | Set Screws & Nuts |
| FBM22 | 6 x 20mm | Set Screws & Nuts |
| FBM23 | 6 x 25mm | Set Screws & Nuts |
| FBM25 | 6 x 30mm | Set Screws & Nuts |
| FBM27 | 6 x 40mm | Set Screws & Nuts |
| FBM45 | 8 x 16mm | Set Screws & Nuts |
| FBM47 | 8 x 20mm | Set Screws & Nuts |
| FBM48 | 8 x 25mm | Set Screws & Nuts |
| FBM51 | 8 x 30mm | Set Screws & Nuts |
| FBM55 | 8 x 40mm | Set Screws & Nuts |
| FBM57 | 8 x 50mm | Set Screws & Nuts |
| FBM104 | 10 x 1.25 x 25mm | Set Screws & Nuts |
| FBM106 | 10 x 1.25 x 35mm | Set Screws & Nuts |
| FBM107 | 10 x 1.25 x 40mm | Set Screws & Nuts |
| FBM110 | 10 x 1.25 x 50mm | Set Screws & Nuts |
| FBM12 | 5 x 16mm | Set Screws & Nuts |
| FBM14 | 5 x 25mm | Set Screws & Nuts |
| FBM157 | 5 x 0.8mm | Hex Flange Nuts |
| FBM159 | 6 x 1.0mm | Hex Flange Nuts |
| FBM161 | 8 x 1.25mm | Hex Flange Nuts |
| FBM164 | 10 x 1.25mm | Hex Flange Nuts |

BLISTER ASSORTMENTS

| | |
|-------|--------------------|
| CBB2 | 'R' Clips |
| CBB3 | Roll Pins |
| CBB4 | Imprial 'O' Rings |
| CBB5 | Metric 'O' Rings |
| CBB7 | Metric Grub Screws |
| CBB8 | Fibre Washers |
| CBB9 | Circlips |
| CBB10 | 'E' Clips |
| CBB11 | Sump Plugs |
| CBB16 | Grease Nipples |
| CBB17 | Grease Nipples |
| CBB20 | Wiring Grommets |
| CBB21 | Blanking Grommets |
| CBB23 | Split Pins |
| CBB31 | Anti-Theft Screws |



STAINLESS STEEL SELF-TAPPING SCREWS – PAN HEAD

| | |
|-------|------------|
| CSP14 | 8G x 1/2" |
| CSP15 | 8G x 3/4" |
| CSP17 | 10G x 1/2" |
| CSP18 | 10G x 1" |



STAINLESS STEEL MACHINE SCREWS & NUTS

| | | |
|-------|----------|-------------|
| CSP19 | 6 x 25mm | Pan Head |
| CSP21 | 6 x 25mm | Countersunk |



STAINLESS STEEL SPLIT PINS

| | |
|-------|------------|
| CSP25 | 2.5 x 40mm |
| CSP26 | 3.2 x 50mm |



STAINLESS STEEL SPRING WASHERS

| | |
|-------|------|
| CSP28 | 5mm |
| CSP29 | 6mm |
| CSP30 | 8mm |
| CSP31 | 10mm |



STAINLESS STEEL FLAT WASHERS

| | |
|-------|------|
| CSP32 | 4mm |
| CSP33 | 5mm |
| CSP34 | 6mm |
| CSP35 | 8mm |
| CSP36 | 10mm |



STAINLESS STEEL SET SCREWS & NUTS

| | |
|-------|----------|
| CSP37 | 4 x 20mm |
| CSP38 | 4 x 35mm |
| CSP39 | 5 x 25mm |
| CSP41 | 6 x 16mm |
| CSP42 | 6 x 25mm |
| CSP44 | 8 x 25mm |



STAINLESS STEEL SOCKET HEAD SCREWS

| | |
|-------|----------|
| CSP51 | 5 x 10mm |
| CSP52 | 5 x 25mm |
| CSP53 | 6 x 16mm |
| CSP54 | 6 x 25mm |
| CSP56 | 8 x 25mm |



VACUUM CONECTORS

| | | |
|-------|------|-------------------|
| CVC1 | 3mm | 'T' Piece |
| CVC2 | 5mm | 'T' Piece |
| CVC3 | 6mm | 'T' Piece |
| CVC4 | 8mm | 'T' Piece |
| CVC5 | 10mm | 'T' Piece |
| CVC7 | 5mm | 90° Elbows |
| CVC8 | 6mm | 90° Elbows |
| CVC9 | 8mm | 90° Elbows |
| CVC17 | 3mm | Straight Connect. |
| CVC18 | 5mm | Straight Connect. |
| CVC19 | 6mm | Straight Connect. |
| CVC20 | 8mm | Straight Connect. |
| CVC21 | 10mm | Straight Connect. |
| CVC30 | 5mm | 3 Way 'Y' Piece |
| CVC44 | 3mm | Caps |
| CVC45 | 4mm | Caps |
| CVC46 | 5mm | Caps |
| CVC47 | 6mm | Caps |
| CVC48 | 8mm | Caps |
| CVC49 | 10mm | Caps |



BRASS HOSE JOINERS

| | | |
|------|-------------|--------------------|
| HC2 | 1/4" | Brass Hose Joiners |
| HC3 | 5/16" | Brass Hose Joiners |
| HC4 | 3/8" | Brass Hose |
| HC5 | 1/2" | Brass Hose |
| HC6 | 5/8" | Brass Hose |
| HC10 | 5/16" | Brass 'T' Joiners |
| HC11 | 3/8" | Brass 'T' Fittings |
| HC14 | 3/16 x 1/8" | Male Hose Barbs |
| HC15 | 1/4 x 1/8" | Male Hose Barbs |
| HC16 | 5/16 x 1/8" | Male Hose Barbs |
| HC17 | 3/8 x 1/8" | Male Hose Barbs |
| HC20 | 5/16 x 1/4" | Male Hose Barbs |
| HC21 | 3/8 x 1/4" | Male Hose Barbs |
| HC40 | 5/8 x 3/8 | 90° Male Elbows |
| HC45 | 1/2 - 1/4" | Hex Reducing Bush |



TRIM CLIPS

| | |
|------|-------------------------------|
| TF1 | Xmas Tree Clips |
| TF3 | Xmas Tree Clips |
| TF4 | Xmas Tree Clips |
| TF5 | Xmas Tree Clips |
| TF6 | Xmas Tree Clips |
| TF8 | Xmas Tree Clips |
| TF10 | Xmas Tree Clips |
| TF11 | Xmas Tree Clips |
| TF12 | Xmas Tree Clips, Grey |
| TF13 | Xmas Tree Clips |
| TF18 | Moulding Clips |
| TF20 | Canoe Clips |
| TF23 | Bonnet Insulation Clip |
| TF24 | Anchor Trim Clips |
| TF25 | Retainer Clips |
| TF27 | 6mm Scrivet Clips |
| TF28 | Plastic Push Rivets |
| TF29 | Scrivet Clips - 6mm Hole |
| TF30 | Scrivet Clips - 8mm Hole |
| TF31 | Screw Rivets |
| TF32 | Splash Guard Clips |
| TF33 | 6G Screw Grommets |
| TF34 | 8G Screw Grommets |
| TF36 | 10G Screw Grommets |
| TF37 | Door Trim Clips |
| TF38 | Door Trim Clips |
| TF39 | Universal Door Trim Bush 10mm |
| TF40 | Universal Door Trim Bush 13mm |
| TF46 | Door Trim Bush |
| TF49 | Window Winder Clips |
| TF50 | M5 Headlamp Captive Nuts |
| TF51 | M6 Short Captive Nuts |





STAINLESS STEEL & HANDY PACK COMBO

Part No. **HP100**



FRONT PROFILE



REAR PROFILE

HP100

STAINLESS STEEL & HANDY PACK COMBO

This stand is a combination of 316 Grade Stainless Steel blisters and a range of Handy Packs that will cover most automotive, marine and handy man requirements. This stand is suitable for automotive and hardware. This stand works in conjunction with the BN200 to give your store an extensive range to cover your customer's needs.

- 316 Stainless Steel
- Handy Packs

Includes:

- 3 x 73 316 Stainless Steel Packs
- 5 x 179 Handy Packs
- Total of 1114 Packs



Merchandise contents listing on pages 191-193

MERCHANDISER CONTENTS (252 TYPES)

WIRING GROMMETS

| | |
|-------|----------------|
| BH001 | 1/8 x 9/32" |
| BH002 | 3/16 x 5/16" |
| BH003 | 1/4 x 1/2" |
| BH004 | 5/16 x 17/32" |
| BH005 | 3/8 x 1/2" |
| BH006 | 3/8 x 5/8" |
| BH007 | 3/8 x 3/4" |
| BH008 | 7/16 x 3/4" |
| BH009 | 1/2 x 21/32" |
| BH010 | 5/8 x 1" |
| BH011 | 3/4 x 15/16" |
| BH012 | 29/32 x 1-1/4" |



BLANKING GROMMETS

| | |
|-------|--------|
| BH017 | 5/16" |
| BH018 | 3/8" |
| BH019 | 1/2" |
| BH020 | 5/8" |
| BH021 | 3/4" |
| BH022 | 7/8" |
| BH023 | 1" |
| BH024 | 1-1/8" |



EXTENSION SPRINGS

| | |
|-------|----------------------|
| BH034 | 3-3/4 x 1/2" x 17G |
| BH035 | 2-1/2 x 1/2" x 17G |
| BH036 | 3 x 7/16" x 18G |
| BH037 | 2-1/2 x 11/32" x 20G |
| BH038 | 3-1/8 x 11/32" x 20G |
| BH039 | 2-7/8 x 9/32" x 21G |
| BH040 | 2 x 9/32" x 21G |



GREASE NIPPLES

| | |
|-------|------------------------|
| BH053 | 1/4" UNF Straight |
| BH054 | 1/4" UNF 45° |
| BH057 | 1/8" BSP Straight |
| BH061 | 1/4" UNF x 1-1/4" Long |
| BH062 | 1/4" UNF 90° |
| BH063 | 6mm Straight |
| BH064 | 6mm 45° |



COPPER WASHERS

| | |
|-------|--------------|
| BH067 | 1/4 x 9/16" |
| BH068 | 5/16 x 5/8" |
| BH069 | 3/8 x 3/4" |
| BH070 | 7/16 x 13/16 |
| BH071 | 1/2 x 7/8" |
| BH072 | 5/8 x 1" |
| BH073 | 3/4 x 1-1/8" |



FINE THREAD SCREWS & NUTS

| | |
|-------|----------------|
| BH077 | 6/40 x 3/4" |
| BH079 | 8/36 x 1/2" |
| BH080 | 8/36 x 3/4" |
| BH081 | 8/36 x 1" |
| BH082 | 8/36 x 1-1/4" |
| BH083 | 10/32 x 1/2" |
| BH086 | 10/32 x 1-1/2" |



ROOFING BOLTS & NUTS

| | |
|-------|---------------|
| BH090 | 3/16 x 1/2" |
| BH091 | 3/16 x 3/4" |
| BH092 | 3/16 x 1" |
| BH093 | 3/16 x 1-1/2" |
| BH094 | 1/4 x 3/4" |
| BH095 | 1/4 x 1" |
| BH096 | 1/4 x 1-1/2" |



SPEED NUTS

| | |
|-------|--------------------|
| BH097 | 8G x 31/32 x 7/16" |
| BH098 | 10G x 13/16 x 1/2" |
| BH099 | 6G x 21/32 x 7/16" |
| BH101 | 1/8 x 1/2 x 5/16" |
| BH106 | 8G x 21/32 x 7/16" |



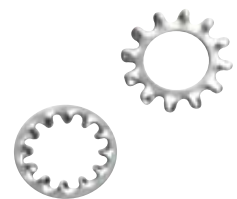
FIBRE WASHERS

| | |
|-------|-------------|
| BH109 | 3/16 x 1/2" |
| BH110 | 1/4 x 9/16" |
| BH111 | 5/16 x 5/8" |
| BH112 | 3/8 x 3/4" |
| BH113 | 1/2 x 7/8" |



STAR WASHERS

| | |
|-------|----------------|
| BH127 | 3/16" External |
| BH128 | 1/4" External |
| BH134 | 3/16" Internal |
| BH135 | 1/4" Internal |
| BH136 | 5/16" Internal |



SELF-TAPPING SCREWS – PAN HEAD

| | |
|-------|-------------|
| BH121 | 8G x 1" |
| BH123 | 14G x 1/2" |
| BH125 | 14G x 3/4" |
| BH151 | 6G x 3/8" |
| BH152 | 8G x 1/2" |
| BH153 | 10G x 1/2" |
| BH158 | 10G x 1" |
| BH165 | 10G x 3/4" |
| BH166 | 12G x 1" |
| BH503 | 8G x 3/4" |
| BH504 | 8G x 1-1/2" |



Listing continued...

SELF-TAPPING SCREWS – RAISED HEAD

| | |
|-------|-------------|
| BH147 | 8G x 1" |
| BH149 | 8G x 1-1/2" |
| BH150 | 10G x 3/4" |
| BH156 | 8G x 3/4" |
| BH505 | 10G x 1" |



SELF-TAPPING SCREWS – BLACK ZINC

| | |
|-------|-------------|
| BH731 | 6G x 1/2" |
| BH732 | 6G x 3/4" |
| BH734 | 8G x 3/8" |
| BH735 | 8G x 5/8" |
| BH736 | 8G x 3/4" |
| BH737 | 8G x 1" |
| BH738 | 8G x 1-1/2" |
| BH739 | 10G x 1/2" |
| BH740 | 10G x 3/4" |
| BH741 | 10G x 1" |
| BH742 | 12G x 1" |



SELF-TAPPING WASHER FACE SCREWS – BLACK ZINC

| | |
|-------|------------|
| BH750 | 6G x 1/2" |
| BH751 | 6G x 3/4" |
| BH752 | 8G x 1/2" |
| BH753 | 8G x 3/4" |
| BH754 | 8G x 1" |
| BH755 | 10G x 1/2" |
| BH756 | 10G x 3/4" |
| BH757 | 12G x 1" |



FLAT WASHERS

| | |
|-------|-------|
| BH170 | 3/16" |
| BH171 | 1/4" |
| BH172 | 5/16" |
| BH173 | 3/8" |
| BH174 | 7/16" |
| BH175 | 1/2" |
| BH176 | 5/8" |
| BH177 | 3/4" |



SPLIT PINS

| | |
|-------|---------------|
| BH178 | 1.6 x 22mm |
| BH179 | 2 x 22mm |
| BH180 | 2 x 36mm |
| BH181 | 2.5 x 25mm |
| BH182 | 2.5 x 32mm |
| BH183 | 7/64 x 2" |
| BH184 | 7/64 x 1-1/4" |
| BH185 | 3.2 x 32mm |
| BH186 | 3.2 x 50mm |
| BH187 | 9/64 x 2" |
| BH188 | 4 x 50mm |
| BH193 | 2.5 x 50mm |
| BH194 | 5 x 50mm |



PANEL WASHERS

| | |
|-------|---------------|
| BH226 | 1/4 x 1-1/4" |
| BH227 | 5/16 x 1-1/4" |
| BH228 | 3/8 x 1-1/4" |



EXTERNAL SHAFT LOCKING RINGS

| | |
|-------|-----|
| BH260 | 4mm |
| BH261 | 5mm |
| BH262 | 6mm |
| BH263 | 8mm |



'R' CLIPS

| | |
|-------|-------------------|
| BH270 | 3/16 - 1/4" Shaft |
| BH271 | 1/4 - 3/8" Shaft |
| BH272 | 5/16 - 1/2" Shaft |
| BH273 | 3/8 - 1/2" Shaft |
| BH274 | 7/16 - 3/4" Shaft |
| BH275 | 5/8 - 7/8" Shaft |



SELF-DRILLING SCREWS

| | |
|-------|-----------------|
| BH280 | 10G x 16 x 16mm |
| BH281 | 10G x 16 x 22mm |
| BH282 | 10G x 16 x 30mm |
| BH283 | 8G x 18 x 22mm |
| BH284 | 8G x 18 x 16mm |
| BH285 | 8G x 18 x 20mm |
| BH286 | 8G x 18 x 25mm |



MANIFOLD STUDS

| | |
|-------|-----------------------|
| BH290 | 3/8 x 2" UNC Stud |
| BH291 | 8 x 38mm Stud |
| BH293 | 10 x 1.25 x 43mm Stud |
| BH294 | 10 x 1.5 x 40mm Stud |
| BH296 | 3/8 x 1" UNC Stud |



SPRING WASHERS

| | |
|-------|-------|
| BH328 | 1/4" |
| BH329 | 5/16" |
| BH330 | 3/8" |
| BH713 | 7/16" |
| BH332 | 1/2" |
| BH336 | 6mm |
| BH338 | 10mm |
| BH714 | 12mm |



TRIM CLIPS

| | |
|-------|------------------------|
| BH425 | Canoe Clips, Black |
| BH437 | Xmas Tree Clips, Black |
| BH438 | Universal Door |
| BH439 | 6mm Scrivets |
| BH440 | 6G Screw Grommets |
| BH441 | 8G Screw Grommets |
| BH442 | 10G Screw Grommets |



MACHINE SCREWS – METRIC

| | |
|-------|----------|
| BH620 | 4 x 10mm |
| BH621 | 5 x 16mm |
| BH622 | 5 x 20mm |
| BH623 | 6 x 16mm |
| BH624 | 6 x 20mm |



SUMP PLUG WASHERS

| | |
|-------|------------------------|
| BH631 | Suits #1 Plug |
| BH632 | Suits #1 Oversize Plug |
| BH633 | Suits #3 Plug |
| BH634 | Suits M14 Plug |
| BH635 | Suits M18 Plug |



FLAT WASHERS

| | |
|-------|------|
| BH702 | 6mm |
| BH703 | 10mm |
| BH704 | 12mm |



STAINLESS STEEL SELF-TAPPING SCREWS

| | |
|-------|------------------------|
| CSP02 | 6G x 1/2" Countersunk |
| CSP03 | 6G x 3/4" Countersunk |
| CSP04 | 6G x 1" Countersunk |
| CSP05 | 8G x 3/4" Countersunk |
| CSP06 | 8G x 1" Countersunk |
| CSP07 | 10G x 3/4" Countersunk |
| CSP08 | 10G x 1" Countersunk |
| CSP09 | 4G x 5/8" Pan Head |
| CSP10 | 6G x 1/2" Pan Head |
| CSP11 | 6G x 3/4" Pan Head |
| CSP12 | 6G x 1" Pan Head |
| CSP13 | 8G x 3/8" Pan Head |
| CSP14 | 8G x 1/2" Pan Head |
| CSP15 | 8G x 3/4" Pan Head |
| CSP16 | 8G x 1" Pan Head |
| CSP17 | 10G x 1/2" Pan Head |
| CSP18 | 10G x 1" Pan Head |



STAINLESS STEEL MACHINE SCREWS & NUTS

| | |
|-------|----------------------|
| CSP19 | 6 x 25mm Pan Head |
| CSP20 | 6 x 50mm Pan Head |
| CSP21 | 6 x 25mm Countersunk |
| CSP22 | 6 x 50mm Countersunk |



STAINLESS STEEL SPLIT PINS

| | |
|-------|------------|
| CSP23 | 1.6 x 32mm |
| CSP24 | 2 x 40mm |
| CSP25 | 2.5 x 40mm |
| CSP26 | 3.2 x 50mm |



STAINLESS STEEL SPRING WASHERS

| | |
|-------|------|
| CSP27 | 4mm |
| CSP28 | 5mm |
| CSP29 | 6mm |
| CSP30 | 8mm |
| CSP31 | 10mm |



STAINLESS STEEL FLAT WASHERS

| | |
|-------|------|
| CSP32 | 4mm |
| CSP33 | 5mm |
| CSP34 | 6mm |
| CSP35 | 8mm |
| CSP36 | 10mm |



STAINLESS STEEL SET SCREWS & NUTS

| | |
|-------|-----------|
| CSP37 | 4 x 20mm |
| CSP38 | 4 x 35mm |
| CSP39 | 5 x 25mm |
| CSP40 | 5 x 35mm |
| CSP41 | 6 x 16mm |
| CSP42 | 6 x 25mm |
| CSP43 | 6 x 40mm |
| CSP44 | 8 x 25mm |
| CSP45 | 8 x 35mm |
| CSP46 | 8 x 40mm |
| CSP47 | 8 x 50mm |
| CSP48 | 10 x 25mm |
| CSP49 | 10 x 35mm |
| CSP50 | 10 x 50mm |



STAINLESS STEEL SOCKET HEAD SCREWS

| | |
|-------|----------|
| CSP51 | M5 x 10 |
| CSP52 | M5 x 25 |
| CSP53 | M6 x 16 |
| CSP54 | M6 x 25 |
| CSP55 | M8 x 16 |
| CSP56 | M8 x 25 |
| CSP57 | M10 x 25 |



STAINLESS STEEL SELF-TAPPING SCREWS – PAN HEAD

| | |
|-------|--------------|
| CSP93 | 8G x 1-1/4" |
| CSP94 | 10G x 1-1/4" |
| CSP95 | 10G x 1-1/2" |
| CSP96 | 8G x 1/2" |
| CSP97 | 8G x 1-1/4" |
| CSP98 | 8G x 1-1/4" |
| CSP99 | 8G x 1-1/2" |



STAINLESS STEEL DOME NUTS

| | |
|------|------|
| DN4 | M4 |
| DN5 | M5 |
| DN6 | 6mm |
| DN8 | 8mm |
| DN10 | 10mm |



STAINLESS STEEL SELF-LOCKING NUTS – 316/A4

| | |
|-------|------|
| SLN4 | M4 |
| SLN5 | M5 |
| SLN6 | 6mm |
| SLN8 | 8mm |
| SLN10 | 10mm |





HIGH TENSILE & PANEL PACK COMBO

Part No. **BN200**



FRONT PROFILE



REAR PROFILE

BN200

HIGH TENSILE & PANEL PACK COMBO

This stand incorporates High Tensile Bolts & Nuts, Flange Head Bolts & Nuts, Socket Head Screws and more. Designed to stand alongside the HP100 to provide a full range suited for both the automotive and hardware industries. The BN200 stand incorporates a time saving thread tester and is suitable for full size or high turnover stores.

- Trade Packs
- Panel Packs
- Blister Assortments
- Bolts & Nuts
- Thread Lock

Includes:

- 3 x 18 Trade Packs
- 3 x 42 Panel Packs
- 3 x 23 Assortment Packs
- 3 x 199 of Bolt & Nut Packs
- 3 x 5 Thread Lock
- Total of 861 Packs



Merchandiser contents listing on pages 195-197

MERCHANDISER CONTENTS (287 TYPES)

UNC THREAD, GR5

| | | |
|-------|---------------|---------------------------|
| BC1 | 1/4 x 1/2" | Set Screws & Nuts |
| BC3 | 1/4 x 3/4" | Set Screws & Nuts |
| BC4 | 1/4 x 1" | Set Screws & Nuts |
| BC6 | 1/4 x 1-1/4" | Set Screws & Nuts |
| BC8 | 1/4 x 1-1/2" | Set Screws & Nuts |
| BC9 | 1/4 x 1-1/2" | Bolts & Nuts |
| BC11 | 1/4 x 2" | Set Screws & Nuts |
| BC14 | 1/4 x 3" | Bolts & Nuts |
| BC15 | 5/16 x 3/4" | Set Screws & Nuts |
| BC17 | 5/16 x 1" | Set Screws & Nuts |
| BC19 | 5/16 x 1-1/4" | Set Screws & Nuts |
| BC20 | 5/16 x 1-1/2" | Bolts & Nuts |
| BC21 | 5/16 x 1-1/2" | Set Screws & Nuts |
| BC23 | 5/16 x 2" | Bolts & Nuts |
| BC26 | 5/16 x 2-1/2" | Bolts & Nuts |
| BC31 | 3/8 x 3/4" | Set Screws & Nuts |
| BC33 | 3/8 x 1" | Set Screws & Nuts |
| BC34 | 3/8 x 1-1/4" | Set Screws & Nuts |
| BC36 | 3/8 x 1-1/2" | Set Screws & Nuts |
| BC37 | 3/8 x 1-1/2" | Bolts & Nuts |
| BC38 | 3/8 x 1-3/4" | Bolts & Nuts |
| BC39 | 3/8 x 2" | Bolts & Nuts |
| BC40 | 3/8 x 2" | Set Screws & Nuts |
| BC42 | 3/8 x 2-1/2" | Bolts & Nuts |
| BC43 | 3/8 x 3" | Bolts & Nuts |
| BC44 | 3/8 x 3" | Set Screws & Nuts |
| BC45 | 3/8 x 3-1/2" | Bolts & Nuts |
| BC47 | 3/8 x 4" | Bolts & Nuts |
| BC50 | 7/16 x 1" | Set Screws & Nuts |
| BC54 | 7/16 x 1-1/2" | Set Screws & Nuts |
| BC60 | 7/16 x 3-1/2" | Bolts & Nuts |
| BC61 | 7/16 x 4" | Bolts & Nuts |
| BC63 | 1/2 x 1-1/4" | Set Screws & Nuts |
| BC65 | 1/2 x 1-1/2" | Bolts & Nuts |
| BC66 | 1/2 x 1-1/2" | Set Screws & Nuts |
| BC69 | 1/2 x 2" | Bolts & Nuts |
| BC70 | 1/2 x 2" | Set Screws & Nuts |
| BC75 | 1/2 x 3-1/2" | Bolts & Nuts |
| BC76 | 1/2 x 4" | Bolts & Nuts |
| BC78 | 5/16" | Hexagon Nuts |
| BC79 | 3/8" | Hexagon Nuts |
| SLC77 | 1/4" | Nylon Insert Locking Nuts |
| SLC78 | 5/16" | Nylon Insert Locking Nuts |
| SLC79 | 3/8" | Nylon Insert Locking Nuts |
| SLC80 | 7/16" | Nylon Insert Locking Nuts |
| SLC81 | 1/2" | Nylon Insert Locking Nuts |

UNF THREAD, GR5

| | | |
|------|---------------|-------------------|
| BF1 | 1/4 x 1/2" | Set Screws & Nuts |
| BF3 | 1/4 x 3/4" | Set Screws & Nuts |
| BF4 | 1/4 x 1" | Set Screws & Nuts |
| BF7 | 1/4 x 1-1/4" | Bolts & Nuts |
| BF8 | 1/4 x 1-1/2" | Set Screws & Nuts |
| BF11 | 1/4 x 2" | Set Screws & Nuts |
| BF14 | 1/4 x 3" | Bolts & Nuts |
| BF15 | 5/16 x 3/4" | Set Screws & Nuts |
| BF17 | 5/16 x 1" | Set Screws & Nuts |
| BF19 | 5/16 x 1-1/4" | Set Screws & Nuts |
| BF20 | 5/16 x 1-1/2" | Set Screws & Nuts |
| BF21 | 5/16 x 1-1/2" | Set Screws & Nuts |
| BF23 | 5/16 x 2" | Bolts & Nuts |
| BF31 | 3/8 x 3/4" | Set Screws & Nuts |
| BF33 | 3/8 x 1" | Set Screws & Nuts |
| BF34 | 3/8 x 1-1/4" | Set Screws & Nuts |
| BF36 | 3/8 x 1-1/2" | Set Screws & Nuts |
| BF37 | 3/8 x 1-1/2" | Bolts & Nuts |
| BF50 | 7/16 x 1" | Set Screws & Nuts |
| BF52 | 7/16 x 1-1/4" | Set Screws & Nuts |
| BF54 | 7/16 x 1-1/2" | Set Screws & Nuts |
| BF57 | 7/16 x 2" | Bolts & Nuts |
| BF62 | 1/2 x 1" | Set Screws & Nuts |
| BF63 | 1/2 x 1-1/4" | Set Screws & Nuts |
| BF65 | 1/2 x 1-1/2" | Bolts & Nuts |
| BF66 | 1/2 x 1-1/2" | Set Screws & Nuts |
| BF69 | 1/2 x 2" | Bolts & Nuts |
| BF75 | 1/2 x 3-1/2" | Bolts & Nuts |
| BF78 | 5/16" | Hexagon Nuts |
| BF79 | 3/8" | Hexagon Nuts |
| BF80 | 7/16" | Hexagon Nuts |

METRIC THREAD, GR8.8

| | | |
|------|----------|-------------------|
| BM12 | 5 x 16mm | Set Screws & Nuts |
| BM13 | 5 x 20mm | Set Screws & Nuts |
| BM14 | 5 x 25mm | Set Screws & Nuts |
| BM15 | 5 x 30mm | Set Screws & Nuts |
| BM18 | 5 x 50mm | Set Screws & Nuts |
| BM21 | 6 x 16mm | Set Screws & Nuts |
| BM22 | 6 x 20mm | Set Screws & Nuts |
| BM23 | 6 x 25mm | Set Screws & Nuts |
| BM25 | 6 x 30mm | Set Screws & Nuts |
| BM26 | 6 x 35mm | Set Screws & Nuts |
| BM27 | 6 x 40mm | Set Screws & Nuts |
| BM29 | 6 x 50mm | Bolts & Nuts |
| BM30 | 6 x 50mm | Set Screws & Nuts |
| BM32 | 6 x 60mm | Bolts & Nuts |
| BM34 | 6 x 70mm | Bolts & Nuts |
| BM35 | 6 x 80mm | Bolts & Nuts |

Listing continued...

METRIC THREAD, GR8.8 *Continued*

| | | |
|-------|------------------|-------------------|
| BM37 | 6 x 100mm | Bolts & Nuts |
| BM40 | 7 x 35mm | Set Screws & Nuts |
| BM45 | 8 x 16mm | Set Screws & Nuts |
| BM47 | 8 x 20mm | Set Screws & Nuts |
| BM48 | 8 x 25mm | Set Screws & Nuts |
| BM51 | 8 x 30mm | Set Screws & Nuts |
| BM52 | 8 x 35mm | Set Screws & Nuts |
| BM55 | 8 x 40mm | Set Screws & Nuts |
| BM57 | 8 x 50mm | Bolts & Nuts |
| BM58 | 8 x 50mm | Set Screws & Nuts |
| BM60 | 8 x 60mm | Bolts & Nuts |
| BM63 | 8 x 65mm | Bolts & Nuts |
| BM65 | 8 x 75mm | Bolts & Nuts |
| BM67 | 8 x 80mm | Bolts & Nuts |
| BM69 | 8 x 100mm | Bolts & Nuts |
| BM70 | 8 x 100mm | Set Screws & Nuts |
| BM74 | 8 x 1.00 x 35mm | Set Screws & Nuts |
| BM77 | 8 x 1.00 x 50mm | Bolts & Nuts |
| BM79 | 10 x 25mm | Set Screws & Nuts |
| BM83 | 10 x 35mm | Set Screws & Nuts |
| BM84 | 10 x 40mm | Set Screws & Nuts |
| BM86 | 10 x 45mm | Bolts & Nuts |
| BM87 | 10 x 50mm | Bolts & Nuts |
| BM88 | 10 x 50mm | Set Screws & Nuts |
| BM89 | 10 x 60mm | Bolts & Nuts |
| BM91 | 10 x 65mm | Bolts & Nuts |
| BM93 | 10 x 70mm | Bolts & Nuts |
| BM95 | 10 x 75mm | Bolts & Nuts |
| BM96 | 10 x 80mm | Bolts & Nuts |
| BM98 | 10 x 100mm | Bolts & Nuts |
| BM99 | 10 x 100mm | Set Screws & Nuts |
| BM102 | 10 x 1.00 x 35mm | Set Screws & Nuts |
| BM104 | 10 x 1.25 x 25mm | Set Screws & Nuts |
| BM106 | 10 x 1.25 x 35mm | Set Screws & Nuts |
| BM109 | 10 x 1.25 x 45mm | Set Screws & Nuts |
| BM110 | 10 x 1.25 x 50mm | Set Screws & Nuts |
| BM112 | 10 x 1.25 x 70mm | Bolts & Nuts |
| BM116 | 12 x 30mm | Set Screws & Nuts |
| BM120 | 12 x 40mm | Set Screws & Nuts |
| BM123 | 12 x 45mm | Set Screws & Nuts |
| BM124 | 12 x 50mm | Set Screws & Nuts |
| BM125 | 12 x 50mm | Bolts & Nuts |
| BM126 | 12 x 60mm | Bolts & Nuts |
| BM128 | 12 x 65mm | Bolts & Nuts |
| BM131 | 12 x 70mm | Bolts & Nuts |
| BM133 | 12 x 80mm | Bolts & Nuts |
| BM134 | 12 x 90mm | Bolts & Nuts |
| BM135 | 12 x 100mm | Bolts & Nuts |
| BM136 | 12 x 100mm | Set Screws & Nuts |

METRIC THREAD, GR8.8 *Continued*

| | | |
|--------|------------------|---------------------------|
| BM140 | 12 x 1.5 x 35mm | Set Screws & Nuts |
| BM142 | 12 x 1.5 x 40mm | Bolts & Nuts |
| BM144 | 12 x 1.5 x 50mm | Bolts & Nuts |
| BM145 | 12 x 1.5 x 50mm | Set Screws & Nuts |
| BM147 | 12 x 1.5 x 60mm | Bolts & Nuts |
| BM148 | 12 x 1.5 x 75mm | Bolts & Nuts |
| BM150 | 12 x 1.25 x 35mm | Set Screws & Nuts |
| BM152 | 12 x 1.25 x 50mm | Set Screws & Nuts |
| BM154 | 12 x 1.25 x 75mm | Bolts & Nuts |
| BM157 | 5 x 0.8mm | Hexagon Nuts |
| BM159 | 6 x 1.00mm | Hexagon Nuts |
| BM161 | 8 x 1.25mm | Hexagon Nuts |
| BM162 | 8 x 1.00mm | Hexagon Nuts |
| BM163 | 10 x 1.5mm | Hexagon Nuts |
| BM164 | 10 x 1.25mm | Hexagon Nuts |
| BM165 | 10 x 1.00mm | Hexagon Nuts |
| BM166 | 12 X 1.75mm | Hexagon Nuts |
| BM167 | 12 X 1.50mm | Hexagon Nuts |
| BM168 | 12 x 1.25mm | Hexagon Nuts |
| SHM21 | 6 x 16mm | Socket Head Screws |
| SHM22 | 6 x 20mm | Socket Head Screws |
| SHM23 | 6 x 25mm | Socket Head Screws |
| SHM25 | 6 x 30mm | Socket Head Screws |
| SHM27 | 6 x 40mm | Socket Head Screws |
| SHM48 | 8 x 25mm | Socket Head Screws |
| SLM157 | 5 x 0.8mm | Nylon Insert Locking Nuts |
| SLM158 | 6 x 1mm | Nylon Insert Locking Nuts |
| SLM160 | 7 x 1mm | Nylon Insert Locking Nuts |
| SLM161 | 8 x 1.25mm | Nylon Insert Locking Nuts |
| SLM162 | 8 x 1.00mm | Nylon Insert Locking Nuts |
| SLM163 | 10 x 1.5mm | Nylon Insert Locking Nuts |
| SLM164 | 10 x 1.25mm | Nylon Insert Locking Nuts |
| SLM165 | 10 x 1.00mm | Nylon Insert Locking Nuts |
| SLM166 | 12 x 1.75mm | Nylon Insert Locking Nuts |
| SLM167 | 12 x 1.5mm | Nylon Insert Locking Nuts |
| SLM168 | 12 x 1.25mm | Nylon Insert Locking Nuts |

FLANGE HEAD SET SCREWS & NUTS, GR8.8

| | | |
|-------|----------|-------------------|
| FBM12 | 5 x 16mm | Set Screws & Nuts |
| FBM14 | 5 x 25mm | Set Screws & Nuts |
| FBM21 | 6 x 16mm | Set Screws & Nuts |
| FBM22 | 6 x 20mm | Set Screws & Nuts |
| FBM23 | 6 x 25mm | Set Screws & Nuts |
| FBM25 | 6 x 30mm | Set Screws & Nuts |
| FBM27 | 6 x 40mm | Set Screws & Nuts |
| FBM45 | 8 x 16mm | Set Screws & Nuts |
| FBM47 | 8 x 20mm | Set Screws & Nuts |
| FBM48 | 8 x 25mm | Set Screws & Nuts |
| FBM51 | 8 x 30mm | Set Screws & Nuts |
| FBM55 | 8 x 40mm | Set Screws & Nuts |
| FBM57 | 8 x 50mm | Set Screws & Nuts |

FLANGE HEAD, GR8.8 *Continued*

| | | |
|--------|------------------|-------------------|
| FBM104 | 10 x 1.25 x 25mm | Set Screws & Nuts |
| FBM106 | 10 x 1.25 x 35mm | Set Screws & Nuts |
| FBM107 | 10 x 1.25 x 40mm | Set Screws & Nuts |
| FBM110 | 10 x 1.25 x 50mm | Set Screws & Nuts |
| FBM157 | 5 x 0.8mm | Hex Flange Nuts |
| FBM159 | 6 x 1.0mm | Hex Flange Nuts |
| FBM161 | 8 x 1.25mm | Hex Flange Nuts |
| FBM164 | 10 x 1.25mm | Hex Flange Nuts |

BLISTER ASSORTMENTS

| | |
|-------|--------------------|
| CBB2 | 'R' Clips |
| CBB4 | Imperial 'O' Rings |
| CBB5 | Metric 'O' Rings |
| CBB7 | Metric Grub Screws |
| CBB8 | Fibre Washers |
| CBB9 | Circlips |
| CBB10 | 'E' Clips |
| CBB11 | Sump Plugs |
| CBB13 | Shaft Lock Rings |
| CBB14 | Speed Nuts |
| CBB31 | Anti-Theft Screws |



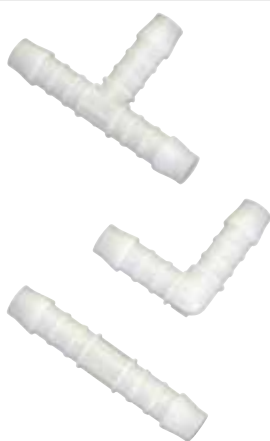
ALUMINIUM RIVETS

| | |
|--------|---------------|
| CBBR1 | 3/32 x 0.290" |
| CBBR2 | 1/8 x 0.290" |
| CBBR3 | 1/8 x 0.400" |
| CBBR4 | 1/8 x 0.500" |
| CBBR5 | 1/8 x 0.650" |
| CBBR6 | 5/32 x 0.290" |
| CBBR7 | 5/32 x 0.450" |
| CBBR8 | 5/32 x 0.500" |
| CBBR9 | 3/16 x 0.350" |
| CBBR10 | 3/16 x 0.490" |
| CBBR11 | 3/16 x 0.570" |
| CBBR12 | 3/16 x 0.650" |



VACUUM CONECTORS

| | |
|-------|----------------------|
| CVC1 | 3mm 'T' Piece |
| CVC2 | 5mm 'T' Piece |
| CVC3 | 6mm 'T' Piece |
| CVC4 | 8mm 'T' Piece |
| CVC5 | 10mm 'T' Piece |
| CVC7 | 5mm 90° Elbows |
| CVC8 | 6mm 90° Elbows |
| CVC9 | 8mm 90° Elbows |
| CVC18 | 5mm Str. Connectors |
| CVC19 | 6mm Str. Connectors |
| CVC20 | 8mm Str. Connectors |
| CVC21 | 10mm Str. Connectors |



VACUUM CONECTORS *Continued*

| | |
|-------|-----------|
| CVC44 | 3mm Caps |
| CVC45 | 4mm Caps |
| CVC46 | 5mm Caps |
| CVC47 | 6mm Caps |
| CVC48 | 8mm Caps |
| CVC49 | 10mm Caps |



TRIM CLIPS

| | |
|------|---------------------------|
| PP02 | Xmas Tree Clips, Beige |
| PP03 | Xmas Tree Clips, Grey |
| PP04 | Xmas Tree Clips, Black |
| PP06 | Canoe Clips, Black |
| PP08 | 6mm Scrivet Clips |
| PP12 | 6G Screw Grommets |
| PP13 | 8G Screw Grommets |
| PP14 | 6G Screw Grommets |
| PP15 | 10G Screw Grommets |
| PP16 | Weather Seal Clips |
| PP30 | Xmas Tree Clips |
| PP31 | Xmas Tree Clips |
| PP32 | Xmas Tree Clips, Grey |
| PP33 | Xmas Tree Clips |
| PP36 | Screw Rivets |
| PP38 | Moulding Clips |
| PP39 | Door Trim Bush |
| PP41 | 10mm Univ. Door Trim Bush |
| PP42 | 13mm Univ. Door Trim Bush |
| PP45 | Hex Nuts 8mm |
| PP47 | Hex Flange Nuts 6mm |
| PP48 | 12G x 3/4 Hex Hd Sem Assm |
| PP49 | 14G x 5/8 Hex Hd Sem Assm |
| PP50 | M6 x 18 Hex Hd Sem Assm |
| PP56 | Xmas Tree Clips |
| PP57 | Xmas Tree Clips |
| PP58 | Xmas Tree Clips |
| PP59 | Xmas Tree Clips |
| PP60 | Xmas Tree Clips |
| PP61 | Xmas Tree Clips |
| PP63 | Xmas Tree Clips |
| PP66 | Plastic Push Rivets |
| PP67 | Scrivet Clips, 6mm Hole |
| PP68 | Scrivet Clips, 8mm Hole |
| PP74 | M6 Short Captive Nuts |
| PP75 | M6 Long Captive Nuts |
| PP76 | M8 Short Captive Nuts |
| PP77 | M8 Long Captive Nuts |
| PP81 | Window Winder Clips |
| PP91 | Door Trim Clips |
| PP92 | Door Trim Clips |
| PP93 | Retainer Clips |



THREAD LOCK

| | |
|-------|--------------------|
| TL262 | Thread Lock - 10ml |
|-------|--------------------|



CSP056M-1 STAINLESS STEEL MERCHANDISER

A carefully selected range of Marine Grade 316/A4 Stainless Steel products, packaged in reusable clam shell with a two price structure. Barcoded for easy identification.

- Self-Tapping Screws
- Spring & Flat Washer
- Split Pins
- Machine Screws & Nuts
- Bolts & Nuts
- Socket Head Cap Screws

Includes:

- 3 x 56 types of Marine Grade 316/A4 Stainless Steel
- Total of 168 Packs
- Merchandiser Dimensions: 440mm x 900mm

Champion
FASTENERS

STAINLESS STEEL

Part No. **CSP056M-1**

MERCHANDISER CONTENTS (56 TYPES)

MARINE GRADE 316/A4 STAINLESS STEEL

| | | |
|-------|------------|---------------------------------|
| CSP02 | 6G x 1/2" | Self-Tapping Screws Countersunk |
| CSP03 | 6G x 3/4" | Self-Tapping Screws Countersunk |
| CSP04 | 6G x 1" | Self-Tapping Screws Countersunk |
| CSP05 | 8G x 3/4" | Self-Tapping Screws Countersunk |
| CSP06 | 8G x 1" | Self-Tapping Screws Countersunk |
| CSP07 | 10G x 3/4" | Self-Tapping Screws Countersunk |
| CSP08 | 10G x 1" | Self-Tapping Screws Countersunk |
| CSP09 | 4G x 5/8" | Self-Tapping Screws Pan x Rec |
| CSP10 | 6G x 1/2" | Self-Tapping Screws Pan x Rec |
| CSP11 | 6G x 3/4" | Self-Tapping Screws Pan x Rec |
| CSP12 | 6G x 1" | Self-Tapping Screws Pan x Rec |
| CSP13 | 8G x 3/8" | Self-Tapping Screws Pan x Rec |
| CSP14 | 8G x 1/2" | Self-Tapping Screws Pan x Rec |
| CSP15 | 8G x 3/4" | Self-Tapping Screws Pan x Rec |
| CSP16 | 8G x 1" | Self-Tapping Screws Pan x Rec |
| CSP17 | 10G x 1/2" | Self-Tapping Screws Pan x Rec |
| CSP18 | 10G x 1" | Self-Tapping Screws Pan x Rec |
| CSP19 | 6 x 25mm | Screws & Nuts Pan x Rec |
| CSP20 | 6 x 50mm | Screws & Nuts Pan x Rec |
| CSP21 | 6 x 25mm | Screws & Nuts Countersunk |
| CSP22 | 6 x 50mm | Screws & Nuts Countersunk |
| CSP23 | 1.6 x 32mm | Split Pins |
| CSP24 | 2.0 x 40mm | Split Pins |
| CSP25 | 2.5 x 40mm | Split Pins |
| CSP26 | 3.2 x 50mm | Split Pins |
| CSP27 | 4mm | Spring Washers |
| CSP28 | 5mm | Spring Washers |
| CSP29 | 6mm | Spring Washers |
| CSP30 | 8mm | Spring Washers |
| CSP31 | 10mm | Spring Washers |
| CSP32 | 4mm | Flat Washers |
| CSP33 | 5mm | Flat Washers |
| CSP34 | 6mm | Flat Washers |
| CSP35 | 8mm | Flat Washers |
| CSP36 | 10mm | Flat Washers |
| CSP37 | 4 x 20mm | Set Screws & Nuts |
| CSP38 | 4 x 35mm | Set Screws & Nuts |
| CSP39 | 5 x 25mm | Set Screws & Nuts |
| CSP40 | 5 x 35mm | Set Screws & Nuts |
| CSP41 | 6 x 16mm | Set Screws & Nuts |
| CSP42 | 6 x 25mm | Set Screws & Nuts |
| CSP43 | 6 x 40mm | Set Screws & Nuts |
| CSP44 | 8 x 25mm | Set Screws & Nuts |
| CSP45 | 8 x 35mm | Set Screws & Nuts |
| CSP46 | 8 x 40mm | Set Screws & Nuts |
| CSP47 | 8 x 50mm | Set Screws & Nuts |
| CSP48 | 10 x 25mm | Set Screws & Nuts |
| CSP49 | 10 x 35mm | Set Screws & Nuts |
| CSP50 | 10 x 50mm | Set Screws & Nuts |
| CSP51 | 5 x 10mm | Socket Head Cap Screws |
| CSP52 | 5 x 25mm | Socket Head Cap Screws |
| CSP53 | 6 x 16mm | Socket Head Cap Screws |
| CSP54 | 6 x 25mm | Socket Head Cap Screws |
| CSP55 | 8 x 16mm | Socket Head Cap Screws |
| CSP56 | 8 x 25mm | Socket Head Cap Screws |
| CSP57 | 10 x 25mm | Socket Head Cap Screws |



CSP056M-2 STAINLESS STEEL MERCHANDISER

A carefully selected range of Marine Grade 316/A4 Stainless Steel products, packaged in reusable clam shell with a three price structure. Barcoded for easy identification.

- Self-Tapping Screws
- Machine Screws & Nuts
- Self-Locking Nuts
- Bolts & Nuts UNC
- Dome Nuts

Includes:

- 3 x 56 types of Marine Grade 316/A4 Stainless Steel
- Total of 168 Packs
- Merchandiser Dimensions: 440mm x 900mm

Champion
FASTENERS

STAINLESS STEEL

Part No. **CSP056M-2**

MERCHANDISER CONTENTS (56 TYPES)

MARINE GRADE 316/A4 STAINLESS STEEL

| | | |
|--------|-------------------|---------------------------------|
| CSP58 | 1/4 x 3/4" UNC | Hex Set Screws |
| CSP59 | 1/4 x 1" UNC | Hex Set Screws |
| CSP60 | 1/4 x 1-1/2" UNC | Hex Set Screws |
| CSP61 | 5/16 x 1" UNC | Hex Set Screws |
| CSP62 | 5/16 x 1-1/2" UNC | Hex Set Screws |
| CSP63 | 3/8 x 1" UNC | Hex Set Screws |
| CSP64 | 3/8 x 1-1/2" UNC | Hex Set Screws |
| CSP65 | 3/16 x 1/2" UNC | Pan Head Screws |
| CSP66 | 3/16 x 3/4" UNC | Pan Head Screws |
| CSP67 | 3/16 x 1" UNC | Pan Head Screws |
| CSP68 | 3/16 x 1-1/4" UNC | Pan Head Screws |
| CSP69 | 3/16 x 1-1/2" UNC | Pan Head Screws |
| CSP70 | 3/16 x 2" UNC | Pan Head Screws |
| CSP71 | 1/4 x 1/2" UNC | Pan Head Screws |
| CSP72 | 1/4 x 3/4" UNC | Pan Head Screws |
| CSP73 | 1/4 x 1" UNC | Pan Head Screws |
| CSP74 | 1/4 x 1-1/4" UNC | Pan Head Screws |
| CSP75 | 1/4 x 1-1/2" UNC | Pan Head Screws |
| CSP76 | 1/4 x 2" UNC | Pan Head Screws |
| CSP77 | 3/16 x 1/2" UNC | Countersunk Screws |
| CSP78 | 3/16 x 1" UNC | Countersunk Screws |
| CSP79 | 3/16 x 1-1/4" UNC | Countersunk Screws |
| CSP80 | 3/16 x 1-1/2" UNC | Countersunk Screws |
| CSP81 | 3/16 x 2" UNC | Countersunk Screws |
| CSP82 | 1/4 x 1/2" UNC | Countersunk Screws |
| CSP83 | 1/4 x 3/4" UNC | Countersunk Screws |
| CSP84 | 1/4 x 1" UNC | Countersunk Screws |
| CSP85 | 1/4 x 1-1/4" UNC | Countersunk Screws |
| CSP86 | 1/4 x 1-1/2" UNC | Countersunk Screws |
| CSP87 | 1/4 x 2" UNC | Countersunk Screws |
| CSP88 | 1/4" UNC | Self-Locking Nuts |
| CSP89 | 5/16" UNC | Self-Locking Nuts |
| CSP90 | 3/8" UNC | Self-Locking Nuts |
| CSP91 | 3/16" UNC | Dome Nuts |
| CSP92 | 1/4" UNC | Dome Nuts |
| CSP93 | 8G x 1-1/4" | Self-Tapping Screws Pan Head |
| CSP94 | 10G x 1-1/4" | Self-Tapping Screws Pan Head |
| CSP95 | 10G x 1-1/2" | Self-Tapping Screws Pan Head |
| CSP96 | 8G x 1/2" | Self-Tapping Screws Countersunk |
| CSP97 | 8G x 1-1/4" | Self-Tapping Screws Countersunk |
| CSP98 | 10G x 1-1/4" | Self-Tapping Screws Countersunk |
| CSP99 | 10G x 1-1/2" | Self-Tapping Screws Countersunk |
| CSP100 | 3/16" UNC | Hex Nuts |
| CSP101 | 1/4" UNC | Hex Nuts |
| CSP102 | 5/16" UNC | Hex Nuts |
| CSP103 | 3/8" UNC | Hex Nuts |
| DN4 | 4mm | Dome Nuts |
| DN5 | 5mm | Dome Nuts |
| DN6 | 6mm | Dome Nuts |
| DN8 | 8mm | Dome Nuts |
| DN10 | 10mm | Dome Nuts |
| SLN4 | 4mm | Self-Locking Nuts |
| SLN5 | 5mm | Self-Locking Nuts |
| SLN6 | 6mm | Self-Locking Nuts |
| SLN8 | 8mm | Self-Locking Nuts |
| SLN10 | 10mm | Self-Locking Nuts |



CHC1

BRASS PACK HOSE CONNECTORS

This wall mounted Brass Fittings merchandiser includes a comprehensive range of Joiners, Barbs and Elbows. Attractively packaged in reusable blisters and barcoded for easy identification.

- Hose Joiners
- 'T' Joiners
- Hose Barbs
- Elbows
- Reducing Bushes
- Sockets

Includes:

- 2 x 49 types of Brass Packs
- Total of 98 Packs
- Merchandiser Dimensions: 400mm x 1100mm (incl. header)

Champion
FASTENERS

BRASS PACK HOSE CONNECTORS

Part No. **CHC1**

MERCHANDISER CONTENTS (49 TYPES)

BRASS FITTINGS

| | | |
|------|-------------|--------------------|
| HC1 | 3/16" | Brass Hose Joiners |
| HC2 | 1/4" | Brass Hose Joiners |
| HC3 | 5/16" | Brass Hose Joiners |
| HC4 | 3/8" | Brass Hose Joiners |
| HC5 | 1/2" | Brass Hose Joiners |
| HC6 | 5/8" | Brass Hose Joiners |
| HC7 | 3/4" | Brass Hose Joiners |
| HC8 | 3/16" | Brass 'T' Joiners |
| HC9 | 1/4" | Brass 'T' Joiners |
| HC10 | 5/16" | Brass 'T' Joiners |
| HC11 | 3/8" | Brass 'T' Fittings |
| HC12 | 1/2" | Brass 'T' Fittings |
| HC13 | 5/8" | Brass 'T' Fittings |
| HC14 | 3/16 x 1/8" | Male Hose Barbs |
| HC15 | 1/4 x 1/8" | Male Hose Barbs |
| HC16 | 5/16 x 1/8" | Male Hose Barbs |
| HC17 | 3/8 x 1/8" | Male Hose Barbs |
| HC18 | 3/16 x 1/4" | Male Hose Barbs |
| HC19 | 1/4 x 1/4" | Male Hose Barbs |
| HC20 | 5/16 x 1/4" | Male Hose Barbs |
| HC21 | 3/8 x 1/4" | Male Hose Barbs |
| HC22 | 1/2 x 1/4" | Male Hose Barbs |
| HC23 | 5/8 x 1/4" | Male Hose Barbs |
| HC24 | 5/16 x 3/8" | Male Hose Barbs |
| HC25 | 3/8 x 3/8" | Male Hose Barbs |
| HC26 | 1/2 x 3/8" | Male Hose Barbs |
| HC27 | 5/8 x 3/8" | Male Hose Barbs |
| HC28 | 3/8 x 1/2" | Male Hose Barbs |
| HC29 | 1/2 x 1/2" | Male Hose Barbs |
| HC30 | 5/8 x 1/2" | Male Hose Barbs |
| HC31 | 3/4 x 1/2" | Male Hose Barbs |
| HC32 | 3/4 x 3/4" | Male Hose Barbs |
| HC33 | 1/4 x 1/8" | 90° Male Elbows |
| HC34 | 5/16 x 1/8" | 90° Male Elbows |
| HC35 | 1/4 x 1/4" | 90° Male Elbows |
| HC36 | 5/16 x 1/4" | 90° Male Elbows |
| HC37 | 3/8 x 1/4" | 90° Male Elbows |
| HC38 | 1/2 x 1/4" | 90° Male Elbows |
| HC39 | 5/8 x 1/4" | 90° Male Elbows |
| HC40 | 5/8 x 3/8" | 90° Male Elbows |
| HC41 | 1/2 x 1/2" | 90° Male Elbows |
| HC42 | 5/8 x 1/2" | 90° Male Elbows |
| HC43 | 1/4 - 1/8" | Hex Reducing Bush |
| HC44 | 3/8 - 1/4" | Hex Reducing Bush |
| HC45 | 1/2 - 1/4" | Hex Reducing Bush |
| HC46 | 1/8" | Hex Sockets |
| HC47 | 1/4" | Hex Sockets |
| HC48 | 1/8" | Female Brass 'T' |
| HC49 | 1/4" | Brass Female 'T' |





CHC2

BRASS PACK HOSE CONNECTORS

This wall mountable selection of Brass Fittings complements the CHC1 and offers an extended range of Joiners, Barbs and Elbows. Packaged in reusable blisters and barcoded for easy identification.

- Hose Joiners
- 'T' Joiners
- Hose Barbs
- Elbows
- Reducing Bushes
- Sockets

Includes:

- 2 x 49 types of Brass Packs
- Total of 98 Packs
- Merchandiser Dimensions: 400mm x 1100mm (incl. header)

Champion
FASTENERS

BRASS PACK HOSE CONNECTORS

Part No. **CHC2**

MERCHANDISER CONTENTS (49 TYPES)

BRASS FITTINGS

| | | |
|------|----------------|------------------|
| HC50 | 1/8" BSP | Hex Taper Plugs |
| HC51 | 1/4" BSP | Hex Taper Plugs |
| HC52 | 3/8" BSP | Hex Taper Plugs |
| HC53 | 1/2" BSP | Hex Taper Plugs |
| HC54 | 1/8" BSP | Hex Nipples |
| HC55 | 1/4" BSP | Hex Nipples |
| HC56 | 3/8" BSP | Hex Nipples |
| HC57 | 1/2" BSP | Hex Nipples |
| HC58 | 1/8" BSP | M&F Elbows |
| HC59 | 1/4" BSP | M&F Elbows |
| HC60 | 3/8 x 1/8" BSP | Reducing Bush |
| HC61 | 1/2 x 1/8" BSP | Reducing Bush |
| HC62 | 1/2 x 3/8" BSP | Reducing Bush |
| HC63 | 3/8" BSP | Hex Sockets |
| HC64 | 1/2" BSP | Hex Sockets |
| HC65 | 1/4 x 1/8" BSP | Reducing Sockets |
| HC66 | 3/8 x 1/8" BSP | Reducing Sockets |
| HC67 | 3/8 x 1/4" BSP | Reducing Sockets |
| HC68 | 1/2 x 1/4" BSP | Reducing Sockets |
| HC69 | 1/2 x 3/8" BSP | Reducing Sockets |
| HC70 | 3/4 x 3/8" BSP | Reducing Bush |
| HC71 | 3/4 x 1/2" BSP | Reducing Bush |
| HC72 | 1/8" BSP | Female Elbows |
| HC73 | 1/4" BSP | Female Elbows |
| HC74 | 3/8" BSP | Female Elbows |
| HC75 | 1/2" BSP | Female Elbows |
| HC76 | 1/4 x 1/8" BSP | M&F Adaptors |
| HC77 | 1/4 x 1/4" BSP | M&F Adaptors |
| HC78 | 3/8 x 1/8" BSP | M&F Adaptors |
| HC79 | 3/8 x 1/4" BSP | M&F Adaptors |
| HC80 | 3/8 x 3/8" BSP | M&F Adaptors |
| HC81 | 1/2 x 1/4" BSP | M&F Adaptors |
| HC82 | 1/2 x 3/8" BSP | M&F Adaptors |
| HC83 | 1/4 x 1/8" BSP | Reducing Nipples |
| HC84 | 3/8 x 1/8" BSP | Reducing Nipples |
| HC85 | 3/8 x 1/4" BSP | Reducing Nipples |
| HC86 | 1/2 x 1/4" BSP | Reducing Nipples |
| HC87 | 1/2 x 3/8" BSP | Reducing Nipples |
| HC88 | 3/4 x 1/2" BSP | Reducing Nipples |
| HC89 | 3/16 x 1/8" | Female Tailpiece |
| HC90 | 1/4 x 1/8" | Female Tailpiece |
| HC91 | 5/16 x 1/8" | Female Tailpiece |
| HC92 | 3/16 x 1/4" | Female Tailpiece |
| HC93 | 1/4 x 1/4" | Female Tailpiece |
| HC94 | 5/16 x 1/4" | Female Tailpiece |
| HC95 | 3/8 x 1/4" | Female Tailpiece |
| HC96 | 1/2 x 1/4" | Female Tailpiece |
| HC97 | 3/8 x 3/8" | Female Tailpiece |
| HC98 | 1/2 x 3/8" | Female Tailpiece |





MTF1

PANEL PACK STAND

This merchandiser features a popular range of specialised Trim Clips, Fasteners and Fittings to service automotive panels and trims. All packaged in reusable clam shells designed to be sold at one price. Barcoded for easy identification.

- Door & Body Trim Clips
- Universal Weather Seal Clips
- Panel Screws & Nuts
- Screw Grommets
- Other Associated Products
- Speed Nuts
- Bonnet Clips
- Moulding Clips
- Headlamp Clips

Includes:

- 3 x 56 types of Trim Clips
- Total of 168 Packs
- Merchandiser Dimensions: 440mm x 960mm (incl. header)

Champion
FASTENERS

PANEL PACK STAND

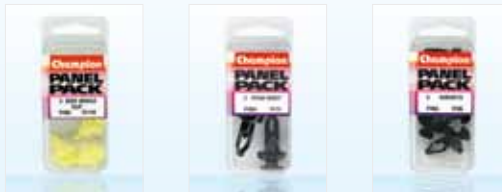
Part No. **MTF1**

MERCHANDISER CONTENTS (56 TYPES)

TRIM CLIPS

| | |
|------|----------------------------------|
| TF1 | Xmas Tree Clips |
| TF2 | Xmas Tree Clips |
| TF3 | Xmas Tree Clips |
| TF4 | Xmas Tree Clips |
| TF5 | Xmas Tree Clips |
| TF6 | Xmas Tree Clips |
| TF7 | Xmas Tree Clips |
| TF8 | Xmas Tree Clips |
| TF9 | Xmas Tree Clips |
| TF10 | Xmas Tree Clips |
| TF11 | Xmas Tree Clips |
| TF12 | Xmas Tree Clips |
| TF13 | Xmas Tree Clips |
| TF14 | Xmas Tree Clips |
| TF15 | Xmas Tree Clips |
| TF16 | Canoe Clips |
| TF17 | Canoe Clips |
| TF18 | Moulding Clips |
| TF19 | Canoe Clips |
| TF20 | Canoe Clips |
| TF21 | Canoe Clips |
| TF22 | Canoe Clips |
| TF23 | Bonnet Insulation Clips |
| TF24 | Anchor Trim Clips |
| TF25 | Retainer Clips |
| TF26 | Plastic Push Rivets |
| TF27 | Scrivet Clips 6mm |
| TF28 | Plastic Push Rivets |
| TF29 | Scrivet Clips 6mm Hole |
| TF30 | Scrivet Clips 8mm Hole |
| TF31 | Screw Rivets |
| TF32 | Splash Guard Clips |
| TF33 | 6G Screw Grommets |
| TF34 | 8G Screw Grommets |
| TF35 | 6G Screw Grommets |
| TF36 | 10G Screw Grommets |
| TF37 | Door Trim Clips |
| TF38 | Door Trim Clips |
| TF39 | 10mm Universal Door Trim Bush |
| TF40 | 13mm Universal Door Trim Bush |
| TF41 | Weather Seal Clips |
| TF42 | Weather Seal Clips |
| TF43 | Universal Moulding Clips |
| TF44 | Commodore Headlight Clips |
| TF45 | Moulding Clips |
| TF46 | Door Trim Bush |
| TF47 | 1/8" Self-Cut Nuts |
| TF48 | 3/16" Self-Cut Nuts |
| TF49 | Window Winder Clips |
| TF50 | M5 Headlamp Captive Nuts |
| TF51 | M6 Short Captive Nuts |
| TF52 | M8 Short Captive Nuts |
| TF53 | 3/8" x 10G Hex Head Sem Assembly |
| TF54 | Hex Head Self-Tapping Screws |
| TF55 | 6 x 25mm Flange Heads |
| TF56 | 6 x 18mm Hex Head Sem Assembly |





MTF2 PANEL PACK STAND

This merchandiser is an increased range of specialised Trim Clips to complement the MTF1 and helps service a larger range of vehicles, including new model vehicles. All packaged in reusable blisters designed to be sold at one price. Barcoded for easy identification.

- Door & Body Trim Clips
- Universal Weather Seal Clips
- Panel Screws & Nuts
- Screw Grommets
- Other Associated Products
- Headlamp Clips
- Speed Nuts
- Bonnet Clips
- Moulding Clips

Includes:

- 3 x 56 types of Trim Clips
- Total of 168 Packs
- Merchandiser Dimensions: 440mm x 960mm (incl. header)

Champion
FASTENERS

PANEL PACK STAND

Part No. **MTF2**

MERCHANDISER CONTENTS (56 TYPES)

TRIM CLIPS

| | |
|-------|------------------|
| TF57 | Push Rivets |
| TF58 | Push Rivets |
| TF59 | Push Rivets |
| TF60 | Push Rivets |
| TF61 | Push Rivets |
| TF62 | Push Rivets |
| TF63 | Push Rivets |
| TF64 | Push Rivets |
| TF65 | Push Rivets |
| TF66 | Push Rivets |
| TF67 | Push Rivets |
| TF68 | Push Rivets |
| TF69 | Push Rivets |
| TF70 | Push Rivets |
| TF71 | Push Rivets |
| TF72 | Push Rivets |
| TF73 | Push Rivets |
| TF74 | Push Rivets |
| TF75 | Push Rivets |
| TF76 | Push Rivets |
| TF77 | Scrivets |
| TF78 | Push Rivets |
| TF79 | Scrivets |
| TF80 | Scrivets |
| TF81 | Push Rivets |
| TF82 | Push Rivets |
| TF83 | Scrivets |
| TF84 | Scrivets |
| TF85 | Scrivets |
| TF86 | Scrivets |
| TF87 | Xmas Tree Clips |
| TF88 | Xmas Tree Clips |
| TF89 | Xmas Tree Clips |
| TF90 | Xmas Tree Clips |
| TF91 | Xmas Tree Clips |
| TF92 | Xmas Tree Clips |
| TF93 | Canoe Clips |
| TF94 | Screw Grommets |
| TF95 | Screw Grommets |
| TF96 | Screw Grommets |
| TF97 | Screw Grommets |
| TF98 | Screw Grommets |
| TF99 | Screw Grommets |
| TF100 | Screw Grommets |
| TF101 | Screw Grommets |
| TF102 | Door Trim Clips |
| TF103 | Door Trim Clips |
| TF104 | Door Trim Clips |
| TF105 | Trim Anchors |
| TF106 | Grill Clips |
| TF107 | Grill Clips |
| TF108 | Body Mould Clips |
| TF109 | Body Mould Clips |
| TF110 | Body Mould Clips |
| TF111 | Body Mould Clips |
| TF112 | Speed Clips |





CSPM1 SCREW PACK MERCHANDISER

This new range of Hardware Screws are ideally suited for use on chipboard, plasterboard and cement sheets.

- Chipboard Screws
- Bugle Head (Fine/Coarse)
- Button Head
- Cement Sheet
- Self-Drilling
- Raised Head Phillips
- Pan x Machine
- Mushroom Head

Includes:

- 3 x 56 types of Screw Packs
- Total of 168 Packs
- Merchandiser Dimensions: 440mm x 960mm (incl. header)

Champion
FASTENERS

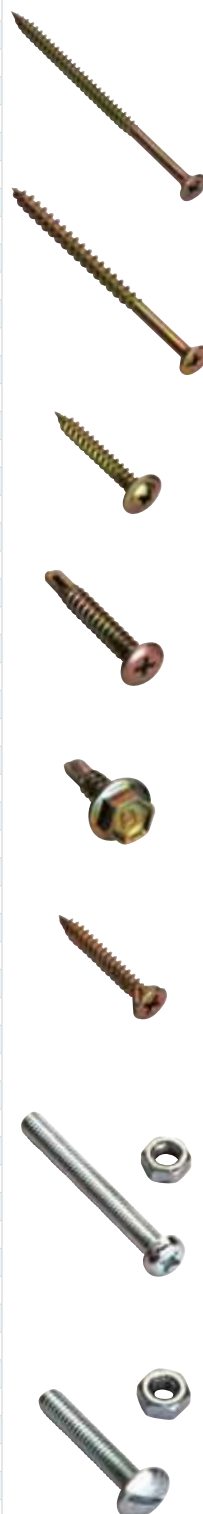
SCREW PACKS

Part No. **CSPM1**

MERCHANDISER CONTENTS (56 TYPES)

SCREW PACKS

| | | |
|------|---------------|----------------------|
| SP01 | 8G x 20G | Chipboard Screws |
| SP02 | 8G x 25G | Chipboard Screws |
| SP03 | 8G x 32G | Chipboard Screws |
| SP04 | 8G x 40G | Chipboard Screws |
| SP05 | 8G x 50G | Chipboard Screws |
| SP06 | 8G x 57G | Chipboard Screws |
| SP07 | 8G x 65G | Chipboard Screws |
| SP08 | 10G x 75G | Chipboard Screws |
| SP09 | 6G x 20G | Bugle Head Fine |
| SP10 | 6G x 25G | Bugle Head Fine |
| SP11 | 6G x 32G | Bugle Head Fine |
| SP12 | 7G x 30G | Bugle Head Fine |
| SP13 | 7G x 40G | Bugle Head Fine |
| SP14 | 7G x 50G | Bugle Head Fine |
| SP15 | 8G x 65G | Bugle Head Fine |
| SP16 | 8G x 75G | Bugle Head Fine |
| SP17 | 7G x 25G | Bugle Head Coarse |
| SP18 | 7G x 30G | Bugle Head Coarse |
| SP19 | 7G x 40G | Bugle Head Coarse |
| SP20 | 8G x 20G | Button Head |
| SP21 | 8G x 25G | Button Head |
| SP22 | 8G x 32G | Button Head |
| SP23 | 8G x 20G | Cement Sheet |
| SP24 | 8G x 30G | Cement Sheet |
| SP25 | 8G x 12G | Self-Drilling |
| SP26 | 8G x 16G | Self-Drilling |
| SP27 | 8G x 20G | Self-Drilling |
| SP28 | 8G x 25G | Self-Drilling |
| SP29 | 10G x 16G | Self-Drilling |
| SP30 | 10G x 22G | Self-Drilling |
| SP31 | 10G x 30G | Self-Drilling |
| SP32 | 10G x 16G | Self-Drilling Hex |
| SP33 | 6G x 1/2" | Raised Head Phillips |
| SP34 | 6G x 3/4" | Raised Head Phillips |
| SP35 | 6G x 1" | Raised Head Phillips |
| SP36 | 8G x 3/4" | Raised Head Phillips |
| SP37 | 8G x 1" | Raised Head Phillips |
| SP38 | 8G x 1-1/2" | Raised Head Phillips |
| SP39 | 10G x 3/4" | Raised Head Phillips |
| SP40 | 10G x 1" | Raised Head Phillips |
| SP41 | 4 x 16mm | Pan x Machine |
| SP42 | 4 x 25mm | Pan x Machine |
| SP43 | 5 x 16mm | Pan x Machine |
| SP44 | 5 x 25mm | Pan x Machine |
| SP45 | 6 x 16mm | Pan x Machine |
| SP46 | 6 x 20mm | Pan x Machine |
| SP47 | 6 x 25mm | Pan x Machine |
| SP48 | 6 x 50mm | Pan x Machine |
| SP49 | 3/16 x 1/2" | Mushroom Head |
| SP50 | 3/16 x 3/4" | Mushroom Head |
| SP51 | 3/16 x 1" | Mushroom Head |
| SP52 | 3/16 x 1-1/2" | Mushroom Head |
| SP53 | 1/4 x 3/4" | Mushroom Head |
| SP54 | 1/4 x 1" | Mushroom Head |
| SP55 | 1/4 x 1-1/4" | Mushroom Head |
| SP56 | 1/4 x 1-1/2" | Mushroom Head |





CRTPM1 CRIMP TERMINALS

This selection of crimp terminals is made of the most popular, fast moving terminals, to cover a wide demographic of customers. This wall merchandiser is suitable for automotive, hardware and industrial applications.

- Spade Terminals M&F
- Blade Terminals M&F
- Bullet in M&F Joiners
- 2 Way Piggy Back M&F
- Eye M&F

Includes:

- 5 x 49 types of Terminal Packs
- Total of 245 Packs
- Merchandiser Dimensions: 1150mm x 385mm (incl. header)



CRIMP TERMINALS

Part No. **CRTPM1**

MERCHANDISER CONTENTS (49 TYPES)

CRIMP TERMINALS

| | |
|---------|-------------------------------------------|
| KSB-6 | Blue Wire Tap Connectors |
| KSR-6 | Red Wire Tap Connectors |
| R13-4 | 4mm Red Ring Terminals |
| R13-5 | 5mm Red Ring Terminals |
| R13-6 | 6mm Red Ring Terminals |
| R1320FB | Non Insulated Blade Terminals Female |
| R1320MB | Non Insulated Blade Terminals Male |
| R13Y-4 | 4mm Red Spade Terminals |
| R200F | Red Bullet Terminals Female |
| R200M | Red Bullet Terminals Male |
| R201F | Blue Bullet Terminals Female |
| R201M | Blue Bullet Terminals Male |
| R202F | Yellow Bullet Terminals Female |
| R202M | Yellow Bullet Terminals Male |
| R22-5 | 3/16" Blue Ring Terminals |
| R22Y-4 | Blue Spade Terminals |
| R23-10 | 10mm Blue Ring Terminals |
| R23-6 | 15/64" Blue Ring Terminals |
| R23-8 | 5/16" Blue Ring Terminals |
| R309F | Red Blade Terminals Female |
| R309M | Red Blade Terminals Male |
| R309WF | Red Fully Insulated Blade Term. M/F |
| R309WM | Red Blade Terminals Male |
| R320F | Blue Blade Terminals Female |
| R320M | Blue Blade Terminals Male |
| R320WF | Blue Fully Insulated Blade Terminals |
| R320WM | Blue Fully Insulated Blade Terminals |
| R355F | Yellow Blade Terminals Female |
| R355M | Yellow Blade Terminals Male |
| R355WF | Yellow Full. Insul. Blade Terminal Female |
| R383FM | Red 2-Way Blade Terminals M/F |
| R384FM | Blue 2-Way Blade Terminals M/F |
| R385F | Blue Blade Terminals Female |
| R386F | 10mm Yellow Blade Terminals Female |
| R509F | Red Speaker Blade Terminals M/F |
| R509M | Red Speaker Blade Terminals Male |
| R52-4 | 4mm Yellow Ring Terminals |
| R52-5 | 5mm Yellow Ring Terminals |
| R520F | Red Spade Terminals Female |
| R520M | 4.8mm Red Blade Terminals Male |
| R520WF | 5mm Red Blade Terminals Female |
| R52Y-5 | Yellow Spade Terminals |
| R53-6 | 6mm Yellow Ring Terminals |
| R53-8 | 8mm Yellow Ring Terminals |
| R55-10 | 10mm Yellow Ring Terminals |
| R55-13 | 13mm Yellow Ring Terminals |
| RTG-1 | Red Cable Connectors |
| RTG-2 | Blue Cable Connectors |
| RTG-3 | Yellow Cable Connectors |





HP049 HANDY PACK WALL MERCHANDISER

This wall merchandiser has a range of popular Handy Packs suitable for any industry including automotive, hardware and industrial or fastener outlets.

- Self-Tapping Screws
- Split Pins
- Flat Steel Washers
- Trim Clips
- Other Associated Products
- Speed Nuts
- Aluminium Rivets
- Body Washers
- Wiring Grommets

Includes:

- 5 x 49 types of Trim Clips
- Total of 245 Packs
- Merchandiser Dimensions: 400mm x 1100mm (incl. header)

Champion
FASTENERS

HANDY PACKS

Part No. **HP049**

MERCHANDISER CONTENTS (49 TYPES)

HANDY PACKS

| | | |
|-------|------------------------|----------------------------------|
| BH004 | 5/16 x 17/32" | Rubber Wiring Grommets |
| BH006 | 3/8 x 5/8" | Rubber Wiring Grommets |
| BH017 | 5/16" | Rubber Blanking Grommets |
| BH019 | 1/2" | Rubber Blanking Grommets |
| BH090 | 3/16 x 1/2" | Roof Bolts & Nuts |
| BH091 | 3/16 x 3/4" | Roof Bolts & Nuts |
| BH093 | 3/16 x 1-1/2" | Roof Bolts & Nuts |
| BH094 | 1/4 x 3/4" | Roof Bolts & Nuts |
| BH097 | 8G x 31/32 x 7/16" | Speed Nuts |
| BH099 | 6G x 21/32 x 7/16" | Speed Nuts |
| BH103 | 3/16 x 5/8 x 3/8" | Speed Nuts |
| BH121 | 8G x 1" | Self-Tapping Screws Pan Head |
| BH125 | 14G x 3/4" | Self-Tapping Screws Pan Head |
| BH151 | 6G x 3/8" | Self-Tapping Screws Pan Head |
| BH152 | 8G x 1/2" | Self-Tapping Screws Pan Head |
| BH153 | 10G x 1/2" | Self-Tapping Screws Pan Head |
| BH166 | 12G x 1" | Self-Tapping Screws Pan Head |
| BH170 | 3/16" | Flat Steel Washers |
| BH171 | 1/4" | Flat Steel Washers |
| BH172 | 5/16" | Flat Steel Washers |
| BH173 | 3/8" | Flat Steel Washers |
| BH178 | 1.6 x 22mm | Split Pins |
| BH180 | 2 x 36mm | Split Pins |
| BH182 | 2.5 x 32mm | Split Pins |
| BH184 | 7/64 x 1-1/4" | Split Pins |
| BH186 | 3.2 x 50mm | Split Pins |
| BH187 | 9/64 x 2" | Split Pins |
| BH188 | 4 x 50mm | Split Pins |
| BH226 | 1/4 x 1-1/4" | Panel (body) Washers |
| BH227 | 5/16 x 1-1/4" | Panel (body) Washers |
| BH228 | 3/8 x 1-1/4" | Panel (body) Washers |
| BH328 | 1/4" | Spring Washers |
| BH329 | 5/16" | Spring Washers |
| BH330 | 3/8" | Spring Washers |
| BH425 | 8.2 to 8.4mm Hole Size | Canoe Black Trim Clips |
| BH426 | 6.6 to 7.8mm Hole Size | Canoe Brown Trim Clips |
| BH437 | 6.6 to 7.5mm Hole Size | Xmas Tree Clip, Black Trim Clips |
| BH620 | 4 x 10mm | Metric Machine Screws |
| BH621 | 5 x 16mm | Metric Machine Screws |
| BH624 | 6 x 20mm | Metric Machine Screws |
| BH721 | 1/8" Medium | Aluminium Rivets |
| BH724 | 5/32" Medium | Aluminium Rivets |
| BH727 | 3/16" Medium | Aluminium Rivets |
| BH732 | 6G x 3/4" | Self-Tapping Screws Black Zinc |
| BH733 | 6G x 1" | Self-Tapping Screws Black Zinc |
| BH734 | 8G x 3/8" | Self-Tapping Screws Black Zinc |
| BH735 | 8G x 5/8" | Self-Tapping Screws Black Zinc |
| BH736 | 8G x 3/4" | Self-Tapping Screws Black Zinc |
| BH737 | 8G x 1" | Self-Tapping Screws Black Zinc |



AFB32 AIR-LINE FITTINGS

A popular range of 31 Air Fittings that interchange with Nitto, Ryco or Jamec and comprises of 1/4" to 1/2" sizes. Male and Female Couplings complete with matching Barb and Threaded Nipples, Adaptors, 2 Way Manifolds and In-Line Regulators.

- Nitto Interchange
- Ryco Interchange
- Jamec Interchange
- Universal

Includes:

- 3 x 31 types of Air-Line Fittings
- Total of 93 Packs (plus 2 In-Line Pressure Regulators)
- Merchandiser Dimensions: 400mm x 1100mm (incl. header)

Champion
FASTENERS

AIR-LINE FITTINGS

Part No. **AFB32**

MERCHANDISER CONTENTS (31 TYPES)

NITTO INTERCHANGE

| | |
|--------|-------------------------|
| B420MC | 1/4" Male Coupling |
| B420FC | 1/4" Female Coupling |
| B430HC | 3/8" Hose Barb Coupling |
| B420MN | 1/4" Male Nipple |
| B420FN | 1/4" Female Nipple |
| B425H | 5/16" Hose Barb Nipple |
| B430H | 3/8" Hose Barb Nipple |
| B440H | 1/2" Hose Barb Nipple |



RYCO INTERCHANGE

| | |
|------|-------------------------|
| B200 | 1/4" Female Coupling |
| B201 | 1/4" Male Coupling |
| B241 | 3/8" Hose Barb Coupling |
| B202 | 1/4" Male Nipple |
| B203 | 1/4" Female Nipple |
| B206 | 5/16" Hose Barb Nipple |
| B208 | 3/8" Hose Barb Nipple |



JAMEC INTERCHANGE

| | |
|-------|-------------------------|
| B310M | 1/4" Male Coupling |
| B310F | 1/4" Female Coupling |
| B310T | 3/8" Hose Barb Coupling |
| B31M | 1/4" Male Nipple |
| B31F | 1/4" Female Nipple |
| B315B | 5/16" Hose Barb Nipple |
| B316B | 3/8" Hose Barb Nipple |



UNIVERSAL

| | |
|--------|---------------------------------|
| B207B | 1/4" Male x 1/4" Hose Barb |
| B208B | 1/4" Male x 5/16" Hose Barb |
| B209B | 1/4" Male x 3/8" Hose Barb |
| B238 | 1/4" Female x 3/8" Hose Barb |
| B2403 | 3/8" Male X 1/4" Female Reducer |
| B2702 | 1/4" x 1/4" Male Adaptor |
| B3502 | 1/4" 3-Way Female 'T' Joiner |
| BMP2 | 1/4" 2-Way Manifold |
| BTC4 | 1/4" Female Tyre Chuck |
| BREG02 | 1/4" Inline Regulator |





CTRM25 THREAD COIL INSERTS

A range of Metric, UNF and UNC Thread Coil Inserts are included in this wall mounted Merchandiser. Packs include coils of various lengths of commonly used sizes.

- High Quality Stainless Steel
- Interchangeable with other brands

Includes:

- 3 x 25 types of Thread Coil Inserts
- Total of 75 Packs
- Merchandiser Dimensions: 390mm x 690mm (incl. header)

Champion
FASTENERS

THREAD COIL INSERTS

Part No. **CTRM25**

*High Quality
Stainless Steel*



MERCHANDISER CONTENTS (25 TYPES)

THREAD COIL INSERTS

| | |
|-------------|-------------------|
| CTRM587 | M5 x 0.8 x 7mm |
| CTRM603 | M6 x 1.00 x 3mm |
| CTRM606 | M6 x 1.00 x 6mm |
| CTRM609 | M6 x 1.00 x 9mm |
| CTRM805 | M8 x 1.25 x 5mm |
| CTRM808 | M8 x 1.25 x 8mm |
| CTRM812 | M8 x 1.25 x 12mm |
| CTRM101507 | M10 x 1.50 x 7mm |
| CTRM1015010 | M10 x 1.50 x 10mm |
| CTRM1015015 | M10 x 1.50 x 15mm |
| CTRM101257 | M10 x 1.25 x 7mm |
| CTRM1012510 | M10 x 1.25 x 10mm |
| CTRM1012515 | M10 x 1.25 x 15mm |
| CTRM121755 | M12 x 1.75 x 5mm |
| CTRM121758 | M12 x 1.75 x 8mm |
| CTRM1217511 | M12 x 1.75 x 11mm |
| CTRC44 | 1/4 UNC x 4mm |
| CTRC46 | 1/4 UNC x 6mm |
| CTRC48 | 1/4 UNC x 8mm |
| CTRC55 | 5/16 UNC x 5mm |
| CTRC59 | 5/16 UNC x 9mm |
| CTRC512 | 5/16 UNC x 12mm |
| CTRC67 | 3/8 UNC x 7mm |
| CTRC611 | 3/8 UNC x 11mm |
| CTRC616 | 3/8 UNC x 16mm |



THREAD REPAIR KITS

CTRMET-5 METRIC THREAD REPAIR SET

- Inserts suitable for all applications • Made from high quality Stainless Steel • Interchangeable with other brands
- Thread Coil Insert packs on previous page double as refills for these assortments



Assortment Includes:

Tap
Drill
Installation Tool
Thread Inserts
Break-Off Tool

Insert Sizes:

M5 x 0.8
M6 x 1.00
M8 x 1.25
M10 x 1.50
M12 x 1.75

Thread Coil Insert packs on previous page double as refills for these assortments

THREAD INSERT REPAIR KIT Includes: Tap, Drill Bit, Installation Tool, Break-off Tool and Thread Inserts. 12 Pieces (varying lengths)



*12 Piece Kit
available in
Imperial & Metric*

Thread Coil Insert packs on previous page double as refills for these assortments

STAINLESS STEEL IMPERIAL

| PART No. | SIZE |
|----------|-----------|
| CTRK3NC | 3/16" UNC |
| CTRK4NC | 1/4" UNC |
| CTRK5NC | 5/16" UNC |
| CTRK6NC | 3/8" UNC |
| CTRK3NF | 3/16" UNF |
| CTRK4NF | 1/4" UNF |
| CTRK5NF | 5/16" UNF |
| CTRK6NF | 3/8" UNF |

STAINLESS STEEL METRIC

| PART No. | SIZE |
|-----------|---------------|
| CTRK508 | 5mm x 0.8mm |
| CTRK6100 | 6mm x 1.00mm |
| CTRK8125 | 8mm x 1.25mm |
| CTRK10150 | 10mm x 1.50mm |
| CTRK10125 | 10mm x 1.25mm |



DRAIN (SUMP) PLUGS

Part No. **CDP1**

A popular selection of Steel Drain (Sump) Plugs, complemented by a range of the most popular Seals and Washers. Packaged in reusable clamshells. Merchandiser is wall mounted.

Includes:

- 3 x 12 types of Drain (Sump) Plugs
- Total of 36 Packs
- Merchandiser Dimensions: 500H x 200W x 120D mm (incl. header)

CDP1 DRAIN (SUMP) PLUGS

MERCHANDISER CONTENTS (12 TYPES)

| | | |
|-------|---------|---------------------------------|
| CDP02 | No.1 | 1/2" UNF Plug |
| CDP03 | No.10/S | 1/2+ .028" Plug |
| CDP04 | No.3 | 5/8" UNF Plug |
| CDP05 | No.16 | 3/8" BSPP Plug |
| CDP06 | No.12 | M12 x 1.5 Plug |
| CDP07 | No.12F | M12 x 1.25 Plug |
| CDP08 | No.14 | M14 x 1.5 Plug |
| CDP09 | No.18 | M18 x 1.5 Plug |
| CDP10 | No.25 | M25 x 1.5 Plug |
| CDP11 | | Copper Washers to suit Plugs |
| CDP12 | | Aluminium Washers to suit Plugs |
| CDP13 | | Fibre Washers to suit Plugs |



LINKAGE BALL JOINTS

Part No. **CL1**

A popular selection of steel, threaded Ball Joints. This range of linkages has been carefully selected to cover automotive and agricultural applications. All linkages are zinc plated for corrosion resistance. Merchandiser is wall mounted.

Includes:

- 3 x 12 types of Ball Joints
- Total of 36 Packs
- Merchandiser Dimensions: 500H x 200W x 120D mm (incl. header)

CL1 LINKAGE BALL JOINTS

MERCHANDISER CONTENTS (12 TYPES)

| | |
|------|-------------------------------------|
| CL02 | 3/16" UNF (5mm) 90° Ball Joint Link |
| CL03 | 1/4" UNF 90° Ball Joint Link |
| CL04 | 5/16" UNF 90° Ball Joint Link |
| CL05 | 3/8" UNF 90° Ball Joint Link |
| CL06 | 3/16" (5mm) UNF Spring Loaded Link |
| CL07 | 1/4" UNF Spring Loaded Link |
| CL08 | 5/16" UNF 90° Spring Loaded Link |
| CL09 | 1/4" UNC 90° Light Weight Link |
| CL10 | 1/4" UNF 90° Light Weight Link |
| CL11 | 1/4" UNC In-Line Ball Joint Link |
| CL12 | 1/4" UNF In-Line Ball Joint Link |
| CL13 | 5/16" UNF Damper Control Link |





CBBM75 BLISTER ASSORTMENTS

A popular selection of top quality specialist products conveniently packaged in reusable blisters. Merchandiser is wall mounted.

Includes:

- 3 x 25 types of Assortment Packs
- Total of 75 Packs
- Merchandiser Dimensions: 400mm x 700mm (incl. header)



Self-Tapping Thread Inserts with Internal and External Threads
Merchandiser Dimensions: 350mm x 450mm (incl. header)

Champion
FASTENERS

BLISTER ASSORTMENTS

Part No. **CBBM75**

MERCHANDISER CONTENTS (25 TYPES)

ASSORTMENT PACKS

| | | |
|-------|--------------------|--------------------------------------|
| CBB1 | Clevis Pins | 6 Sizes: 1/4" to 3/8" O.D. |
| CBB2 | 'R' Clips | 5 Sizes: 3/16" to 7/16" Shaft Dia. |
| CBB3 | Roll Pins | 7 Sizes: 2mm to 5mm O.D. |
| CBB4 | 'O' Rings | 11 Sizes: 3/16" to 1" I.D. |
| CBB5 | 'O' Rings | 11 Sizes: 5mm to 25mm I.D. |
| CBB7 | Grub Screws | 6 Sizes: 5mm to 8mm Dia. |
| CBB8 | Fibre Washers | 5 Sizes: Suits Most Applications |
| CBB9 | Circlips | 14 Sizes: 1/2" to 1" (Ext. / Int.) |
| CBB10 | 'E' Clips | 9 Sizes: Suits 1/8" to 5/8" Shaft |
| CBB11 | Drain (Sump) Plugs | Washers Assorted Types |
| CBB12 | Blade Fuses | 8 Types: 3 to 30 Amp. |
| CBB13 | Shaft Rings | Suits Shafts: 4mm to 12mm |
| CBB14 | Screws | Suits Shafts: 6G to 10G |
| CBB15 | Terminals | Male/Female & Joiner Crimp Terminals |
| CBB16 | Grease Nipples | Metric 6mm |
| CBB17 | Grease Nipples | Imperial 1/4" UNF |
| CBB18 | Mini Blade Fuses | 8 Types: 3 to 30 Amp. |
| CBB19 | Glass Fuses | 7 Types: 3 to 20 Amp. |
| CBB20 | Wiring Grommets | 8 Sizes: 1/8" to 7/16" Hole Size |
| CBB21 | Blanking Grommets | 8 Sizes: 5/16" to 1-1/8" Panel Hole |
| CBB23 | Split Pins | 5 Sizes: 1.6mm to 3.2mm Dia. |
| CBB24 | Spring Washers | 4 Sizes: 3/16" to 3/8" |
| CBB27 | Screw Grommets | 3 Sizes: 6G to 10G |
| CBB28 | Clips | Canoe Xmas Tree Clips |
| CBB31 | Screws | Anti-Theft Screws |

Champion
FASTENERS

THREAD INSERTS

Part No. **CTM36**

CTM36 THREAD INSERTS

MERCHANDISER CONTENTS (12 TYPES x 3 PACKS OF EACH)

| | | | | |
|---------|-------|-------------------|-------------------------------------------------------------------------------------------------------|-------------------|
| CTI-05 | 2 qty | 5mm | <i>Additional packs also available:</i> | |
| CTI-06 | 2 | 6mm | | |
| CTI-08 | 2 | 8mm | CTI-10125 | 1 qty 10 x 1.25mm |
| CTI-10 | 2 | 10mm | CTI-12125 | 1 12 x 1.25mm |
| CTI-140 | 1 | 14 x 1.25mm Short | CTI-12150 | 1 12 x 1.50mm |
| CTI-141 | 1 | 14 x 1.25mm Long | CTI-12 | 1 12mm |
| CTI-625 | 2 | 1/4" UNC | CTI-644 | 1 7/16" UNC |
| CTI-631 | 2 | 5/16" UNC | CTI-744 | 1 7/16" UNF |
| CTI-637 | 2 | 3/8" UNC | Thread inserts are used to repair damaged or stripped threads, and may be used to create new threads. | |
| CTI-725 | 2 | 1/4" UNF | | |
| CTI-731 | 2 | 5/16" UNF | | |
| CTI-737 | 2 | 3/8" UNF | | |

CLAMSHELL BLISTER ASSORTMENTS

A popular selection of top quality specialist products conveniently packaged in reusable clamshells. Ideal for the home, workshop or industrial application.



CBB1 CLEVIS PINS

- 6 Sizes: Imperial
- 1/4" to 3/8" O.D.
- 6 Pieces



CBB2 'R' CLIPS

- 5 Sizes: Imperial
- 3/16" to 7/16" Shaft Dia.
- 8 Pieces



CBB3 ROLL PINS

- 7 Sizes: Metric
- 2mm to 5mm O.D.
- 14 Pieces



CBB4 'O' RINGS

- 11 Sizes: Imperial
- 3/16" to 1" I.D.
- 22 Pieces



CBB5 'O' RINGS

- 11 Sizes: Metric
- 5mm to 25mm I.D.
- 22 Pieces



CBB6 GRUB SCREWS

- 8 Sizes: Imperial
- 3/16" to 3/8" Dia. UNC
- 16 Pieces



CBB7 GRUB SCREWS

- 6 Sizes: Metric
- 5mm to 8mm Dia.
- 12 Pieces



CBB8 SUMP PLUG WASHERS

- Fibre
- 5 Sizes: Suits most applications
- 10 Pieces



CBB9 CIRCLIPS

- 14 Sizes: Imperial
- 1/4" to 1" Ext. • 1/2" to 1" Int.
- 19 Pieces



CBB10 'E' CLIPS

- 9 Sizes: Imperial
- Suits 1/8" to 5/8" Shafts
- 16 Pieces



CBB11 SUMP PLUG WASHERS

- Copper/Aluminium
- 6 Sizes: Suits most applications
- 9 Pieces



CBB12 BLADE FUSES

- AF Type
- 8 Sizes: 3 Amp. to 30 Amp.
- 8 Pieces



CBB13 SHAFT RINGS

- Metric
- Suits Shafts: 4mm to 12mm
- 12 Pieces



CBB14 SPEED NUTS

- Imperial
- Suits Shafts: 6G to 10G Screws
- 14 Pieces



CBB15 CRIMP TERMINALS

- Male/Female & Joiner
- 12 Pieces



CBB16 GREASE NIPPLES

- 11 Sizes: Imperial
- 3/16" I.D.
- 6 Pieces



CBB17 GREASE NIPPLES

- 11 Sizes: Imperial
- 3/16" I.D.
- 4 Pieces



CBB18 MINI BLADE FUSES

- AF Type
- 8 Sizes: 3 Amp. to 30 Amp.
- 8 Pieces



CBB19 GLASS FUSES

- 7 Sizes: 3 Amp. to 30 Amp.
- 7 Pieces



CBB20 WIRING GROMMETS

- 8 Sizes: Imperial
- Hole Size: 1/8" to 7/16"
- 8 Pieces



CBB21 BLANKING GROMMETS

- 8 Sizes: Imperial
- Panel Hole Size: 5/16" to 1-1/8"
- 8 Pieces



CBB22 EXTENSION SPRINGS

- 4 Sizes: Imperial
- Lengths to 2"
- 8 Pieces



CBB23 SPLIT PINS

- 5 Sizes: Metric
- 1.6mm to 3.2mm Dia.
- 25 Pieces



CBB24 SPRING WASHERS

- 4 Sizes: Imperial
- 3/16" to 3/8"
- 20 Pieces



CBB25 STAR WASHERS

- 8 Sizes: Imperial
- 3/16" to 3/8" Int. & Ext.
- 16 Pieces



CBB26 BLK S/TAPPING SCREWS

- Black Self-Tapping Screws
- 6 Sizes: 6G to 8G. Lengths to 1"
- 12 Pieces



CBB27 SCREW GROMMETS

- 3 Sizes: 6G to 10G
- 6 Pieces



CBB28 TRIM CLIPS

- Canoe / Xmas Tree Clips
- 4 Pieces



CBB31 ANTI-THEFT SCREWS

- Anti-Theft Number Plate Screws
- Suits most vehicles
- 30 Pieces

Anti-Theft, Number Plate Screws

This pack is designed to suit most vehicle applications to stop number plate theft.

Each pack contains one size of Self-Tapping Screws and one size of Machine Screws, complete with Nuts.

THREAD LOCK MERCHANDISER

TL262-15 **THREAD LOCK MERCHANDISER** Includes 1 x Hanger and 15 x Thread Lock Blisters

- This display hanger allows use of the Bolt and Nut Stand to offer the Champion Thread Lock to potential customers without taking up valuable wall space.
- Simply attaches to existing stand
- For automotive and industrial applications
- Nuts and bolts may be removed after curing
- Stops threaded fasteners from loosening through vibration
- Helps prevent corrosion
- High viscosity and high strength
- Oil resistant
- Cures in the absence of air

Merchandise dimensions:
1100H x 125W x 60D (mm)

Holds a total of 25 blisters
5 blisters per peg



CSS1 **SHIM MERCHANDISER**

- Contains: 3 rolls x CA31 Shim Brass and 3 rolls x CA33 Shim Steel
- Size Range: .002, .003, .006, .010
- Length Range: 600mm x 900mm
- Merchandise Dimensions: 400H x 250W (mm) incl. header



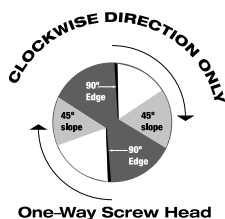
DPM1 **DRAIN PLUG MERCHANDISER**

- Full selection of Imperial and Metric Drain Plugs
- Easy identification of plug sizes
- DP1 x 8, DP10S x 16, DP3 x 7, DP12 x 8, DP12F x 8, DP14 x 7, DP16 x 7, DP18 x 4, DP25 x 3.

ANTI-THEFT NUMBER PLATE SCREWS

CBB31-12 ANTI-THEFT NUMBER PLATE SCREWS *Counter Display*

- High profile, self-explanatory display is provided
- As fuel prices climb, so does number plate theft
- One-way screws
- Secures safety signs
- Suits most vehicles
- Also suitable for caravans, trailers, motorcycles, trucks and more.
- Counter display contains a total of 12 blister packs

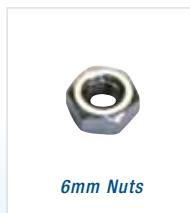
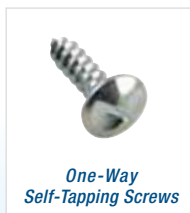


HELPS PREVENT FUEL THEFT

CBB31 ANTI-THEFT NUMBER PLATE SCREWS *Blister Pack*

Each blister pack contains:

- 10 x One-Way Machine Screws
- 10 x 6mm Nuts
- 10 x One-Way Self-Tapping Screws



CA214 STAINLESS FASTENER KIT GRADE 304 & 316

- 52 sizes, 210 pieces
- Machine Screws and Nuts: Pan, Countersunk and Phillips Head.
- Self-Tapping Screws: Pan, Countersunk and Phillips Head.
- Hex Head Set Screws and Nuts. Metric ISO.
- Nuts Hex, Standard and Self-Locking. Imperial and Metric.
- Split Pins
- Washers: Flat, Spring and Panel

MISCELLANEOUS PRODUCTS

UNIVERSAL GREASE GUN HOSE *High pressure, flexible, suitable for use with most grease guns*

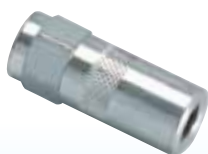


Part No. R4100X 12" – 254mm O/A Length

Part No. R4101X 18" – 457mm O/A Length

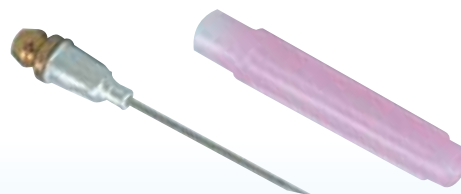
Part No. R4201X 24" – 610mm O/A Length

KH100 HYDRAULIC GREASE GUN COUPLER



- 1/8" BSP Thread (as widely used throughout Australia)
- Strong positive grip on all grease nipples

05-037 GREASE INJECTOR NEEDLE



- Connects directly to any grease gun connector
- Lubricates into very tight places (ie: universal joints, sealed bearings)
- 40mm long stainless steel needle
- Suitable for use with handy guns only

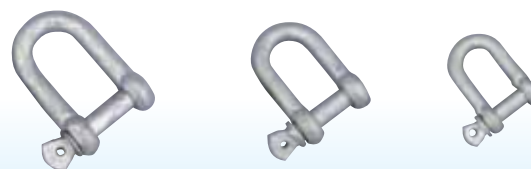
VALVE GRINDERS



| | | |
|---------------|------------------------------------------------|-----------------------|
| CVG12 | 25 pack | 3/4" Cup and Handle |
| CVG13 | 25 pack | 1" Cup and Handle |
| CVG14 | 10 pack | 1-1/2" Cup and Handle |
| CVG12A | 25 pack | 3/4" Cups Only |
| CVG13A | 25 pack | 1" Cups Only |
| CVG14A | 10 pack | 1-1/2" Cups Only |
| CVG21 | Combination Set: 1 Cup of each size & 1 Handle | |

'D' SHACKLES GALVANISED

| | |
|--------------|-----------------------|
| DSG6 | 6mm 'D' Shackle GALV |
| DSG8 | 8mm 'D' Shackle GALV |
| DSG10 | 10mm 'D' Shackle GALV |
| DSG12 | 12mm 'D' Shackle GALV |



BOW SHACKLES GALVANISED

| | |
|--------------|-------------------------|
| BSG8 | 8mm Shackle - BOW GALV |
| BSG12 | 12mm Shackle - BOW GALV |



MISCELLANEOUS PRODUCTS

H2033-2 NUT RIVET GUN

*Suits M5, M6, M8
and M10 Nut Inserts*



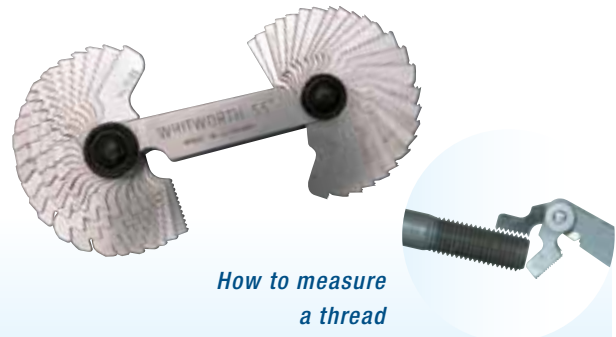
- For professional use in construction and industrial applications
- Two hand grip gives large riveting capacity
- Draw-rod with compound action for quick loading and unloading
- Supplied in carry case

RT6834 TRIM CLIP REMOVER TOOL



- Removes trim clips in just a few seconds

THREAD GAUGE



*How to measure
a thread*

| | |
|------------|------------------------------------------|
| 137 | BSW, 55° Pitch Angle, Leaves 4 to 62 TPI |
| 156 | Metric, 60° Pitch Angle, 20 Leaves |
| 126 | Combination Metric / Imperial |

BALL JOINTS

The range of Linkage Ball Joints conform fully to SAE Standards
Zinc plated for maximum corrosion protection



SPRING LOADED 90°

| | |
|--------------|------------|
| A1000 | 10/32" UNF |
| A1002 | 1/4" UNF |
| A1003 | 5/16" UNF |



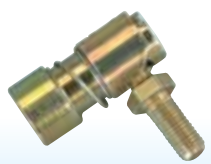
HEAVY DUTY 90°

| | |
|---------------|------------|
| SP1000 | 10/32" UNF |
| SP1002 | 1/4" UNF |
| SP1003 | 5/16" UNF |
| SP1004 | 3/8" UNF |



LIGHT WEIGHT 90°

| | |
|---------------|----------|
| D1209C | 1/4" UNC |
| D1209F | 1/4" UNF |



QUICK DISCONNECT 90°

| | |
|---------------|----------|
| SS1002 | 1/4" UNF |
|---------------|----------|



DAMPER CONTROL

| | |
|----------------|-----------|
| DC1310F | 5/16" UNF |
|----------------|-----------|



LIGHT WEIGHT IN-LINE

| | |
|----------------|----------|
| DS1209C | 1/4" UNC |
| DS1209F | 1/4" UNF |

MISCELLANEOUS PRODUCTS



MULTI-PURPOSE USE

*Seals all threaded surfaces,
preventing parts
vibrating loose.*

TL262 THREAD LOCK

- Stops threaded fasteners from loosening through vibration
- Especially made to lock all Champion and other threaded fasteners
- Helps prevent corrosion
- High viscosity and high strength
- Oil resistant
- Cures in the absence of air
- Nuts and bolts may be removed after curing
- For automotive and industrial applications



IDEAL FOR:

*screws, bolts, nails,
sliding drawers,
latches, and applications
when a non-greasy
lubricant is required.*

CTLS1 THREAD LUBE STICK

- Thread lube is a solid lubricating stick for household and industrial applications
- Ideal for freeing jammed drawers, windows etc.
- Enables screws and bolts to screw in easier
- Can be applied to nails and zippers
- Does not stain and is safe to handle
- Easy to use
- Apply lightly to a clean surface



CBH34 BATTERY HYDROMETER

This economical glass hydrometer features an acid resistant rubber bulb with extra long tip and easy to read float scale.



THREAD TESTER:

*Metric
UNC Coarse
UNF Fine*

SUITABLE FOR:

*Workshop
Sales Counter
Tafe College*

SIZE:

930H x 110W (mm)

CAN BE WALL MOUNTED

TT1 THREAD TESTER

A unique thread tester panel which enables accurate identification of:

- Thread type
- Diameter
- Pitch and length for both bolts and nuts

MISCELLANEOUS PRODUCTS



CSD4
305H x 410W x 320D

CSD6
430H x 410W x 320D

CSD4 4 DRAWER METAL CABINET

CSD6 6 DRAWER METAL CABINET

- Available in either 4 or 6 drawer capacity
- These sturdy metal cabinets are complete with roll out trays
- Attractively powder coated in red to complement the master kits



CDS10 HEAVY DUTY WIRE MERCHANDISER

- Designed to hold four Master Kits
- Merchandiser dimensions: 405H x 185W x 400D (mm)
- Black powder coated
- Sturdy metal frame
- Ideal workshop accessory

LOCKABLE



900H x 640W x 600D (mm)

CSD200 8 DRAWER STORAGE CABINET

25 FIXED COMPARTMENTS per drawer

CSD256 8 DRAWER STORAGE CABINET

UP TO 32 ADJUSTABLE COMPARTMENTS per drawer

- These sturdy metal cabinets are complete with roll out trays
- Ideal for workshops
- Display of small parts in store
- Neatly stocking small parts behind the counter



CDS03 10 TIER ASSORTMENT STAND

- 685H x 190W x 200D (mm) including header
- Stand can be purchased empty or built with your selection of assortments
- Free standing or wall mounted

Storage cabinets and racks are not supplied with assortments

MISCELLANEOUS PRODUCTS



CASE OF BOLTS

CBA1 IMPERIAL – CASE OF BOLTS

A carefully selected range of UNC and UNF, High Tensile, Grade 5, Bolts and Set Screws with Nuts to suit.

- Size Range: 1/4", 5/16", 3/8", 7/16" and 1/2"
- Lengths: up to 4"
- 38 Sizes
- 600 Pieces

CMA1 METRIC – CASE OF BOLTS

A comprehensive range of High Tensile, Grade 8.8, Bolts and Set Screws with Nuts. This assortment has been designed to cover extensive applications on local and imported machinery, vehicles and other equipment.

- Size Range: M5 to M16 Dia.
- Lengths: up to 120mm
- 37 Sizes
- 600 Pieces

CFM1 SPECIAL PITCH – METRIC CASE OF BOLTS

A comprehensive range of Fine Pitch, Metric, High Tensile, Grade 8.8, Hexagon Bolts and Set Screws with Nuts to suit. This assortment has been designed to cover extensive applications on local and imported machinery, vehicles and other equipment.

- Thread Sizes: M6 x 1.0, M8 x 1.0, M10 x 1.0, M8 x 1.25, M10 x 1.25, M12 x 1.25 and M12 x 1.5
- Lengths: up to 120mm
- 39 Sizes with Standard and Flange Nuts
- 600 Pieces



BUCKET OF BOLTS

BBIMP IMPERIAL – BUCKET OF BOLTS

| | | |
|--------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25 qty | 1/4 x 5/8" Set Screws | Imperial, H/T, GR5, Hex Nuts, Flat Washers and Spring Washers to suit. |
| 25 | 1/4 x 3/4" Set Screws | |
| 25 | 1/4 x 1" Set Screws | |
| 15 | 1/4 x 1-1/2" Hex Bolts | |
| 10 | 1/4 x 2-1/4" Hex Bolts | |
| 20 | 5/16 x 3/4" Set Screws | |
| 15 | 5/16 x 1-1/4" Hex Bolts | |
| 10 | 5/16 x 1-1/2" Set Screws | |
| 10 | 5/16 x 2" Hex Bolts | |
| 10 | 3/8 x 3/4" Set Screws | |
| 10 | 3/8 x 1" Set Screws | 20 Sizes: 1/4 to 1/2" Dia. <i>Sizes may vary according to availability, but quantities remain the same. Individual sizes supplied in poly bags.</i> |
| 10 | 3/8 x 1-1/4" Set Screws | |
| 5 | 3/8 x 1-1/2" Hex Bolts | |
| 5 | 3/8 x 2" Set Screws | |
| 5 | 3/8 x 2-1/2" Set Screws | |
| 3 | 7/16 x 1-3/4" Set Screws | |
| 4 | 7/16 x 1-3/4" Hex Bolts | |
| 8 | 7/16 x 2" Hex Bolts | |
| 8 | 1/2 x 1-1/4" Set Screws | |
| 5 | 1/2 x 1-1/2" Hex Bolts | |

BBMET METRIC – BUCKET OF BOLTS

| | | |
|--------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25 qty | M6 x 16mm Set Screws | Metric, H/T, GR8.8, Hex Nuts, Flat Washers and Spring Washers to suit. |
| 25 | M6 x 20mm Set Screws | |
| 15 | M6 x 25mm Set Screws | |
| 15 | M6 x 30mm Set Screws | |
| 10 | M6 x 40mm Set Screws | |
| 10 | M6 x 50mm Set Screws | |
| 20 | M8 x 20mm Set Screws | |
| 20 | M8 x 25mm Set Screws | |
| 8 | M8 x 45mm Set Screws | |
| 8 | M8 x 50mm Set Screws | |
| 8 | M10 x 25mm Set Screws | 20 Sizes: M6 to M12 <i>Sizes may vary according to availability, but quantities remain the same. Individual sizes supplied in poly bags.</i> |
| 10 | M10 x 35mm Bolts | |
| 8 | M10 x 40mm Set Screws | |
| 5 | M10 x 50mm Set Screws | |
| 5 | M10 x 60mm Set Screws | |
| 5 | M12 x 45mm Set Screws | |
| 5 | M12 x 50mm Hex Bolts | |
| 5 | M12 x 50mm Set Screws | |
| 5 | M12 x 55mm Hex Bolts | |
| 3 | M12 x 75mm Set Screws | |

111 PIECE TAP AND DIE SET – ALLOY STEEL

CTD110 TAP AND DIE SET

Thread Range: UNF, UNC, UNS, NPT, Metric ISO and Metric Fine

- 1 x Tap Wrench 1/8" to 1/2" (3mm to 12mm)
- 1 x Tap Wrench 1/4" to 3/4" (6mm to 20mm)
- 1 x 'T' Handle Tap Wrench
- 1 x Die Stock (1" OD) Handle Wrench
- 1 x Die Stock (1-1/2" OD) Handle Wrench

70 TAPS: 35 Intermediate & 35 Plug

35 DIES: 23 x 1" & 13 x 1-1/2"



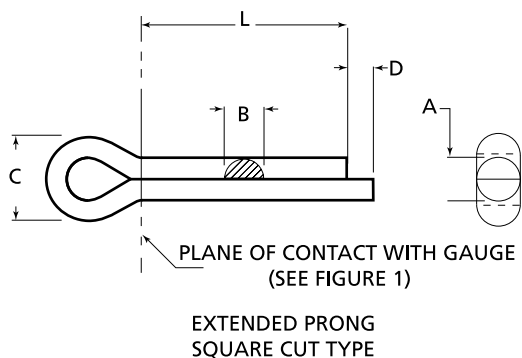
INTERMEDIATE & PLUG TAPS Size Range

| UNF | METRIC ISO |
|-----------------|---------------|
| 10/32" - 32 TPI | M6 x 1.00 |
| 1/4" - 28 TPI | M8 x 1.25 |
| 5/16" - 24 TPI | M10 x 1.5 |
| 3/8" - 24 TPI | M11 x 1.5 |
| 7/16" - 20 TPI | M12 x 1.75 |
| 1/2" - 20 TPI | |
| 9/16" - 18 TPI | |
| 5/8" - 18 TPI | |
| 3/4" - 16 TPI | |
| UNC | METRIC FINE |
| 4/40" - 40 TPI | M10 x 1.00 |
| 6/32" - 32 TPI | M10 x 1.25 |
| 8/32" - 32 TPI | M12 x 1.25 |
| 10/24" - 24 TPI | M14 x 1.25 |
| 12/24" - 24 TPI | M18 x 1.5 |
| | |
| UNS | |
| 1/4" - 20 TPI | 1/4" - 24 TPI |
| 5/16" - 18 TPI | 1/4" - 24 TPI |
| 3/8" - 16 TPI | |
| 7/16" - 14 TPI | |
| 1/2" - 13 TPI | |
| 9/16" - 12 TPI | |
| 5/8" - 11 TPI | |
| 3/4" - 10 TPI | |
| | NPT |
| | 1/8" - 27 TPI |
| | 1/4" - 18 TPI |

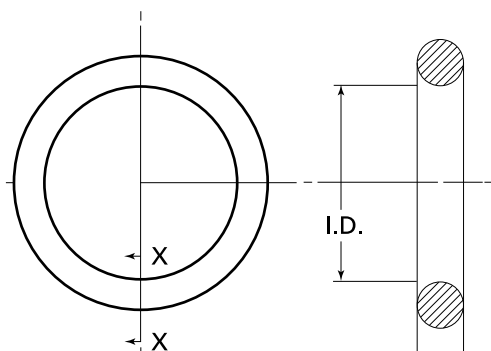
DIE NUTS Size Range: 22 x 1" & 13 x 1-1/2"

| UNF | METRIC ISO |
|-----------------|---------------|
| 10/32" - 32 TPI | M6 x 1.00 |
| 1/4" - 28 TPI | M8 x 1.25 |
| 5/16" - 24 TPI | M10 x 1.5 |
| 3/8" - 24 TPI | M11 x 1.5 |
| 7/16" - 20 TPI | M12 x 1.75 |
| 1/2" - 20 TPI | |
| 9/16" - 18 TPI | |
| 5/8" - 18 TPI | |
| 3/4" - 16 TPI | |
| UNC | METRIC FINE |
| 4/40" - 40 TPI | M10 x 1.00 |
| 6/32" - 32 TPI | M10 x 1.25 |
| 8/32" - 32 TPI | M12 x 1.25 |
| 10/24" - 24 TPI | M14 x 1.25 |
| 12/24" - 24 TPI | M18 x 1.5 |
| | |
| UNS | |
| 1/4" - 20 TPI | 1/4" - 24 TPI |
| 5/16" - 18 TPI | 1/4" - 32 TPI |
| 3/8" - 16 TPI | |
| 7/16" - 14 TPI | |
| 1/2" - 13 TPI | |
| 9/16" - 12 TPI | |
| 5/8" - 11 TPI | |
| 3/4" - 10 TPI | |
| | NPT |
| | 1/8" - 27 TPI |
| | 1/4" - 18 TPI |

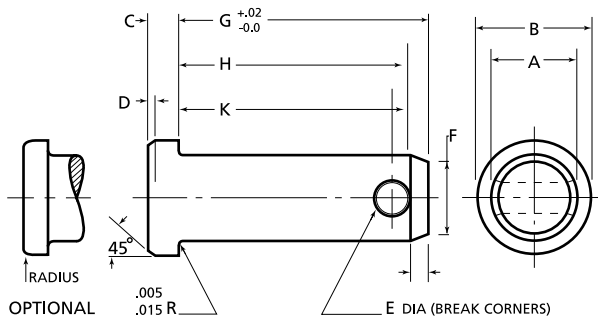
COTTER PINS



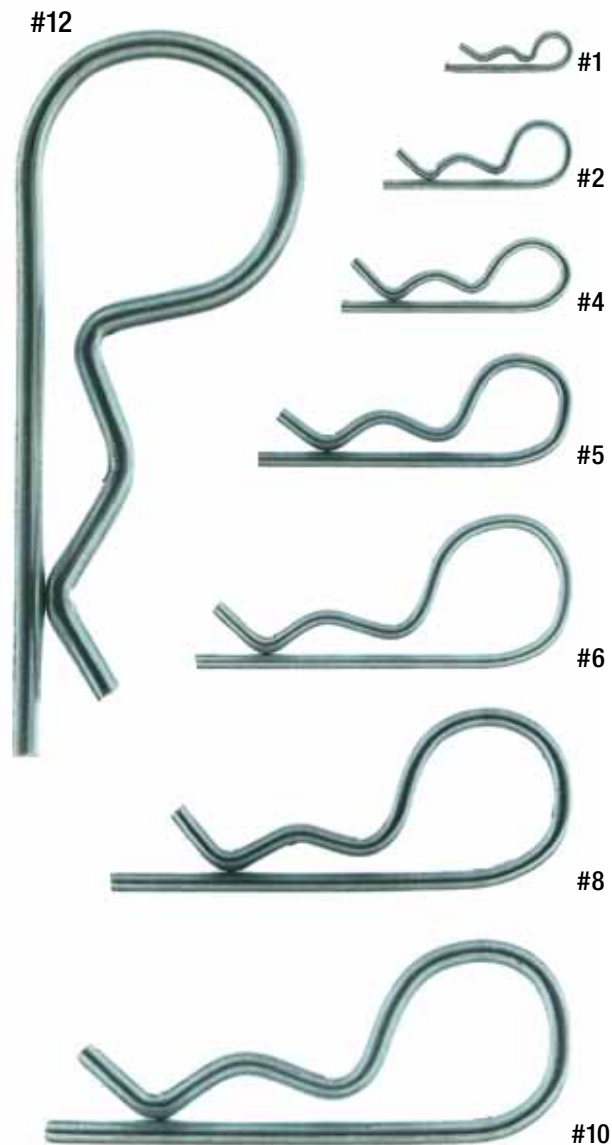
'O' RINGS



CLEVIS PINS



'R' CLIPS SIZE CHART



Actual Size

TAPER PINS

| TAPER PIN NUMBER | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|------------------------------|----------------|---------------|----------------|----------------|------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|
| DIAMETER LARGE END – INCH | .156 | .172 | .193 | .219 | .250 | .289 | .341 | .409 | .492 | .591 | .706 |
| APPROX. FRACTION SIZE – INCH | $\frac{5}{32}$ | $\frac{1}{4}$ | $\frac{3}{16}$ | $\frac{7}{32}$ | .250 | $\frac{19}{64}$ | $\frac{11}{32}$ | $\frac{13}{32}$ | $\frac{1}{2}$ | $\frac{19}{32}$ | $\frac{23}{32}$ |
| APPROX. mm SIZE | 3.96 | 4.36 | 4.76 | 5.55 | 6.35 | 7.54 | 8.7 | 10.3 | 12.7 | 15.0 | 18.2 |



TAPER PINS ARE MEASURED: LARGE END x LENGTH
STANDARD TAPER IS 1/4" PER 12"

IMPERIAL TO METRIC

| IMPERIAL | | METRIC | IMPERIAL | | METRIC |
|----------|----------|--------|----------|----------|--------|
| SIZE | DECIMALS | mm | SIZE | DECIMALS | mm |
| 1/64 | .015625 | 0.397 | 33/64 | .515625 | 13.097 |
| 1/32 | .03125 | 0.794 | 17/32 | .53125 | 13.494 |
| 3/64 | .046875 | 1.191 | 35/64 | .546875 | 13.891 |
| 1/16 | .0625 | 1.588 | 9/16 | .5625 | 14.288 |
| 5/64 | .078125 | 1.984 | 37/64 | .578125 | 14.684 |
| 3/32 | .09375 | 2.381 | 19/32 | .59375 | 15.081 |
| 7/64 | .109375 | 2.778 | 39/64 | .609375 | 15.478 |
| 1/8 | .1250 | 3.175 | 5/8 | .6250 | 15.875 |
| 9/64 | .140625 | 3.572 | 41/64 | .640625 | 16.272 |
| 5/32 | .15625 | 3.969 | 21/32 | .65625 | 16.669 |
| 11/64 | .171875 | 4.366 | 43/64 | .671875 | 17.066 |
| 3/16 | .1875 | 4.763 | 11/16 | .6875 | 17.463 |
| 13/64 | .203125 | 5.159 | 45/64 | .703125 | 17.859 |
| 7/32 | .21875 | 5.556 | 23/32 | .71875 | 18.256 |
| 15/64 | .234375 | 5.953 | 47/64 | .734375 | 18.653 |
| 1/4 | .2500 | 6.350 | 3/4 | .7500 | 19.050 |
| 17/64 | .265625 | 6.747 | 49/64 | .765625 | 19.447 |
| 9/32 | .28125 | 7.144 | 25/32 | .78125 | 19.844 |
| 19/64 | .296875 | 7.541 | 51/64 | .796875 | 20.241 |
| 5/16 | .3125 | 7.938 | 13/16 | .8125 | 20.638 |
| 21/64 | .328125 | 8.334 | 53/64 | .828125 | 21.034 |
| 11/32 | .34375 | 8.731 | 27/32 | .84375 | 21.431 |
| 23/64 | .359375 | 9.128 | 55/64 | .859375 | 21.828 |
| 3/8 | .3750 | 9.525 | 7/8 | .8750 | 22.225 |
| 25/64 | .390625 | 9.922 | 57/64 | .890625 | 22.622 |
| 13/32 | .40625 | 10.319 | 29/32 | .90625 | 23.019 |
| 27/64 | .421875 | 10.716 | 59/64 | .921875 | 23.416 |
| 7/16 | .4375 | 11.113 | 15/16 | .9375 | 23.813 |
| 29/64 | .453125 | 11.509 | 61/64 | .953125 | 24.209 |
| 15/32 | .46875 | 11.906 | 31/32 | .96875 | 24.606 |
| 31/64 | .484375 | 12.303 | 63/64 | .984375 | 25.003 |
| 1/2 | .5000 | 12.700 | 1 | 1.000 | 25.400 |

1mm = .03937" .001" = .0254mm

METRIC TO IMPERIAL

| mm | INCHES | mm | INCHES |
|----|--------|-----|--------|
| .1 | .0039 | 47 | 1.8504 |
| .2 | .0079 | 48 | 1.8898 |
| .3 | .0118 | 49 | 1.9291 |
| .4 | .0157 | 50 | 1.9685 |
| .5 | .0197 | 51 | 2.0079 |
| .6 | .0236 | 52 | 2.0472 |
| .7 | .0276 | 53 | 2.0866 |
| .8 | .0315 | 54 | 2.1260 |
| .9 | .0354 | 55 | 2.1654 |
| 1 | .0394 | 56 | 2.2047 |
| 2 | .0787 | 57 | 2.2441 |
| 3 | .1181 | 58 | 2.2835 |
| 4 | .1575 | 59 | 2.3228 |
| 5 | .1969 | 60 | 2.3622 |
| 6 | .2362 | 61 | 2.4016 |
| 7 | .2756 | 62 | 2.4409 |
| 8 | .3150 | 63 | 2.4803 |
| 9 | .3543 | 64 | 2.5197 |
| 10 | .3937 | 65 | 2.5591 |
| 11 | .4331 | 66 | 2.5984 |
| 12 | .4724 | 67 | 2.6378 |
| 13 | .5118 | 68 | 2.6772 |
| 14 | .5512 | 69 | 2.7165 |
| 15 | .5906 | 70 | 2.7559 |
| 16 | .6299 | 71 | 2.7953 |
| 17 | .6693 | 72 | 2.8346 |
| 18 | .7087 | 73 | 2.8740 |
| 19 | .7480 | 74 | 2.9134 |
| 20 | .7874 | 75 | 2.9528 |
| 21 | .8268 | 76 | 2.9921 |
| 22 | .8661 | 77 | 3.0315 |
| 23 | .9055 | 78 | 3.0709 |
| 24 | .9449 | 79 | 3.1102 |
| 25 | .9843 | 80 | 3.1496 |
| 26 | 1.0236 | 81 | 3.1890 |
| 27 | 1.0630 | 82 | 3.2283 |
| 28 | 1.1024 | 83 | 3.2677 |
| 29 | 1.1417 | 84 | 3.3071 |
| 30 | 1.1811 | 85 | 3.3465 |
| 31 | 1.2205 | 86 | 3.3858 |
| 32 | 1.2598 | 87 | 3.4252 |
| 33 | 1.2992 | 88 | 3.4646 |
| 34 | 1.3386 | 89 | 3.5039 |
| 35 | 1.3780 | 90 | 3.5433 |
| 36 | 1.4173 | 91 | 3.5827 |
| 37 | 1.4567 | 92 | 3.6220 |
| 38 | 1.4961 | 93 | 3.6614 |
| 39 | 1.5354 | 94 | 3.7008 |
| 40 | 1.5748 | 95 | 3.7402 |
| 41 | 1.6142 | 96 | 3.7795 |
| 42 | 1.6535 | 97 | 3.8189 |
| 43 | 1.6929 | 98 | 3.8583 |
| 44 | 1.7323 | 99 | 3.8976 |
| 45 | 1.7717 | 100 | 3.9370 |
| 46 | 1.8110 | | |



Lined area for notes, consisting of multiple horizontal lines.

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CHAMPION PARTS PTY LTD

205 Arden Street, North Melbourne VIC 3051

Phone: +61 3 9325 9000

Phone: +61 3 9326 5600

Fax: +61 3 9329 2452

www.championparts.com.au

sales@championparts.com.au

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