



DAMESA

I N D U S T R I E S

FASTENER CATALOGUE

2ND EDITION 2019



Notes:



TABLE OF CONTENTS

BOLTS & SET SCREWS	2-3
CAP & SOCKET SCREWS	4
GRUB, MACHINE & COACH SCREWS	5-6
THREADED ROD	6
WASHERS	7
NUTS	8-9
THREAD COMPOUNDS	10-14
SCREWS	15-19
RIVETS & RIVNUTS	20-22
DRILL & DRIVER BITS	23-25
ALUMINIUM FASTENERS	26-38
SEALANTS & ADHESIVES	39-41
INDUSTRIAL CHEMICALS	42-44
KLINGSPOR ABRASIVES	45-46
TRANSPORT HARDWARE	47
BALUSTRADE HARDWARE	48-49
GAS STRUTS	50-51
HAND TOOLS & PPE	52-53
TAPS & DIES	54
THREAD REPAIR KITS & BURRS	55
CONCRETE FASTENERS	56

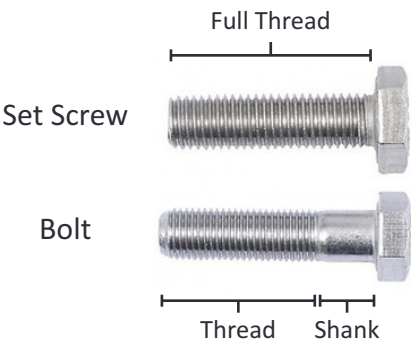
BOLTS & SET SCREWS



UNC & UNF Bolt
Available in Plain & Zinc

Grade 5

Diameter	Min. Length	Max. Length
1/4"	1 1/4"	6"
5/16"	1 1/4"	6"
3/8"	1 1/4"	10"
7/16"	1 1/4"	10"



UNC & UNF Set Screw
Available in Plain, Zinc &
*Stainless Steel (A2-70)

Grade 8

Diameter	Min. Length	Max. Length
1/4" *	1/2"	8"
5/16" *	1/2"	8"
3/8" *	1/2"	10"
7/16" *	3/4"	10"
1/2" *	3/4"	15"
9/16" *	1"	6"
5/8" *	1"	16"
3/4" *	1"	16"
7/8" *	1 1/2"	16"
1" *	1 1/2"	16"
1 1/8"	2 1/2"	16"
1 1/4"	2 1/2"	16"
1 3/8"	4"	16"
1 1/2"	3"	16"
1 3/4"	4"	16"
2"	4"	16"



UNC & UNF Bolt
Available in Plain, Zinc &
*Stainless Steel (A2-70)

Grade 8

Diameter	Min. Length	Max. Length
1/4" *	1/2"	8"
5/16" *	1/2"	8"
3/8" *	1/2"	10"
7/16" *	3/4"	10"
1/2" *	3/4"	15"
9/16" *	1"	6"
5/8" *	1"	16"
3/4" *	1"	16"
7/8" *	1 1/2"	16"
1" *	1 1/2"	16"
1 1/8"	2 1/2"	16"
1 1/4"	2 1/2"	16"
1 3/8"	4"	16"
1 1/2"	3"	16"
1 3/4"	4"	16"
2"	4"	16"



UNC & UNF Set Screw
Available in Plain & Zinc

Grade 5

Diameter	Min. Length	Max. Length
1/4"	1 1/4"	6"
5/16"	1 1/4"	6"
3/8"	1 1/4"	10"
7/16"	1 1/4"	10"

* Indicates the diameters available in Stainless Steel, note that the lengths available may differ to those in Zinc and Plain

** Note that NOT all sizes are available in UNF **

Lines



Imperial

Numbers



Metric

BOLTS & SET SCREWS



Metric Bolt

Available in Plain, Zinc &
*Stainless Steel (A2-70)

Class 8.8

Diameter	Min. Length	Max. Length
M4 *	8mm	40mm
M5 *	8mm	80mm
M6 *	10mm	130mm
M8 *	10mm	200mm
M10 *	12mm	220mm
M12 *	20mm	220mm
M14 *	25mm	200mm
M16 *	25mm	300mm
M18 *	30mm	100mm
M20 *	30mm	300mm
M22 *	55mm	400mm
M24 *	40mm	300mm
M27 *	70mm	400mm
M30 *	75mm	450mm
M36 *	90mm	300mm



Metric Bolt

Available in Plain & Zinc

Class 10.9

Diameter	Min. Length	Max. Length
M6	10mm	130mm
M8	10mm	200mm
M10	12mm	220mm
M12	20mm	220mm
M14	25mm	120mm
M16	25mm	250mm
M18	40mm	160mm
M20	30mm	250mm
M22	55mm	400mm
M24	40mm	250mm
M27	55mm	400mm
M30	40mm	250mm
M33	75mm	450mm
M36	90mm	300mm



Metric Set Screw

Available in Plain, Zinc &
*Stainless Steel (A2-70)

Class 8.8

Diameter	Min. Length	Max. Length
M4 *	8mm	40mm
M5 *	8mm	80mm
M6 *	10mm	130mm
M8 *	10mm	200mm
M10 *	12mm	220mm
M12 *	20mm	220mm
M14 *	25mm	200mm
M16 *	25mm	300mm
M18 *	30mm	100mm
M20 *	30mm	300mm
M22 *	55mm	400mm
M24 *	40mm	300mm
M27 *	70mm	400mm
M30 *	75mm	450mm
M36 *	90mm	300mm



Metric Set Screw

Available in Plain & Zinc

Class 10.9

Diameter	Min. Length	Max. Length
M6	10mm	130mm
M8	10mm	200mm
M10	12mm	220mm
M12	20mm	220mm
M14	25mm	120mm
M16	25mm	250mm
M18	40mm	160mm
M20	30mm	250mm
M22	55mm	400mm
M24	40mm	250mm
M27	55mm	400mm
M30	40mm	250mm
M33	75mm	450mm
M36	90mm	300mm

* Indicates the diameters available in Stainless Steel, note that the lengths available may differ to those in Zinc and Plain

CAP & SOCKET SCREWS



Metric Cap Screw

Available in Plain, Zinc &
*Stainless Steel (A2-70)

Class 12.9

Diameter	Min. Length	Max. Length
M4 *	6mm	80mm
M5 *	6mm	150mm
M6 *	6mm	130mm
M8 *	10mm	160mm
M10 *	12mm	160mm
M12 *	16mm	180mm
M14 *	40mm	120mm
M16 *	25mm	200mm
M20 *	30mm	200mm
M24 *	50mm	200mm



UNC & UNF Cap Screw

Available in Plain, Zinc &
*Stainless Steel (A2-70)

Grade 8

Diameter	Min. Length	Max. Length
1/4" *	3/8"	4"
5/16" *	3/8"	4"
3/8" *	1/2"	6"
7/16" *	1/2"	4"
1/2" *	1/2"	8"
5/8"	1"	8"
3/4" *	1 1/4"	8"
7/8" *	2"	3 1/2"
1" *	2"	4"



Metric Button Head Socket Screw

Available in Zinc & *Stainless
Steel (A2-70) Class 12.9

Diameter	Min. Length	Max. Length
M4 *	6mm	40mm
M5 *	6mm	50mm
M6 *	8mm	70mm
M8 *	10mm	100mm
M10 *	12mm	100mm
M12 *	16mm	80mm



UNC & UNF Button Head Socket Screw

Available in Zinc & *Stainless
Steel (A2-70) Grade 8

Diameter	Min. Length	Max. Length
1/4" *	3/8"	1"
5/16" *	1/2"	1"
3/8" *	1/2"	1 1/4"
1/2"	1"	4"
5/8" *	1"	4"



Metric CSK Socket Screw

Available in Zinc & *Stainless
Steel (A2-70) Class 12.9

Diameter	Min. Length	Max. Length
M4 *	8mm	50mm
M5 *	8mm	60mm
M6 *	8mm	75mm
M8 *	10mm	80mm
M10 *	12mm	100mm
M12 *	20mm	120mm
M16 *	30mm	140mm
M20 *	35mm	120mm
M24 *	50mm	100mm



UNC & UNF CSK Socket Screw

Available in Zinc & *Stainless
Steel (A2-70) Grade 8

Diameter	Min. Length	Max. Length
1/4" *	3/8"	2"
5/16" *	1/2"	2 1/2"
3/8" *	1/2"	3"
7/16" *	3/4"	2"
1/2" *	3/4"	3"
5/8"	1 1/4"	3"

CUP HEAD BOLTS, GRUB & COACH SCREWS



Metric Grub Screw

Available in Plain & Zinc

Flat, Cup, Oval, Conical & Dog

Diameter	Min. Length	Max. Length
M4	5mm	35mm
M5	5mm	50mm
M6	5mm	50mm
M8	6mm	80mm
M10	10mm	70mm
M12	12mm	80mm
M14	20mm	45mm
M16	16mm	80mm
M20	20mm	80mm
M24	25mm	100mm



Metric Cup Head Bolt

Available in Zinc, HDG & Stainless Steel* Class 4.6

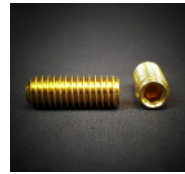
Diameter	Min. Length	Max. Length
M6 *	20mm	100mm
M8 *	20mm	180mm
M10 *	25mm	400mm
M12 *	30mm	400mm
M16	50mm	400mm
M20	50mm	400mm



Metric Coach Screw

Available in Zinc, HDG & Stainless Steel
Class 4.6

Diameter	Min. Length	Max. Length
M6	25mm	100mm
M8	30mm	100mm
M10	40mm	150mm
M12	40mm	200mm
M16	50mm	200mm
M20	100mm	200mm



UNC & UNF Grub Screw

Available in Plain & Zinc

Flat, Cup, Oval, Conical & Dog

Diameter	Min. Length	Max. Length
1/4"	3/16"	3"
5/16"	1/4"	3"
3/8"	1/4"	4"
7/16"	3/8"	4"
1/2"	3/8"	6"
9/16"	1/2"	1 1/2"
5/8"	1/2"	6"
3/4"	5/8"	6"
7/8"	7/8"	6"
1"	1"	6"
1 1/8"	1"	3"
1 1/4"	1"	4"
1 1/2"	1 1/2"	4"

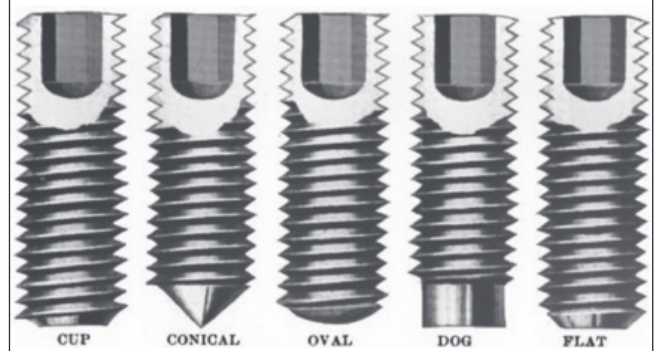


UNC Cup Head Bolt

** Only available in Zinc
Grade 4.6

Diameter	Min. Length	Max. Length
1/4"	1"	6"
5/16"	1"	6"
3/8"	1"	12"
1/2"	2"	12"

Grub Screw Tips



MACHINE SCREWS & THREADED ROD



Metric Pan Head Machine Screw

Available in Zinc & *Stainless Steel

Diameter	Min. Length	Max. Length
M3 *	6mm	40mm
M4 *	6mm	50mm
M5 *	8mm	75mm
M6 *	10mm	75mm
M8 *	16mm	75mm
M10	20mm	75mm



Imperial Pan Head Machine Screw

Available in Zinc & *Stainless Steel

Diameter	Min. Length	Max. Length
1/8" *	1/4"	3"
5/32" *	1/4"	3"
3/16" *	1/4"	4"
1/4" *	3/8"	3"
5/16" *	1/2"	3"
3/8"	3/4"	3"



Metric Countersunk Machine Screw

Available in Zinc & *Stainless Steel

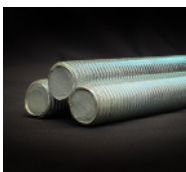
Diameter	Min. Length	Max. Length
M3 *	6mm	50mm
M4 *	6mm	75mm
M5 *	8mm	75mm
M6 *	10mm	75mm
M8 *	12mm	75mm
M10	20mm	75mm



Imperial CSK Machine Screw

Available in Zinc & *Stainless Steel

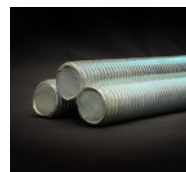
Diameter	Min. Length	Max. Length
1/8" *	1/4"	1"
5/32" *	1/4"	3"
3/16" *	1/4"	3"
1/4" *	3/8"	3"
5/16" *	1/2"	3"
3/8"	3/4"	3"



Metric Threaded Rod

Available in Zinc, Gal & Stainless Steel
High Tensile

Min. Diameter	Max. Diameter	Length
M6	M36	1M



Imperial Threaded Rod

Available in Zinc, Gal & Stainless Steel
High Tensile

Min. Diameter	Max. Diameter	Length
1/4"	1 1/2"	3'

FLAT, HIGH TENSILE, SPRING, STAR & BODY WASHERS



Metric Flat Washers

Available in:
Zinc & Stainless Steel

Min. Diameter	Max. Diameter
M3	M36



Imperial Flat Washers

Available in:
Zinc & Stainless Steel

Min. Diameter	Max. Diameter
1/4"	2"



Metric High Tensile Washers

** Only available in Zinc

Min. Diameter	Max. Diameter
M3	M36



Imperial High Tensile Washers

** Only available in Zinc

Min. Diameter	Max. Diameter
1/4"	2"



Metric Body Washer

**Only available in Zinc

Diameter	Min. OD	Max. OD
M3	12mm	16mm
M4	16mm	16mm
M5	12mm	30mm
M6	12mm	50mm
M8	20mm	50mm
M10	25mm	50mm
M12	30mm	50mm
M14	30mm	30mm
M16	50mm	50mm



Imperial Body Washers

**Only available in Zinc

Diameter	Min. OD	Max. OD
1/8"	1/2"	5/8"
5/32"	5/8"	5/8"
3/16"	1/2"	1 1/4"
1/4"	1/2"	2"
5/16"	3/4"	2"
3/8"	1"	2"
1/2"	1 1/4"	2"
9/16"	1 1/4"	1 1/4"
5/8"	2"	2"



Metric Spring Washers

Available in:
Zinc, Stainless Steel & Gal

Min. Diameter	Max. Diameter
M3	M36



Imperial Spring Washers

Available in:
Zinc, Stainless Steel & Gal

Min. Diameter	Max. Diameter
1/4"	2"



Internal Star Washers

Available in:
Zinc & Stainless Steel

Min. Diameter	Max. Diameter
M3	M20

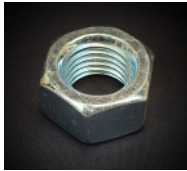


External Star Washers

Available in:
Zinc & Stainless Steel

Min. Diameter	Max. Diameter
M3	M20

METRIC NUTS



Metric Nut

Available in:
Zinc, Stainless Steel & Gal

Min. Diameter	Max. Diameter
M3	M36



Metric Nut **Fine Thread

Available in:
Zinc, Stainless Steel & Gal

Min. Diameter	Max. Diameter
M8	M30



Metric Flange Nut

Available in:
Zinc & Stainless Steel

Min. Diameter	Max. Diameter
M5	M12



Metric Wing Nut

Available in:
Zinc & Stainless Steel

Min. Diameter	Max. Diameter
M4	M12



Metric Cone Locknut

Available in:
Zinc & Gal

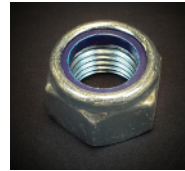
Min. Diameter	Max. Diameter
M6	M36



Metric Kinmar Nut

Available in:
Zinc, Stainless Steel & Gal

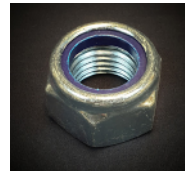
Min. Diameter	Max. Diameter
M5	M12



Metric Nyloc Nut

Available in:
Zinc & Stainless Steel

Min. Diameter	Max. Diameter
M3	M36



Metric Nyloc Nut **Fine Thread

Available in:
Zinc & Stainless Steel

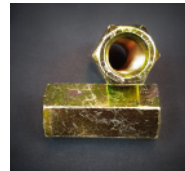
Min. Diameter	Max. Diameter
M8	M30



Metric Dome Nut

**Only available in
Stainless Steel

Min. Diameter	Max. Diameter
M3	M24



Metric Coupler Nut

Available in:
Zinc, Stainless Steel & Gal

Min. Diameter	Max. Diameter
M6	M20



Metric Shear Nut

Available in:
Zinc, Stainless Steel & Gal

Min. Diameter	Max. Diameter
M4	M20

IMPERIAL NUTS



UNC Nut

Available in:
Zinc, Stainless Steel & Gal

Min. Diameter	Max. Diameter
1/4"	2"



UNF Nut

Available in:
Zinc, Stainless Steel & Gal

Min. Diameter	Max. Diameter
1/4"	2"



UNC Nyloc Nut

Available in:
Zinc & Stainless Steel

Min. Diameter	Max. Diameter
3/16"	2"



UNF Nyloc Nut

Available in:
Zinc & Stainless Steel

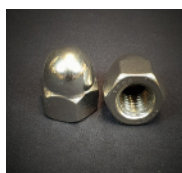
Min. Diameter	Max. Diameter
3/16"	1 3/4"



UNC Flange Nut

Available in:
Zinc & Stainless Steel

Min. Diameter	Max. Diameter
1/4"	1/2"



UNC Dome Nut

**Only available in
Stainless Steel

Min. Diameter	Max. Diameter
1/4"	5/8"



BRIGHTON-BEST INTERNATIONAL

Brighton-Best is currently located in 31 locations in 6 countries and supplies over 7,000 distributors throughout the world. Known for their vast product inventory and high quality products, Brighton-Best has been in the fastener industry for close to 50yrs and is one of the market leaders in this industry.

BBI also supply a range of Proffered® hand tools and Ironclad® & Kong® work gloves for almost every industry. To find out more visit www.brightonbest.com.au

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THREAD LOCKING COMPOUNDS



3222

Compound

- Under 6mm
- PURPLE
- Low
- 20min/24hr
- -50°C to +150°C
- High
- Easy Disassembly

Anaerobic low strength removable grade threadlocking compound for small metal screws, nuts & fasteners less than 6mm in diameter.



3242

Compound

- 6mm - 20mm
- BLUE
- Medium
- 10min/24hr
- -50°C to +150°C
- High
- High Viscosity

Anaerobic medium strength removable grade threadlocking compound for metal screws, nuts & fasteners between 6mm and 20mm in diameter.



3243

Compound

- 6mm - 20mm
- BLUE
- Medium
- 10min/24hr
- -50°C to +150°C
- High
- Oil Resistant

Anaerobic medium strength, oil resistant removable grade threadlocking compound metal screws, nuts & fasteners between 6mm and 20mm in diameter.



3262

Compound

- Up to 20mm
- RED
- High
- 20min/24hr
- -50°C to +150°C
- High
- Permanent Gde

Anaerobic high strength permanent grade threadlocking compound for metal screws, nuts & fasteners up to 20mm in diameter.



3271

Compound

- Up to 25mm
- RED
- High
- 10min/24hr
- -50°C to +150°C
- Medium
- Permanent Gde

Anaerobic high strength and medium viscosity permanent grade threadlocking compound for metal screws, nuts & fasteners up to 25mm in diameter.



3272

Compound

- Up to 25mm
- RED
- High
- 30min/24hr
- -50°C to +230°C
- High
- High Temp

Anaerobic high strength & high temp threadlocking compound for metal screws, nuts & fasteners up to 25mm in diameter.



3277

Compound

- Over 25mm
- RED
- High
- 30min/24hr
- -50°C to +150°C
- High
- Oil Resistant

Anaerobic high strength & oil resistant threadlocking compound for metal screws, nuts & fasteners over 25mm in diameter.



3290

Compound

- Up to 12mm
- GREEN
- Medium
- 20min/24hr
- -50°C to +150°C
- Low
- Wicking Gde

Anaerobic wicking (penetrating) grade threadlock compound for sealing porous welds & castings. Penetrating action allows to wick through thread paths & porous surfaces



3294

Compound

- Up to 12mm
- GREEN
- Medium
- 10min/24hr
- -50°C to +150°C
- High
- Wicking Gde

Anaerobic wicking (penetrating) grade, high temp threadlock compound for sealing porous welds & castings. Penetrating action allows to wick through thread paths & porous surfaces.

PRIMERLESS THREAD LOCKING COMPOUNDS



3440

Primerless

- Up to 25mm
- BLUE
- Medium
- 4min/24hr
- -50°C to +150°C
- Medium
- Primerless

Primerless medium strength fast curing threadlocker. Suitable for use on motor mounting bolts, rocker nuts and other applications that require disassembly with hand tools.



3760

Primerless

- Up to 25mm
- RED
- High
- 4min/24hr
- -50°C to +150°C
- High
- Primerless

Primerless high strength fast curing threadlocker. Suitable for use on bolts in transmissions, construction equipment and other heavy duty application.

RETAINING COMPOUNDS



3609

Compound

- Up to 12mm
- GREEN
- High
- 30min/24hr
- -55°C to +150°C
- Low
- up to 3000psi

Anaerobic low viscosity, high strength retaining compound that bonds rigid assemblies. Shear strength of 3000psi after 24hr cure time



3620

Compound

- Up to .010"
- GREEN
- High
- 30min/24hr
- -55°C to +200°C
- High
- High Strength

Anaerobic fast curing, high temp, resistant retaining compound with high shear strength. Suitable for cylindrical fitting parts. Bonds gaps up to 0.10".



3641

Compound

- Up to 0.020"
- YELLOW
- Medium
- 30min/24hr
- -55°C to +150°C
- Medium
- Disassembly able

Fast curing, controlled strength retaining compound that allows disassembly. 1800psi shear strength after 24hr cure. Ideal for cylindrical parts that require disassembly. Fills gaps up to .020".



3660

Compound

- Up to 0.50"
- SILVER
- High
- 10min/24hr
- -55°C to +150°C
- Paste
- Helps repair

High strength, fast curing, anaerobic retaining compound. Paste like consistency. Ideal for repairing keyways and worn machinery parts. Can fill gaps up to 0.50".



3680

Compound

- N/A
- GREEN
- High
- 10min/24hr
- -55°C to +150°C
- High
- Fast cure

High strength, high performance retaining compound for slip fitted parts. Best resistance to dynamic, axial and radial loads. Recommended for retaining shafts, gears, pulleys etc.

INSTANT ADHESIVES & EPOXY'S



3401 General Purpose

- Ethyl
- CLEAR
- Medium
- 15sec/24hr
- -50°C to +80°C
- Medium
- General purpose

Surface insensitive ethyl type A, medium viscosity general instant adhesive. Used for bonding porous materials and plastics, will bond wood, leather, fabric, ceramic and paper



3406 Rubber & Plastic

- Ethyl
- CLEAR
- High
- 15sec/24hr
- -50°C to +80°C
- Low
- Bonds plastics

Instant adhesive, surface insensitive ethyl type A, low viscosity elastomer and plastic bonder. Very fast cure for bonding most types of plastics and rubber.



3424 Fast Cure

- Ethyl
- CLEAR
- Medium
- 15sec/24hr
- -55°C to +90°C
- Medium
- Fast cure

General purpose fast curing ethyl instant adhesive. Ideal for difficult to bond materials such as rubber O-rings and rubber seals. Suitable for most plastics, elastomers and rubbers.



3454 Non-Drip Gel

- Ethyl
- CLEAR
- High
- 15sec/24hr
- -50°C to +80°C
- Gel
- Gel

Instant adhesive Gel. Non-sagging and non-running Gel which makes it suitable for vertical applications.



3480 Rubber Toughened

- Toughened Ethyl
- BLACK
- High
- 15sec/24hr
- -50°C to +100°C
- Medium
- Peel strength

Black rubber toughened instant adhesive. Used when high peel & impact resistance is required. Suitable for applications involving movement or vibration in the finished item.



3454 Future Glue

- Super Glue
- CLEAR
- High
- 15sec/24hr

New formula Future Glue bonds more surfaces than ever before. Now bonds porous or contaminated surfaces. For bonding and repairing most metals, plastics, trim & fabric.



SY-IN Epoxy

- Instant Setting
- LIGHT YELLOW
- High
- 90sec/24hr

Convenient, easy to use dual syringe epoxy. Permanently bonds a variety of materials in 90 SECONDS. No measuring required. Resists water, gasoline and shop solvents.



15212 Metal Epoxy

- Metal Epoxy
- LIGHT GREY
- High
- 6mins/24hr

Industrial strength fast setting metal epoxy. 4-6 mins positioning time, can be handled in 30 minutes. Can be drilled, tapped or filed after full cure.

SEALANTS & XS SEALANTS



XS10

Liquid Gasket

- Less than 0.5mm
- Rigid
- Formed in place
- High Chem Resist.
- -55°C to +200°C
- 2hrs
- Excellent

A red, single component anaerobic sealant. Easily applied, XS10 cures in the absence of air and forms a tough rigid gasket with excellent solvent & chemical resistance.



XS15

Gasket Sealant

- Less than 0.5mm
- Flexible
- Formed in place
- Easy Application
- -55°C to +150°C
- 30mins
- Excellent

A purple, single component anaerobic sealant. Easily applied. XS15 cures between the parts to form in place a tough flexible gasket giving an instant low pressure seal.



XS18

Flange Sealant

- Less than 0.5mm
- Rigid
- Formed in place
- High Chem Resist.
- -55°C to +200°C
- 2hrs
- Excellent

A red, single component anaerobic sealant. Easily applied, XS18 cures between the parts forming a tough, flexible gasket. Giving an instant low pressure seal.

● Gap Size ○ Flange Type ● Gasket Type ● Unique Feature ● Temp Range ● Low Pressure Seal ● Oil Resistance



XS67

Pipe Sealant

- Metal
- WHITE PASTE
- 76mm (3")
- Contains Teflon
- -55°C to +180°C
- Yes
- Low / Medium

A white anaerobic sealant containing Teflon. Seals instantly and is resistant to most chemicals. Suitable use on steel, alu, copper & brass. Removable with hand tools and prevents vibration loosening.



XS77

Pipe Sealant

- Metal
- YELLOW PASTE
- 76mm (3")
- Chemical Resistant
- -55°C to +180°C
- Yes
- Medium / High

A high pressure anaerobic pipe sealant, seals instantly and is resistant to most chemicals. Suitable use on steel, stainless steel, alu, copper & brass. Removable with hand tools.



3565

Pipe Sealant

- Metal
- WHITE PASTE
- 76mm (3")
- Contains Teflon
- -55°C to +180°C
- Yes
- Low / Medium

A controlled strength, high performance thread sealant containing Teflon, designed for the locking and sealing of metal threaded pipes & fittings. Certified to ANSI/NSF standard 61.



3542

Hydraulic Sealant

- Metal
- BROWN
- 25mm
- Fine Threads
- -55°C to +150°C
- Medium Viscosity
- Low / Medium

Fast cure medium strength thread sealant suitable for use with threads in hydraulic & pneumatic installations and connections which are up to 25mm in diameter.



3545

Hydraulic Sealant

- Metal
- PURPLE
- Up to 20mm
- Fast Curing
- -55°C to +150°C
- High
- Low / Medium

Anaerobic high viscosity, fast curing hydraulic sealant. Ideal for locking & sealing hydraulic & pneumatic pipes and fittings. Seals operating pressures up to 10,000psi



3569

Hydraulic Sealant

- Metal
- BROWN
- 20mm
- Medium Viscosity
- -55°C to +150°C
- Medium Viscosity
- Low / Medium

Anaerobic hydraulic sealant specifically designed for the locking and sealing of hydraulic & pneumatic parts, metal pipes and fittings. Seals operating pressures up to 10,000psi

● Pipe Threads ○ Colour ● Max Thread ● Unique Feature ● Temp Range ● Instant Low Pressure Seal ● Disassembly Strength

ANTI-SEIZE & ANTI-GALL



**Nickel
Anti-Seize**

Molytec Nickeltec Anti-Seize is a nickel based anti-seize compound. Developed to protect metal parts from corrosion, galling and seizing. They ease assembly & disassembly of slip fit and threaded joints. Formulated for severe environments, this product protects against high temperatures up to 1450°C
DOES NOT CONTAIN GRAPHITE



**Stainless Thread
Anti-Seize**

Molytec Molypaste Anti-Gall is a molybdenum disulphide and nickel based stainless thread lubricant. Molytec Molypaste is an anti-galling paste and anti-seizing compound that provides a low friction coating to prevent galling and heat freeze. Containing rust and corrosion inhibitors, it does not contain graphite, copper or lead.



**Copatec
Anti-Seize**

Molytec Copatec Anti-Seize is a copper based anti-seize compound. Developed to protect metal parts from corrosion, galling and seizing. Ideal for corrosive environments and extreme temperature conditions. Resistant to Acid, Alkali, Seawater, Water and Steam. Remains effective at surface temperatures up to 1100°C.

Nickel and Copatec also available in:



300g Aerosols



65g Tubes

SELF TAPPING SCREWS



Phillips Drive



Pozi Drive



Square Drive



Hex Drive



Torx Drive



Pan Head



Countersunk Head



Self Embedding Head



Undercut Head



Bugle Head



Wafer Head



Button Head



Pancake Head



Hex Head



Hex Head + Neo Washer



Self Tap



Self Drill



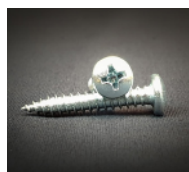
Self Drill Winged



T17



Extended Point
(Series 500)



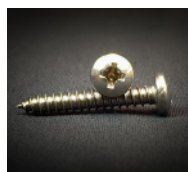
Self Tapping Screws

Pan Head

Zinc

Available in Phillips & Square drive

Gauge	Length in mm
4g	6, 10, 12, 16, 20, 25
6g	6, 10, 12, 16, 20, 25, 32, 38, 50
8g	10, 12, 16, 20, 25, 32, 38, 45, 50
10g	12, 16, 20, 25, 32, 38, 45, 50
12g	12, 20, 25, 32, 38, 50



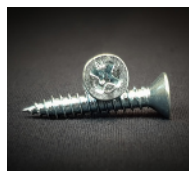
Self Tapping Screws

Pan Head

Stainless Steel

Available in Phillips & Square drive

Gauge	Length in mm
4g	6, 10, 12, 16, 20, 25
6g	10, 12, 16, 20, 25, 32, 38, 50
8g	10, 12, 16, 20, 25, 32, 38, 45, 50
10g	12, 16, 20, 25, 32, 38, 45, 50
12g	12, 20, 25, 32, 38, 50



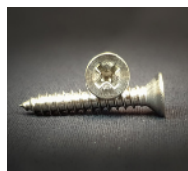
Self Tapping Screws

Countersunk Head

Zinc

Available in Phillips & Square drive

Gauge	Length in mm
4g	6, 10, 12, 16, 20, 25
6g	6, 10, 12, 16, 20, 25, 32, 38, 50
8g	10, 12, 16, 20, 25, 32, 38, 45, 50
10g	12, 16, 20, 25, 32, 38, 45, 50
12g	12, 20, 25, 32, 38, 50



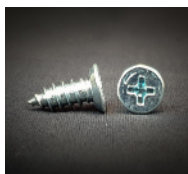
Self Tapping Screws

Countersunk Head

Stainless Steel

Available in Phillips & Square drive

Gauge	Length in mm
4g	6, 10, 12, 16, 20, 25
6g	6, 10, 12, 16, 20, 25, 32, 38, 50
8g	10, 12, 16, 20, 25, 32, 38, 45, 50
10g	12, 16, 20, 25, 32, 38, 45, 50
12g	12, 20, 25, 32, 38, 50

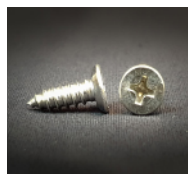


Self Tapping Screws Undercut Head

Zinc

Available in Phillips drive

Gauge	Length in mm
4g	6, 10, 12, 16, 20, 25
6g	6, 10, 12, 16, 20, 25, 32, 38, 50
8g	10, 12, 16, 20, 25, 32, 38, 45, 50
10g	12, 16, 20, 25, 32, 38, 45, 50
12g	12, 20, 25, 32, 38, 50



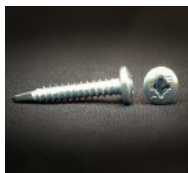
Self Tapping Screws Undercut Head

Stainless Steel

Available in Phillips drive

Gauge	Length in mm
4g	6, 10, 12, 16, 20, 25
6g	10, 12, 16, 20, 25, 32, 38, 50
8g	10, 12, 16, 20, 25, 32, 38, 45, 50
10g	12, 16, 20, 25, 32, 38, 45, 50
12g	12, 20, 25, 32, 38, 50

SELF DRILLING SCREWS

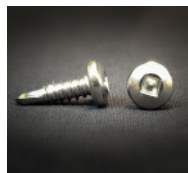


Self Drilling Screws Pan Head

Zinc & Gal*

Available in Phillips & Square drive

Gauge	Length in mm
6g	12
8g	12*, 16*, 20*, 25*, 32*
8g	12*, 16*, 20*, 25*, 32*

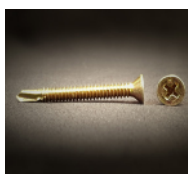


Self Drilling Screws Pan Head

Stainless Steel

Available in Phillips & Square drive

Gauge	Length in mm
6g	12, 16, 20, 25
8g	12, 16, 20, 25, 32, 38
10g	12, 16, 20, 25, 32, 38, 45, 50

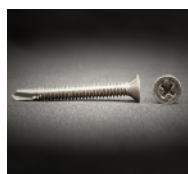


Self Drilling Screws Countersunk Head

Zinc & Gal*

Available in Phillips & Square drive

Gauge	Length in mm
6g	16, 20
8g	25*
10g	16, 20, 32*, 38*, 45, 50*, 65*

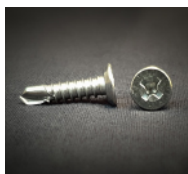


Self Drilling Screws Countersunk Head

Stainless Steel

Available in Phillips & Square drive

Gauge	Length in mm
6g	12, 16, 20, 25
8g	12, 16, 20, 25, 32, 38, 45, 50, 60
10g	12, 16, 20, 25, 32, 38, 45

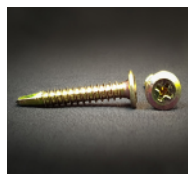


Self Tapping Screws Undercut Head

Stainless Steel

Available in Phillips drive

Gauge	Length in mm
8g	12, 20
10g	12, 20



Self Drilling Screws Wafer Head

Zinc & Gal*

Available in Phillips drive

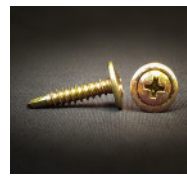
Gauge	Length in mm
8g	12*
10g	16*, 20*, 32*, 38*, 50*

*Also available in - *Gal



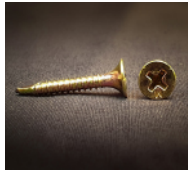
**Self Drilling Screws
Wafer Head
Stainless Steel**
Available in Phillips & Square drive

Gauge	Length in mm
8g	12
10g	16, 20, 32,



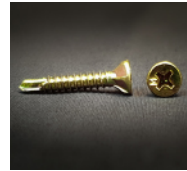
**Self Drilling Screws
Button Head
Zinc & Gal***
Available in Phillips drive

Gauge	Length in mm
8g	12*, 16*, 20*, 25*, 32*
10g	16*



**Self Drilling Screws
Bugle Head
Zinc & Gal***
Available in Phillips & Square drive

Gauge	Length in mm
6g	25*, 32*, 38*
8g	50, 65, 75



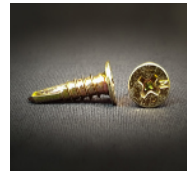
**Self Drilling Screws
Self Embedding Head
Zinc & Gal***
Available in Phillips drive

Gauge	Length in mm
6g	50
8g	32
10g	35, 40, 45, 50, 60, 70
12g	50
14g	65* only available in Gal*



**Winged Self Drilling Screws
Self Embedding Head
Zinc & Gal***
Available in Phillips & Square drive

Gauge	Length in mm
6g	50*
8g	32*
10g	32*, 38*, 45*, 50*, 60*, 70*
12g	50*, 60*
14g	65* only available in Gal*



**Self Drilling Screws
Pancake Head (Sneakies)
Zinc & Gal***
Available in Phillips drive

Gauge	Length in mm
8g	12, 16
10g	12, 16*



**Self Drilling Screws
Hex Head
Zinc & Gal**
1/4, 5/16 & 3/8 Drive

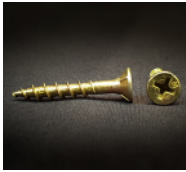
Gauge	Length in mm
8g	12, 20
10g	16, 20, 25
12g	20, 25, 30, 35, 45, 55, 65, 75
14g	20, 30, 42, 50, 65, 75, 90, 115, 135, 150, 175, 200



**Self Drilling Screws
Hex Head + Neoprene Washer
Gal**
1/4, 5/16 & 3/8 Drive

Gauge	Length in mm
8g	12, 20
10g	16, 20, 25
12g	20, 25, 30, 35, 45, 55, 65, 75
14g	20, 30, 42, 50, 65, 75, 90, 115, 135, 150, 175, 200

CHIPBOARD, BATTEN & DECKING SCREWS



Chipboard Screws
Countersunk Head
Zinc

Available in Phillips & Square drive

Gauge	Length in mm
6g	20, 25
8g	19, 22, 25, 28, 30, 32, 35, 38, 42, 45, 51, 57, 65, 75
10g	40, 50, 60, 65, 75, 100, 125



Treated Pine Screws
Countersunk Head
Gal

Available in Phillips & Square drive

Gauge	Length in mm
6g	20, 25
8g	19, 25, 28, 32, 35, 38, 42, 45, 51, 57, 65, 75
10g	40, 50, 60, 65, 75, 100, 125



Batten Screws, Type 17
Self Embedding Head
Gal & Stainless Steel*

Available in Hex drive

Gauge	Length in mm
12g	75, 100
14g	50*, 65*, 75*, 85, 100*, 125*, 150*



Batten Screws, Type 17 Knurling
Self Embedding Head
Gal & Zinc*

Available in Hex drive

Gauge	Length in mm
14g	50*, 65*, 75*, 85, 100*, 125, 150, 175, 200



Decking Screws, Type 17
Self Embedding Head
Stainless Steel & Gal*

Available in Phillips & Square drive

Gauge	Length in mm
10g	30*, 40*, 50*, 65*, 75*
12g	50, 65, 75, 100, 125



Multipurpose Type 17
Hex Head
Gal & Zinc*

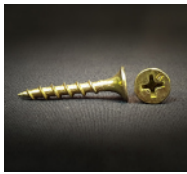
5/16 & 3/8 Drive

Gauge	Length in mm
10g	20*, 25*
12g	25*, 30, 35*, 40*, 45*, 50*, 65*, 75, 100
14g	25, 30, 50, 65*, 75, 90, 100*, 115, 125, 150, 200



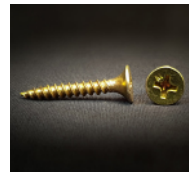
Macsim's Clever Tool is the ultimate all in one, pre-drilling and countersinking tool! Purpose built for decking and woodworking applications, especially where stainless steel screws are used. Its single drilling countersinking action saves time and ensures an even and professional finish.

DRYWALL & STITCHING SCREWS



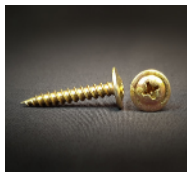
Drywall Screws
Bugle Head - Coarse Thread
Zinc
Available in Phillips drive

Gauge	Length in mm
6g	20, 25, 28, 32, 40
8g	65, 75



Drywall Screws
Bugle Head - Fine Thread
Zinc
Available in Phillips drive

Gauge	Length in mm
6g	20, 25, 28, 32, 35, 40, 45
8g	50, 65, 75



Stitching Screws
Button Head
Zinc & Gal*
Available in Phillips drive

Gauge	Length in mm
8g	12*, 16*, 20*, 25*, 32*



Cabinet Screws
Button Head (Zinc & White)
Zinc
Available in Phillips drive

Gauge	Length in mm
8g	25, 29
10g	60

ROOFING SCREWS

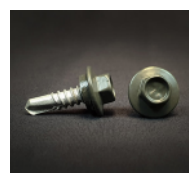
Powder Coating Colour Range

	Basalt®		Classic Cream™		Cottage Green®		Cove™
	Deep Ocean®		Dune®		Evening Haze®		Gully™
	Ironstone®		Jasper®		Mangrove®		Manor Red®
	Monument®		Night Sky®		Pale Eucalypt®		Paperbark®
	Shale Grey™		Surfmist®		Terrain®		Wallaby®
	Windspray®		Woodland Grey®				



Colorbond® Roofing Screws
Hex Head
Gal
Available in Hex drive

Gauge	Length in mm
10g	16
12g	20, 25, 50



Colorbond® Roofing Screws
Hex Head + Neoprene Washer
Gal
Available in Hex drive

Gauge	Length in mm
12g	16
14g	20, 25, 50

POP RIVETS



Aluminium Rivet Dome Head

Aluminium Head/Steel Mandrel

Code	Diameter	Length
AS3-02	2.4mm (3/32")	6.0mm
AS3-03	2.4mm (3/32")	8.0mm
AS3-04	2.4mm (3/32")	9.0mm

AS4-01 *	3.2mm (1/8")	4.5mm
AS4-02 **	3.2mm (1/8")	6.2mm
AS4-03 **	3.2mm (1/8")	7.8mm
AS4-04 **	3.2mm (1/8")	9.4mm
AS4-05 **	3.2mm (1/8")	10.9mm
AS4-06 **	3.2mm (1/8")	12.5mm
AS4-08 **	3.2mm (1/8")	16.0mm
AS4-10	3.2mm (1/8")	19.0mm
AS4-12	3.2mm (1/8")	23.5mm

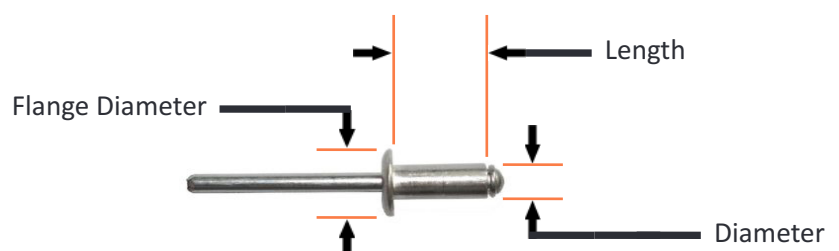
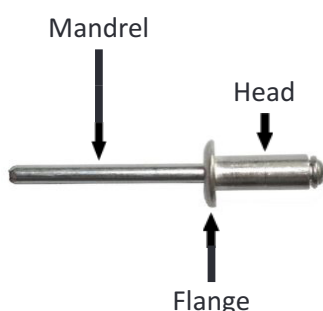
AS5-01 *	4.0mm (5/32")	5.5mm
AS5-02 **	4.0mm (5/32")	6.8mm
AS5-03 **	4.0mm (5/32")	8.4mm
AS5-04 **	4.0mm (5/32")	10.0mm
AS5-05 **	4.0mm (5/32")	11.9mm
AS5-06 **	4.0mm (5/32")	13.0mm
AS5-08 **	4.0mm (5/32")	16.5mm
AS5-10 *	4.0mm (5/32")	20.0mm
AS5-12	4.0mm (5/32")	24.0mm

Also Available in:

- * - Stainless Steel Head/Stainless Steel Mandrel
- * - Aluminium Head/Aluminium Mandrel

AS6-01	4.8mm (3/16")	6.5mm
AS6-02 **	4.8mm (3/16")	7.5mm
AS6-03 *	4.8mm (3/16")	9.0mm
AS6-04 **	4.8mm (3/16")	10.5mm
AS6-05 *	4.8mm (3/16")	12.7mm
AS6-06 **	4.8mm (3/16")	13.8mm
AS6-08 **	4.8mm (3/16")	17.5mm
AS6-10 **	4.8mm (3/16")	20.5mm
AS6-12 **	4.8mm (3/16")	23.5mm
AS6-14 *	4.8mm (3/16")	27.0mm
AS6-16 *	4.8mm (3/16")	30.0mm
AS6-20	4.8mm (3/16")	35.0mm
AS6-22	4.8mm (3/16")	40mm

AS8-02	6.4mm (1/4")	8.7mm
AS8-04 *	6.4mm (1/4")	11.9mm
AS8-05	6.4mm (1/4")	14.0mm
AS8-06 *	6.4mm (1/4")	15.0mm
AS8-08 *	6.4mm (1/4")	18.5mm
AS8-10 *	6.4mm (1/4")	21.9mm
AS8-12 *	6.4mm (1/4")	25.0mm
AS8-14	6.4mm (1/4")	28.3mm
AS8-16	6.4mm (1/4")	31.4mm



POP RIVETS



Aluminium Rivet Countersunk Head

Aluminium Head/Steel Mandrel

Code	Diameter	Length
AS4-02 *	3.2mm (1/8")	6.2mm
AS4-03 *	3.2mm (1/8")	7.8mm
AS4-04 *	3.2mm (1/8")	9.4mm
AS4-05	3.2mm (1/8")	10.9mm
AS4-06 *	3.2mm (1/8")	12.5mm
AS4-08	3.2mm (1/8")	16.0mm

AS5-02 *	4.0mm (5/32")	7.0mm
AS5-03 *	4.0mm (5/32")	8.4mm
AS5-04 *	4.0mm (5/32")	10.0mm
AS5-05	4.0mm (5/32")	12.0mm
AS5-06 *	4.0mm (5/32")	13.0mm



Aluminium Rivet Large Flange Head

Aluminium Head/Steel Mandrel

Code	Diameter	Length	Head Dia.
ASL4-02	3.2mm (1/8")	6.2mm	9.5mm
ASL4-03	3.2mm (1/8")	7.8mm	9.5mm
ASL4-04	3.2mm (1/8")	9.4mm	9.5mm
ASL4-05	3.2mm (1/8")	10.9mm	9.5mm
ASL4-06	3.2mm (1/8")	12.5mm	9.5mm
ASL4-08	3.2mm (1/8")	16.0mm	9.5mm

ASL5-02	4.0mm (5/32")	6.8mm	12.0mm
ASL5-03	4.0mm (5/32")	8.4mm	12.0mm
ASL5-04	4.0mm (5/32")	10.0mm	12.0mm
ASL5-06	4.0mm (5/32")	13.0mm	12.0mm
ASL5-08	4.0mm (5/32")	16.5mm	12.0mm

Also Available in:

* - Stainless Steel Head/Stainless Steel Mandrel

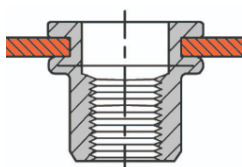
AS6-02	4.8mm (3/16")	8.5mm
AS6-03	4.8mm (3/16")	9.0mm
AS6-04 *	4.8mm (3/16")	10.5mm
AS6-05	4.8mm (3/16")	12.5mm
AS6-06 *	4.8mm (3/16")	13.8mm
AS6-08 *	4.8mm (3/16")	17.5mm
AS6-10 *	4.8mm (3/16")	20.5mm
AS6-12	4.8mm (3/16")	23.5mm
AS6-14	4.8mm (3/16")	27.0mm
AS6-16	4.8mm (3/16")	31.0mm

AS8-06	6.4mm (1/4")	16.0mm
AS8-10 *	6.4mm (1/4")	21.9mm
AS8-14	6.4mm (1/4")	29.0mm

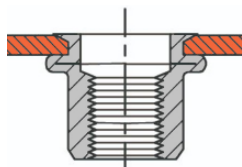
ASL6-03	4.8mm (3/16")	9.0mm	16.0mm
ASL6-04	4.8mm (3/16")	10.5mm	16.0mm
ASL6-05	4.8mm (3/16")	12.5mm	16.0mm
ASL6-06	4.8mm (3/16")	13.8mm	16.0mm
ASL6-08	4.8mm (3/16")	17.5mm	16.0mm
ASL6-10	4.8mm (3/16")	20.5mm	16.0mm
ASL6-12	4.8mm (3/16")	24.0mm	16.0mm
ASL6-14	4.8mm (3/16")	27.0mm	16.0mm

RIVNUTS

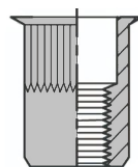
Large Flange Rivnut



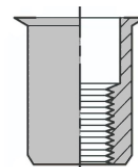
Low Profile Rivnut



Splined Rivnut



Non-Splined Rivnut



**Large Flange Rivnut
Splined**

Available in: Zinc & Stainless Steel

Insert Size	Body Diameter	Head Diameter
M4	5.9mm	9.0mm
M5	6.9mm	10.0mm
M6	8.9mm	13.0mm
M8	10.9mm	16.0mm
M10	12.9mm	19.0mm



**Large Flange Rivnut
Non-Splined**

Available in: Zinc & Stainless Steel

Insert Size	Body Diameter	Head Diameter
M4	5.9mm	9.0mm
M5	6.9mm	10.0mm
M6	8.9mm	13.0mm
M8	10.9mm	16.0mm
M10	12.9mm	19.0mm



**Low Profile Rivnut
Splined**

Available in: Zinc & Stainless Steel

Insert Size	Body Diameter	Head Diameter
M4	5.9mm	6.8mm
M5	6.9mm	7.9mm
M6	8.9mm	10.4mm
M8	10.9mm	11.4mm
M10	12.9mm	15.4mm



**Low Profile Rivnut
Non-Splined**

Available in: Zinc & Stainless Steel

Insert Size	Body Diameter	Head Diameter
M4	5.9mm	6.8mm
M5	6.9mm	7.9mm
M6	8.9mm	10.4mm
M8	10.9mm	11.4mm
M10	12.9mm	15.4mm

DRILL BITS

Alpha

MACSIM®



HSS Drill Bit

From **1.0mm** to **13.5mm**
(In 0.1mm increments)

From **No:40** to **No:7**

From **1/64"** to **1/2"**

Available in Cobalt upon request



HSS Drill Bit - Double Ended

Available sizes: **1/8"**, **No:30**, **No:20** & **No:11**

Available in Cobalt upon request



HSS Drill Bit - Long

From **2.0mm** to **13.0mm**
(In 5mm increments)

From **5/64"** to **1/2"**



HSS Drill Bit - Reduced Shank

From **10.5mm** to **32.0mm**
(In 5mm increments)

From **13/32"** to **1 1/4"**

10.0mm and 12.7mm Shanks



HSS Step Drill Bit

4mm to **20mm**
(In 2mm increments)

8mm Hex Shank



HSS Step Drill Bit

6mm to **30mm**
(In 2mm increments)

10mm Hex Shank



HSS Step Drill Bit - Fluted

4mm to **20mm**
(In 2mm increments)

1/4" Hex Shank



HSS Step Drill Bit - Fluted

6mm to **30mm**
(In 2mm increments)

1/4" Hex Shank



Glass & Tile Drill Bit

Available sizes: **3mm**, **4mm**, **5mm**, **6mm**, **6.5mm**, **8mm**, **10mm** and **12mm**

Premium Tungsten Carbide quad tip for faster and superior drilling.



Diamond Tip Drill Bit

Available sizes: **5mm**, **6mm**, **6.5mm**, **8mm**, **10mm**, **12mm**, **15mm**, **20mm**, **25mm**, **30mm** and **35mm**

Sizes 6mm - 12mm have a wax core for aiding in cooling and lubrication.



Masonry Drill Bit

Various sizes ranging from **3mm** to **20mm**

Suitable for rotary and impact drills with a standard jaw chuck



Masonry Drill Bit - SDS Shank

Various sizes ranging from **5mm** to **52mm**

Only suitable for SDS rotary hammer drills



Small Holesaw Arber

Suits holesaws from **14mm to 30mm**.

11/32" quick change shank to suit 10mm chuck.



Large Holesaw Arber

Suits holesaws from **32mm to 250mm**.

7/16" hex shank to suit 13mm chuck.



Bi-Metal Holesaw

Sizes from **14mm to 250mm**.
(In varying increments)

Engineered for heavy duty industrial applications and smooth accurate cuts.



Countersinking Drill - 3 Flute

Available sizes: **6.3mm, 8.3mm, 10.4mm, 12.4mm, 16.5mm, 20.5mm, 25mm, 30mm and 40mm**.

Better suited to machine use over powerdrill.



Countersinking Drill - 5 Flute

Available sizes: **8mm, 12mm, 16mm and 20mm**.

Better suited to powerdrill use over machine work.



Countersinking Drill - Crosshole

Available sizes: **10mm, 14mm, 21.5mm, 28mm, 35mm and 44mm**.

Better suited to powerdrill use over machine work.



Macsim Clever Tool

Available sizes: **8g, 10g, 12g and 14g**.

All in one, pre-drilling and countersinking tool.

*Replacement pilot drill bits available.



Spade Drill Bit

Sizes from **6mm to 40mm**.
(In varying increments)

Non-slip 1/4" quick change shank.



Metric Drill Kit

Kit sizes available:
13pc, 19pc, 25pc, 85pc, and 100pc

Both slim kits and tough boxes available for **most** sizes.



Imperial Drill Kit

Kit sizes available:
13pc, 21pc and 29pc

Both slim kits and tough boxes available for **most** sizes.



Holesaw Drill Kit

Kit sizes available:
11pc, 13pc, 16pc, 19pc and 21pc

Various sizes per kit, give us a call for more information.



Spade Drill Kit

8pc kit featuring a 10mm, 12mm, 16mm, 20mm, 22mm, 25mm and 32mm spade bit and 1x 150mm QR extension.

DRIVER BITS



Phillips Driver Bit

Available sizes: **PH1, PH2 and PH3.**

Available lengths: 25mm, 50mm, 75mm, 100mm and 150mm.

Most sizes available as an Impact Driver bit.



Pozi Driver Bit

Available sizes: **PZ1, PZ2 and PZ3.**

Available lengths: 50mm, 75mm, 90mm and 150mm.

Most sizes available as an Impact Driver bit.



Square Driver Bit

Available sizes: **SQ1, SQ2 and SQ3.**

Available lengths: 50mm, 75mm, 100mm and 150mm.

Most sizes available as an Impact Driver bit.



Hex Driver Bit

Available sizes: **HEX2, HEX2.5, HEX3, HEX4, HEX5, HEX6, HEX8 and HEX10.**

Available lengths: 25mm and 50mm
HEX5 & HEX6 also available in 150mm.

Some sizes available as an Impact Driver bit.



Torx Driver Bit

Available sizes: **T10, T15, T20, T25, T30 and T40.**

Available lengths: 25mm, 50mm and 75mm. T30 also available in 100mm

Most sizes available as an Impact Driver bit.



Nutsetter Driver Bit

Available sizes: **1/4", 5/16" and 3/8"**

Available lengths: 42mm, 65mm and 100mm.

5/16" also available in 150mm, 200mm and 300mm.



Hex to Socket Adapter

Available in **1/4", 3/8" and 1/2"** socket.

Available lengths:
1/4" - 75mm, 100mm and 150mm.

3/8" & 1/2" - 75mm.



Magnetic Bit Holder

Available in **1/4"**

Available lengths: 55mm, 75mm, 150mm and 300mm.



Quick Release Bit Holder

Available in **1/4"**

Available lengths: 65mm and 150mm.

Spring loaded quick release.



Pentaforce Security Driver Bit

Available sizes: **PFD-1B, PFD-2B and PFD-3B.**

Only available in a 50mm length.

***Must register your business or be registered to purchase this security bit.**



Resytork Driver Bit

Available sizes: **T10, T15, T20, T25, T30 and T40.**

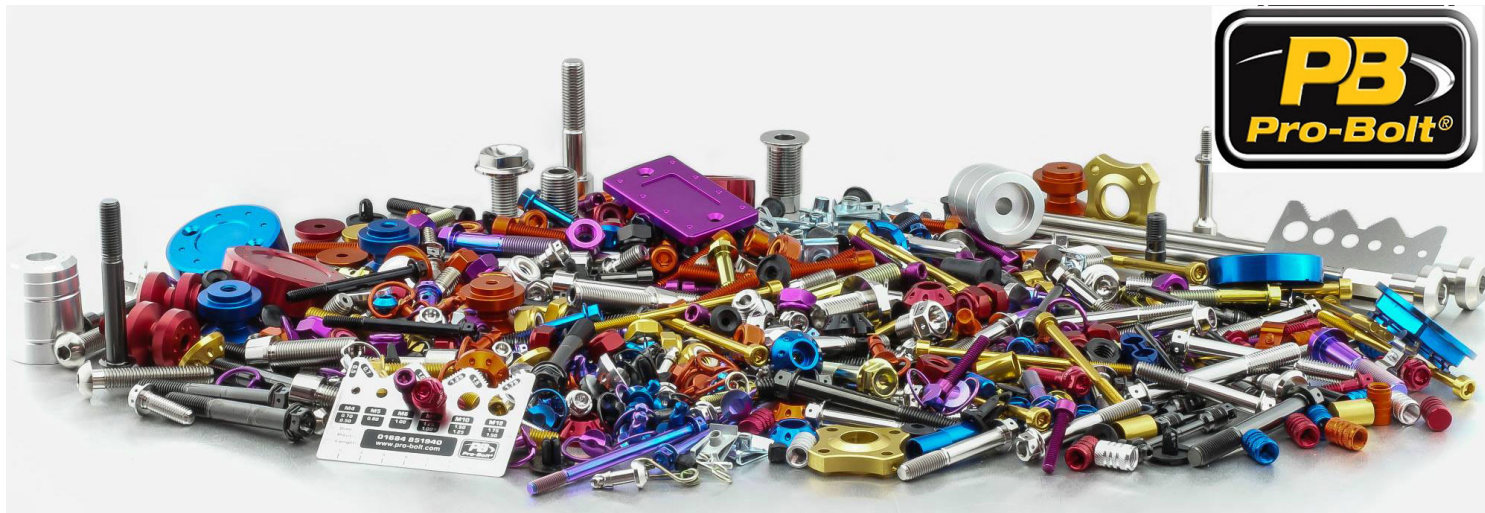
Available lengths: 25mm, 50mm and 75mm.



Hex Security Driver Bit

Available sizes: **HEX2, HEX2.5, HEX3, HEX4, HEX5 and HEX6.**

Only available in a 25mm length.



Pro-Bolt - Whether you're looking to rebuild a bike, reduce unsprung weight on a track day bike or customise your Streetfighter, Sports Bike, Superbike or Offroadier we can support your project. As well as supplying fasteners to individual riders we supply race teams in MotoGP™, Moto2™ & Moto3™. Outside the paddocks Pro-Bolt fasteners are used on racing yachts, Formula1 cars and drones and also by specialist car manufacturers, the aerospace and sub-marine sectors. Our products are available in Aluminium, Stainless Steel and Titanium with each material offering its own benefits and strengths, depending on the application.

STAINLESS

Our stainless steel range of products is manufactured from 316 Stainless Steel, a premium quality product which offers superior strength and corrosion resistance.

Pro-Bolt were first to provide Tapered Socket Caps, Flanged Hex Heads and Domed/Mushroom Fairing Bolts. We are offering a quality grade material in unique head styles – and to a polished mirror finish. Absolutely no polishing is required.

Please note that not all Stainless Steel is suitable for stress areas. However, our 316 Stainless Steel is suitable for Engine Casings, Fairings, Screens, Front Axle Pinch Bolts, Caliper Pinch Bolts, Caliper Mount Bolts, Footrest Hanger Bolts, Clip-On Handle Bar Bolts, Brake/Clutch Pinch Perch Bolts, Top/Bottom Yoke Clamp Bolts. Also available are 1/4 Turn D-Ring Quick Release Fasteners, 1/4 Turn Allen Key Drive Quick Release Fasteners, Brake Caliper Pad Pins, Axle Nuts, Banjo Bolts, Bleed Nipples and Motorcycle Disc Rotor Bolts.

■ **Material specification:** 316 Stainless Steel.

■ **Manufacturing process:** We manufacture in a single process on multi axis CNC machining centres, which includes thread rolling. Thread standards are to BS3692:1967 which is the British Standard for ISO Precision Metric Threads. Root radii vary between 0.8mm and 0.4mm. This is the maximum that we can use and improves shear strength. Thread lead varies between K1 and K2.

■ **Material:** Stainless Steels are iron alloys with a minimum of 10.5% Chromium with other elements (Nickel, Molybdenum, Titanium, Copper, Carbon, Nitrogen) added to enhance properties such as formability and strength. It is the chromium-rich, oxide film that gives the corrosion resistance of Stainless Steel. This protective film is strong and chemically stable (i.e. passive) where there is sufficient oxygen on the surface. This protection is extremely thin and will usually self-repair

Available Colours:

*In a high polish stainless finish



SILVER



GOLD



BLACK

if sufficient oxygen is available. Please note: Under certain conditions the passive state can be broken down and corrosion can result.

■ **Heat Resistance:** 316 has good resistance to oxidation in continuous service to 870°C and intermittent service to 925°C. However, continuous use at 425-860°C is not recommended due to its resistance to carbide precipitation. Where high strength is required at temperatures above 500°C, Grade 316H is recommended.

MATERIAL PROPERTIES

- Density: 8030 kg/m³ (501lb/ft³)
- Young's Modulus: 193GPa (28 x 10⁶psi)
- Yield Strength: 260MPa (37.7 x 10³psi)
- Ultimate Tensile Strength: 570MPa (82.7 x 10³psi)
- Compressive Strength: 260MPa (37.7 x 10³psi)
- Shear Modulus: 78GPa (11.3 x 10⁶psi)
- Ductility: 40% elongation at break +
- Minimum value allowed by ASTM A240
- Poisson's Ratio: 0.27
- Hardness: 95 Rockwell B +
- Maximum value allowed by ASTM A240
- Strength-to-Weight Ratio: 32.4kNm/kg
- Stiffness-to-Weight Ratio: 24 M Nm/kg

Thread Diameter	Material Tensile Stress Area (mm ²)	Max Load (kN)	Total Elongation (mm)
6mm	20.1	16.40	1.93
8mm	36.6	29.15	2.85
10mm	58.0	46.89	3.70

ALUMINIUM

Available Colours:



Lightweight, colour consistent, and machined to a high quality smooth finish, our ever increasing aluminium range allows you to create a unique look and style.

You can customise your project little by little, or make large-scale changes. We offer model specific kits for Motorcycles, Cycle Sets and Rocker Cover Kits. All our fasteners are available in a choice of Black, Blue, Gold, Orange, Purple, Red and Silver.

- **Material Specification:** 70756T6 Aluminium.
- **Manufacturing process:** Head: cold formed; Shank: thread rolled.
- **Anodising:** Chemically brightened and colour anodised to between 8 and 12 microns thick.
- **Weight:** 60% lighter than steel – 40% lighter than Titanium.
- **Corrosion:** Saltwater, road film or mild acids do not affect anodised aluminium
- **Application:** Aluminium is suitable for use in all non-safety critical areas – mudguards, screens, fairings, engine casings, huggers, fuel caps, number plates, lamp units, exhaust cans, heel plates, exhaust manifold brackets, fuel cap surround, air filter, car rocker covers, plus many more. Aluminium is not suitable for any stress area applications. If you are in any doubt as to the suitability of our products for your machine, or the size you need, please contact Pro-Bolt directly.

MATERIAL PROPERTIES

- Density: 2730 kg/m³ (170lb/ft³)
- Young's Modulus: 72GPa (10.4 x 10⁶psi)
- Yield Strength: 505MPa (73.2 x 10³psi)
- Ultimate Tensile Strength: 570MPa (82.7 x 10³psi)
- Compressive Strength: 505MPa (73.2 x 10³psi)
- Shear Modulus: 27GPa (3.92 x 10⁶psi)
- Shear Strength: 330MPa (47.9 x 10³psi)
- Ductility: 10% elongation at break
- Poisson's Ratio: 0.33
- Hardness: 150 Brinell
- Strength-to-Weight Ratio: 185 kNm/kg
- Stiffness-to-Weight Ratio: 26.4 MNm/kg

Thread Diameter	Material Tensile Stress Area (mm ²)	Max Load (kN)	Total Elongation (mm)
6mm	20.1	11.58	0.56
8mm	36.6	23.19	0.62
10mm	58.0	39.17	1.05

TITANIUM

Available Colours:



Made from aircraft grade Titanium 6AL-4V (grade 5), our titanium bolts have a tensile strength in excess of 120,000psi, suitable for replacing both Grade 5 and Grade 8 steel bolts. In addition, we roll the threads to produce greater fatigue strength and reduce galling.

We carry the UK's widest range of products for the automotive industry, among others. We offer Flanged Hex Head, Tapered Socket Cap, Countersunk, and Dome Head Bolts, Nuts and Washers – from 3mm to 12mm. We also offer Axle Nuts, Swingarm Nuts, Yoke Nuts, Caliper Pins, Banjo Bolts, Disc Bolts and many more specifically machined items. All our Titanium nuts, bolts, washers and specially machined items are available in natural, blue, gold and purple haze, with the exception of our Race-Spec range which has a factory finish.

- **Material specification:** Ti-6Al-4V, an alloy introduced in 1954, is a good general purpose grade. Titanium alloy is available in all product forms. Its density is 0.160 pounds per cubic inch. It can be heat-treated to ultimate strengths in excess of 170,000psi and responds to heat treatment in sections up to 15mm. This alloy is stable at temperatures ranging from 423°F to over 1000°F.
- **Manufacturing process:** We manufacture in a single process on multi axis CNC machining centres, which includes thread rolling. Thread standards are to BS3692:1967 which is the British Standard for ISO Precision Metric Threads. Root radii vary between 0.8mm and 0.4mm. This is the maximum that we can use and improves shear strength. Thread lead varies between K1 and K2.
- **Weight:** 42% lighter than steel.
- **Other Items:** Machined from bar.

MATERIAL PROPERTIES

- Density: 4420 kg/m³ (276lb/ft³)
- Young's Modulus: 110GPa (16 x 10⁶psi)
- Yield Strength: 828 MPa (120 x 10³psi)
- Ultimate Tensile Strength: 1030MPa (149 x 10³psi)
- Compressive Strength: 960MPa (139 x 10³psi)
- Shear Modulus: 43GPa (6.24 x 10⁶psi)
- Ductility: 10% elongation at break
- Poisson's Ratio: 0.34
- Hardness: 36 Rockwell C
- Maximum value allowed by ASTM A240
- Strength-to-Weight Ratio 187kNm/kg
- Stiffness-to-Weight Ratio 24.9MNm/kg

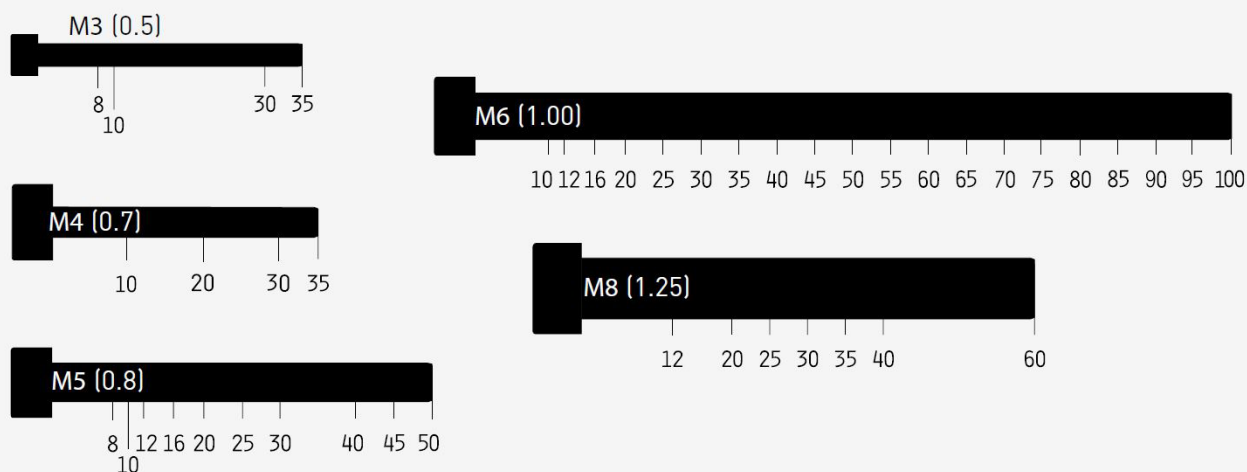
Thread Diameter	Material Tensile Stress Area (mm ²)	Max Load (kN)	Total Elongation (mm)
6mm	20.1	21.25	0.54
8mm	36.6	36.78	0.48
10mm	58.0	53.53	1.45

TORQUE & LUBRICATION

When individual bolts are purchased, torque guides vary depending on the material, manufacturing method, thread diameter, pitch and head style. This torque information can be supplied on request, or is in the 'Materials Information' on our www.probolt-technical.com website, or can be downloaded from www.probolt.com in a separate document entitled 'Material Specification'.

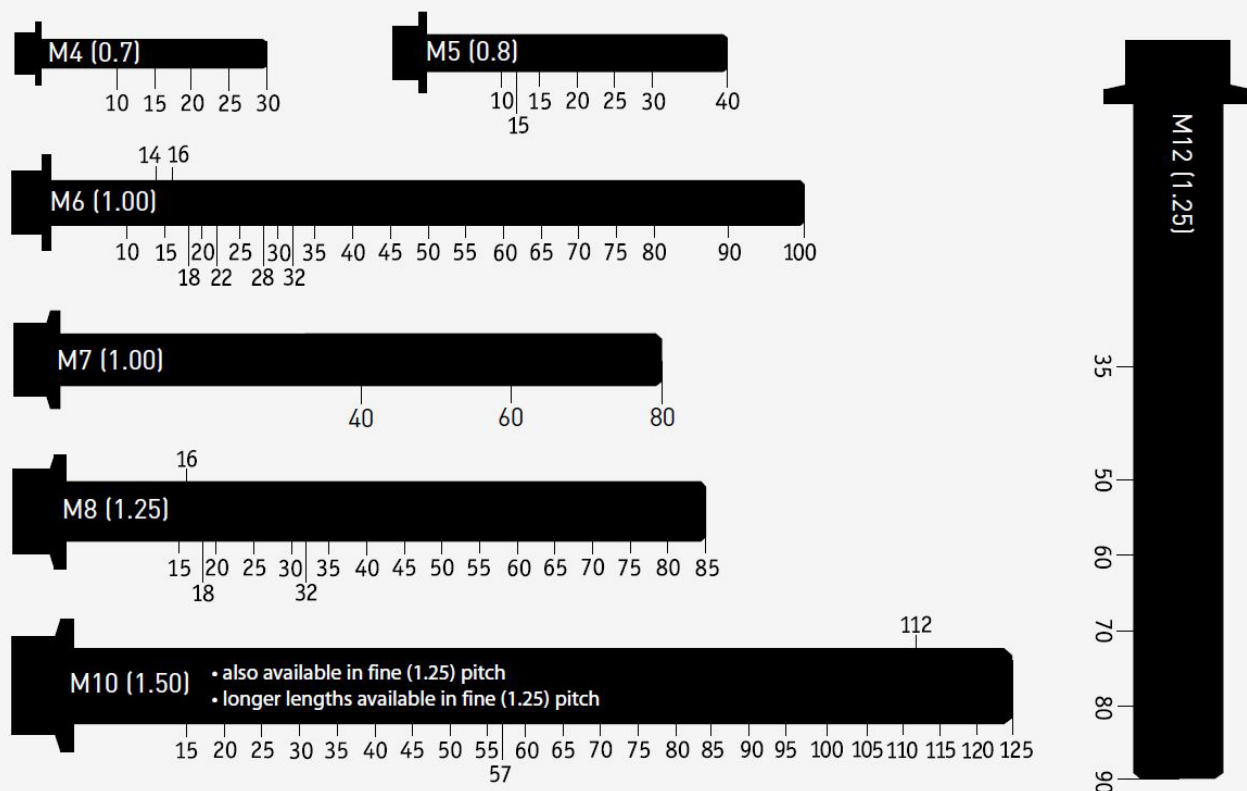
For fasteners in general use, we recommend an anti-seize or a copper based lubricant be applied to the threads in order to prevent galling, the exception being bleed nipples and banjo bolts which should be fitted dry. For bolts in safety critical areas, we would recommend a medium strength threadlock. If you are in any doubt as to the suitability or torque settings of our products for your specific application, please do not hesitate to contact us prior to fitment.

Standard Allen Key Socket Cap Bolts

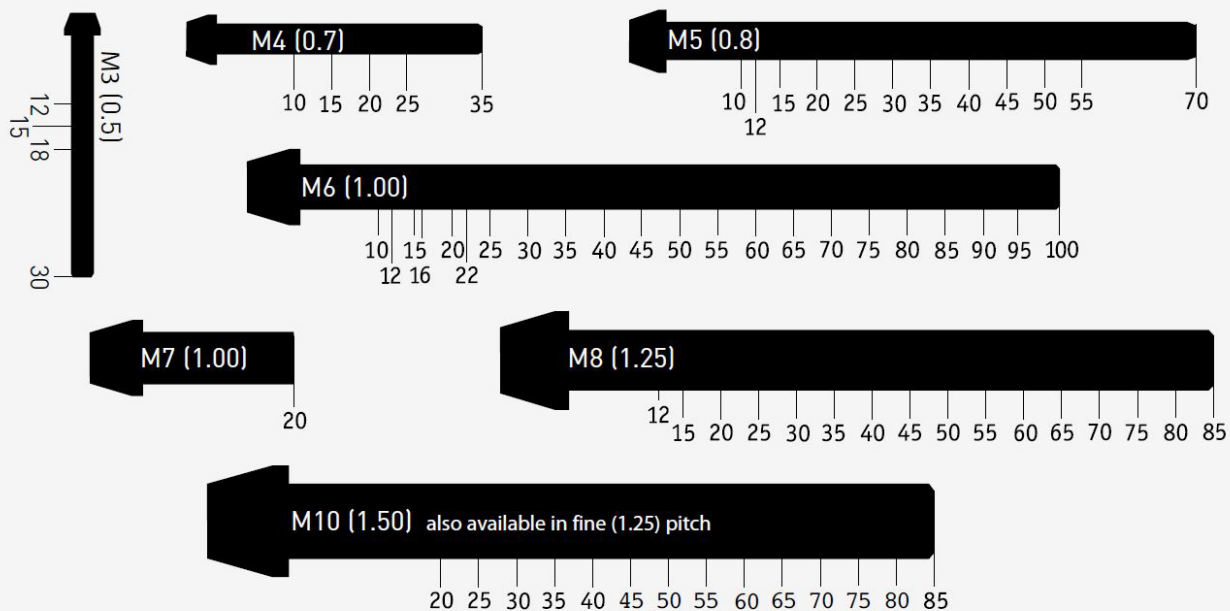


Flanged Hex Head Bolts

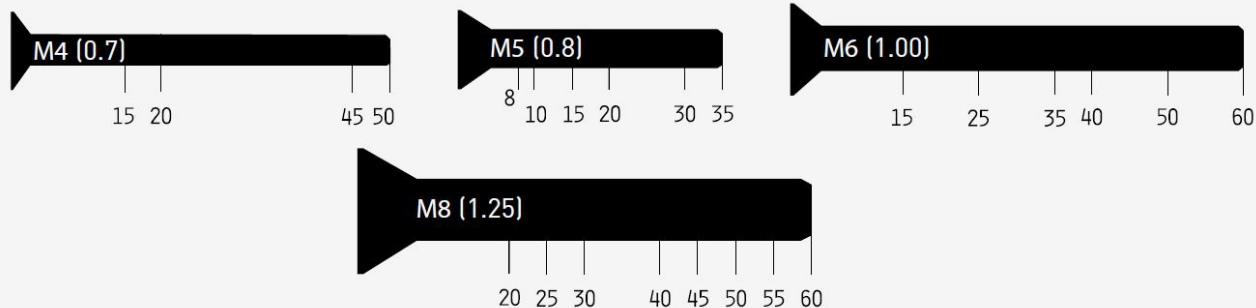
[These profiles also apply to Hex-Head Bolts from our DIN/ISO range, but without the captive washer]



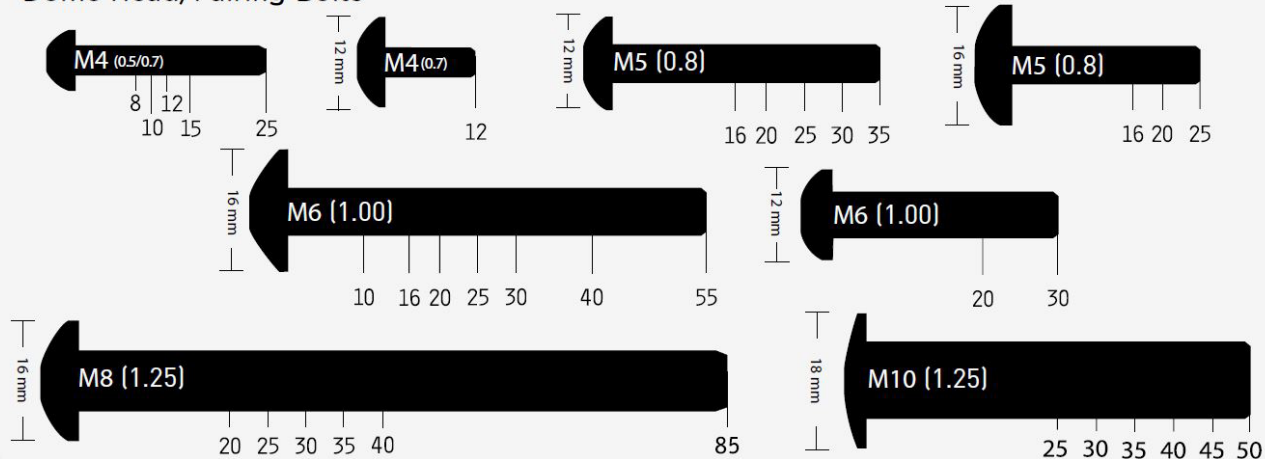
Tapered Socket Cap Bolts



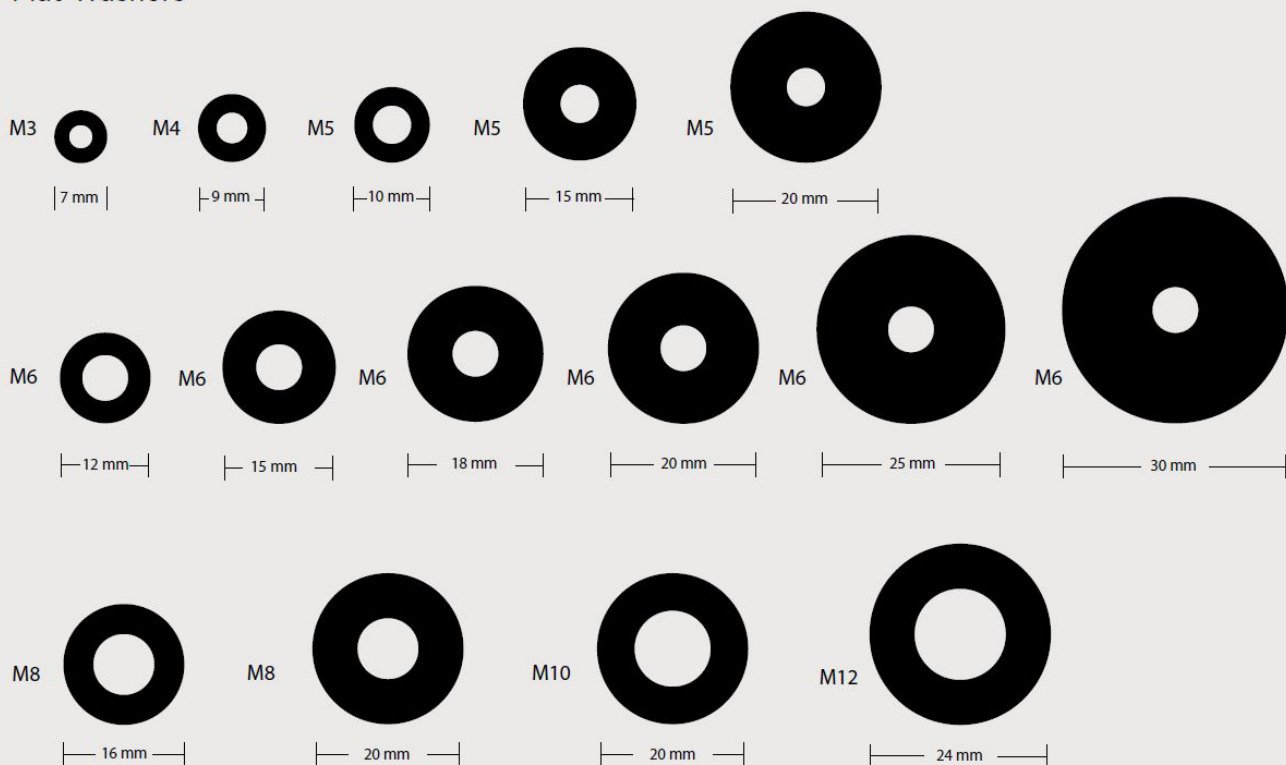
Countersunk Bolts



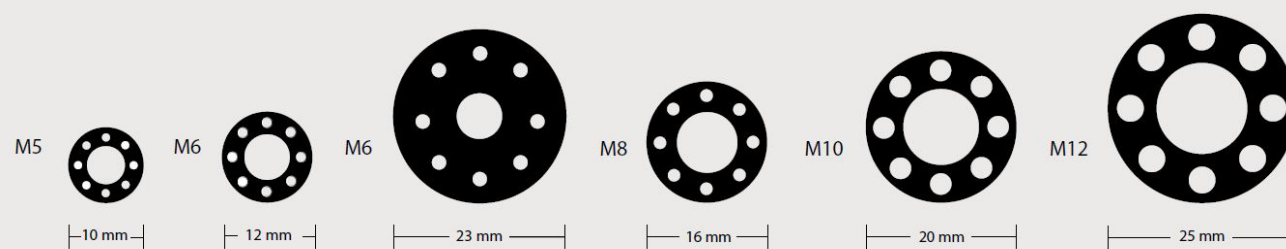
Dome Head/Fairing Bolts



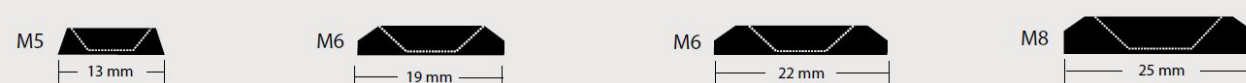
Flat Washers



Drilled Washers



Countersunk Bodywork Washers



** in "Part Number" denotes length to be selected.

Tapered Socket Cap

Part Number	Thread Diameter/Pitch	Allen Key Drive	Max Head Diameter	Lengths Available
LSSSC5**	M5 x 0.8mm	4mm	7.9mm	10mm, 12mm, 15mm, 20mm, 25mm, 30mm
LSSSC6**	M6 x 1.00mm	5mm	9.9mm	10mm, 12mm, 15mm, 20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm
LSSSC8**	M8 x 1.25mm	6mm	12.4mm	15mm, 20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm,
LSSSC10**	M10 x 1.50mm	8mm	15.8mm	20mm, 25mm
LSSSC10**F	M10 x 1.25mm	8mm	15.8mm	20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm

Flanged Hex Head

Part Number	Thread Diameter/Pitch	Socket Size	Max Head Diameter	Lengths Available
LSSHX5**	M5 x 0.8mm	7mm	9.9mm	10mm, 12mm, 15mm, 20mm, 25mm, 30mm, 35mm
LSSHX6**	M6 x 1.00mm	8mm	11.9mm	10mm, 12mm, 15mm, 20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm
LSSHX8**	M8 x 1.25mm	12mm	15.8mm	15mm, 20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm
LSSHX10** F	M10 x 1.25mm	13mm	17.8mm	20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 52mm, 55mm, 57mm, 60mm, 65mm, 70mm, 75mm, 80mm, 128mm

Countersunk Bolts

(Length measured includes the head)

Part Number	Thread Diameter/Pitch	Allen Key Drive	Max Head Diameter	Lengths Available
LSSCS5**	M5 x 0.8mm	3mm	10.0mm	13mm, 15mm, 20mm, 25mm, 30mm
LSSCS6**	M6 x 1.00mm	4mm	12.0mm	15mm, 25mm, 30mm, 35mm, 40mm, 60mm
LSSCS8**	M8 x 1.25mm	5mm	15.7mm	30mm, 40mm
LSSCS12	M12 x 1.50mm	8mm	24.0mm	65mm

Parallel Head Bolts

Part Number	Thread Diameter/Pitch	Allen key size	Max Head Diameter	Lengths Available
LSSPB5**	M5 x 0.8mm	4mm	8.0mm	8mm, 10mm, 12mm, 16mm, 20mm, 25mm, 30mm
LSSPB6**	M6 x 1.00mm	5mm	10.0mm	10mm, 12mm, 16mm, 20mm
LSSPB8**	M8 x 1.25mm	6mm	12.5mm	40mm, 45mm
LSSPB10**	M10 x 1.25mm	8mm	25mm	60mm



Dome Head/Fairing Bolts

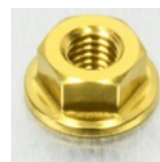
Part Number	Thread Diameter/Pitch	Allen Key Drive	Max Head Diameter	Lengths Available
LSSFB412F	M4 (0.50)	2.5mm	8mm	12mm
LSSFB5**	M5 (0.8)	4mm	12mm	12mm, 16mm, 20mm, 25mm
LSSFB516XL	M5 (0.8)	4mm	16mm	16mm
LSSFB6**	M6 (1.00)	5mm	16mm	10mm, 16mm, 20mm, 25mm, 30mm, 35mm, 40mm
LSSFB6**XS	M6 (1.00)	5mm	12mm	16mm, 20mm, 30mm
LSSFB8**	M8 (1.25)	5mm	16mm	20mm, 25mm, 30mm, 35mm, 40mm
LSSFB10**F	M10 (1.25)	6mm	18mm	25mm, 30mm, 35mm



Nuts

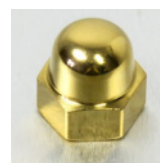
Flanged Nuts

Part Number	Thread/Pitch	Socket Size
LSSFLN5	M5 x 0.8mm	8mm
LSSFLN6	M6 x 1.00mm	10mm
LSSFLN8	M8 x 1.25mm	12mm
LSSFLN10	M10 x 1.50mm	14mm
LSSFLN10F	M10 x 1.25mm	14mm
LSSFLN10FF	M10 x 1.00mm	14mm
LSSFLN12F	M12 x 1.50mm	15mm
LSSFLN12FF	M12 x 1.25mm	15mm



Dome Nuts

Part Number	Thread/Pitch	Socket Size
LSSDOMENUT6	M6 x 1.00mm	10mm
LSSDOMENUT8	M8 x 1.25mm	13mm
LSSDOMENUT10F	M10 x 1.25mm	17mm



Washers

Flat Washers

Part Number	Inside Diameter	Outside Diameter	Thickness
LSSWA6	6mm	12mm o/d	1.6mm
LSSWA6-15	6mm	15mm o/d	1.6mm
LSSWA8	8mm	16mm o/d	1.6mm
LSSWA10	10mm	20mm o/d	1.6mm



Countersunk Washers

Part Number	Size	Outside Diameter	Thickness
LSSWAC5-15	M5	15mm	4mm
LSSWAC6-19	M6	19mm	4.5mm
LSSWAC6-22	M6	22mm	4.5mm
LSSWAC8-25	M8	25mm	5.5mm



Allen Key Cap Head Bolts

M3 Thread Diameter (2.5mm Allen Key)

Part Number	Thread & Pitch	Length
LPB308	M3 x 0.5mm	8mm
LPB310	M3 x 0.5mm	10mm
LPB330	M3 x 0.5mm	30mm
LPB335	M3 x 0.5mm	35mm

M4 Thread Diameter (3mm Allen Key)

Part Number	Thread & Pitch	Length
LPB410	M4 x 0.7mm	10mm
LPB420	M4 x 0.7mm	20mm
LPB430	M4 x 0.7mm	30mm
LPB435	M4 x 0.7mm	35mm

M5 Thread Diameter (4mm Allen Key)

Part Number	Thread & Pitch	Length
LPB508	M5 x 0.8mm	8mm
LPB510	M5 x 0.8mm	10mm
LPB512	M5 x 0.8mm	12mm
LPB516	M5 x 0.8mm	16mm
LPB520	M5 x 0.8mm	20mm
LPB525	M5 x 0.8mm	25mm
LPB530	M5 x 0.8mm	30mm
LPB540	M5 x 0.8mm	40mm
LPB545	M5 x 0.8mm	45mm

M6 Thread Diameter (5mm Allen Key)

Part Number	Thread & Pitch	Length
LPB610	M6 x 1.00mm	10mm
LPB612	M6 x 1.00mm	12mm
LPB616	M6 x 1.00mm	16mm
LPB620	M6 x 1.00mm	20mm
LPB625	M6 x 1.00mm	25mm
LPB630	M6 x 1.00mm	30mm
LPB635	M6 x 1.00mm	35mm
LPB640	M6 x 1.00mm	40mm
LPB645	M6 x 1.00mm	45mm
LPB650	M6 x 1.00mm	50mm
LPB655	M6 x 1.00mm	55mm
LPB660	M6 x 1.00mm	60mm
LPB665	M6 x 1.00mm	65mm
LPB670	M6 x 1.00mm	70mm
LPB675	M6 x 1.00mm	75mm
LPB680	M6 x 1.00mm	80mm
LPB685	M6 x 1.00mm	85mm
LPB690	M6 x 1.00mm	90mm
LPB695	M6 x 1.00mm	95mm
LPB6100	M6 x 1.00mm	100mm

M8 Thread Diameter (6mm Allen Key)

Part Number	Thread & Pitch	Length
LPB812	M8 x 1.25mm	12mm
LPB820	M8 x 1.25mm	20mm
LPB825	M8 x 1.25mm	25mm
LPB830	M8 x 1.25mm	30mm
LPB835	M8 x 1.25mm	35mm
LPB840	M8 x 1.25mm	40mm
LPB860	M8 x 1.25mm	60mm

Countersunk Bolts

(Length measured includes the head)

Part Number	Thread & Pitch	Length	Allen Key Size
LCS415	M4 x 0.7mm	15mm	2.5
LCS420	M4 x 0.7mm	20mm	2.5
LCS445	M4 x 0.7mm	45mm	2.5
LCS450	M4 x 0.7mm	50mm	2.5
LCS520	M5 x 0.8mm	20mm	3
LCS530	M5 x 0.8mm	30mm	3
LCS535	M5 x 0.8mm	35mm	3
LCS615	M6 x 1.00mm	15mm	4
LCS625	M6 x 1.00mm	25mm	4
LCS635	M6 x 1.00mm	35mm	4
LCS820	M8 x 1.25mm	20mm	6
LCS840	M8 x 1.25mm	40mm	6

Dome Head/Fairing Bolts

Part Number	Thread & Pitch	Length	Allen Key Size
LFB412F	M4 x 0.5mm (8mm head)	12mm	2.5
LFB412	M4 x 0.7mm (8mm head)	12mm	2.5
LFB425	M4 x 0.7mm (8mm head)	25mm	2.5
LFB512	M5 x 0.8mm (12mm head)	12mm	3
LFB516	M5 x 0.8mm (12mm head)	16mm	3
LFB516XL	M5 x 0.8mm (16mm head)	16mm	3
LFB520	M5 x 0.8mm (12mm head)	20mm	3
LFB525	M5 x 0.8mm (12mm head)	25mm	3
LFB610	M6 x 1.00mm (16mm head)	10mm	4
LFB616	M6 x 1.00mm (16mm head)	16mm	4
LFB620	M6 x 1.00mm (16mm head)	20mm	4
LFB620XS	M6 x 1.00mm (12mm head)	20mm	4
LFB625	M6 x 1.00mm (16mm head)	25mm	4
LFB630	M6 x 1.00mm (16mm head)	30mm	4
LFB630XS	M6 x 1.00mm (12mm head)	30mm	4
LFB635	M6 x 1.00mm (16mm head)	35mm	4
LFB640	M6 x 1.00mm (16mm head)	40mm	4
LFB825	M8 x 1.25mm (16mm head)	25mm	4
LFB840	M8 x 1.25mm (16mm head)	40mm	4
LFB1025F	M10 x 1.25mm (17.5mm head)	25mm	6
LFB1045F	M10 x 1.25mm (17.5mm head)	45mm	6

Honda Special Fuel Cap Bolts

Part Number	Thread & Pitch	Length
LH465	M4 x 0.7mm (10mm head diameter)	6.5mm
LH420	M4 x 0.7mm (10mm head diameter)	20mm



Nuts

Full Nuts

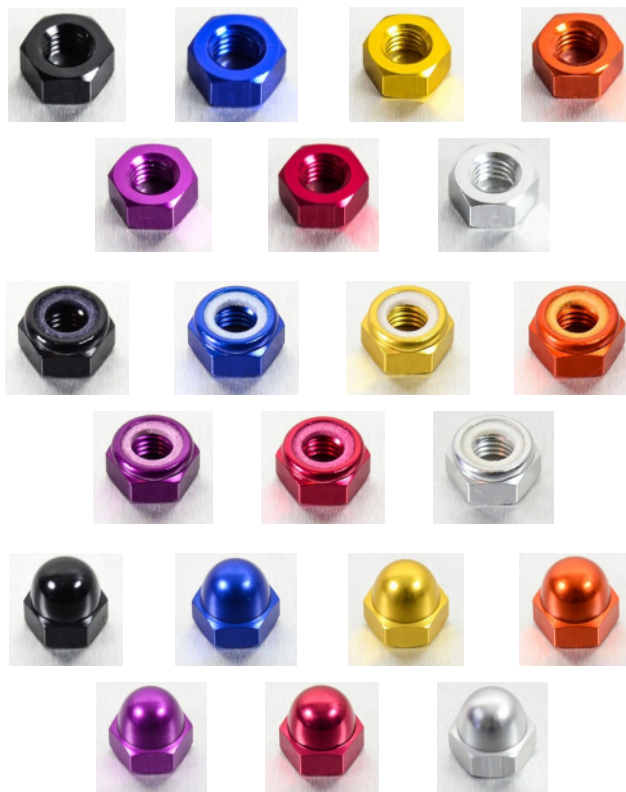
Part Number	Thread & Pitch	Socket Size
LFN4	M4 x 0.7mm	7mm
LFN5	M5 x 0.8mm	8mm
LFN6	M6 x 1.00mm	10mm
LFN6LH (Left Hand Thread)	M6 x 1.00mm	10mm
LFN8	M8 x 1.25mm	13mm

Nyloc Nuts

Part Number	Thread & Pitch	Socket Size
LNYN3	M3 x 0.7mm	5.5mm
LNYN4	M4 x 0.7mm	7mm
LNYN5	M5 x 0.8mm	8mm
LNYN6	M6 x 1.00mm	10mm
LNYN8	M8 x 1.25mm	13mm
LNYN10	M10 x 1.50mm	17mm
LNYN10F	M10 x 1.25mm	13mm

Dome Nuts

Part Number	Thread & Pitch	Socket Size	Height
LDOMENUT4	M4 x 0.7mm	7mm	8mm
LDOMENUT5	M5 x 0.8mm	8mm	10mm
LDOMENUT6	M6 x 1.00mm	10mm	12mm
LDOMENUT8	M8 x 1.25mm	13mm	15mm
LDOMENUT10F	M10 x 1.25mm	17mm	18mm
LDOMENUT10	M10 x 1.50mm	17mm	18mm



Washers

Flat Washers

Part Number	Inside Diameter	Outside Diameter	Thickness
LWA3	M3	7mm o/d	0.55mm
LWA4	M4	9mm o/d	0.80mm
LWA5	M5	10mm o/d	0.90mm
LWA6	M6	12mm o/d	1.40mm
LWA6-18	M6	18mm o/d	1.40mm
LWA8	M8	16mm o/d	1.50mm
LWA8-20	M8	20mm o/d	1.60mm
LWA10	M10	20mm o/d	1.77mm



Drilled Washers

Part Number	Inside Diameter	Outside Diameter	Thickness
LWAD5	M5	10mm	1.30mm
LWAD6	M6	12mm	1.50mm
LWAD6-23	M6	23mm	1.50mm
LWAD8	M8	16mm	1.90mm
LWAD10	M10	20mm	2.80mm
LWAD12	M12	25mm	3.40mm



Countersunk Bodywork Washers

Part Number	Inside Diameter	Outside Diameter	Thickness
LWAC5	M5	13mm o/d	3.20mm
LWAC6-19	M6	19mm o/d	3.40mm
LWAC6-22	M6	22mm o/d	3.40mm
LWAC8	M8	25mm o/d	5.00mm



Flared Washers

Manufactured to be fitted with a standard socket cap bolt

Part Number	Inside Diameter	Outside Diameter	Thickness
LWAPB625	M6	25mm o/d	7.00mm
LWAPB826	M8	26mm o/d	10.00mm

** in "Part Number" denotes length to be selected.

Tapered Socket Cap

Part Number	Thread & Pitch	Allen Key Drive	Max Head Diameter	Lengths Available
TISC3**	M3 x 0.50mm	2.5mm	5.4mm	12mm, 15mm, 18mm, 35mm
TISC4**	M4 x 0.70mm	3mm	6.9mm	10mm, 12mm, 15mm, 20mm, 25mm, 35mm
TISC5**	M5 x 0.80mm	4mm	7.9mm	10mm, 12mm, 15mm, 20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 70mm
TISC6**	M6 x 1.00mm	5mm	9.9mm	10mm, 12mm, 15mm, 20mm, 22mm, 25mm, 28mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm
TISC720	M7 x 1.00mm	5mm	9.9mm	20mm
TISC8**	M8 x 1.25mm	6mm	12.5mm	15mm, 20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm
TISC10**	M10 x 1.50mm	8mm	15.8mm	20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 70mm, 75mm, 80mm
TISC10**F	M10 x 1.25mm	8mm	15.8mm	20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm



Flanged Hex Head

Part Number	Thread & Pitch	Socket Size	Flange Diameter	Lengths Available
TIHX3**	M3 x 0.50mm	5mm	6.9mm	6mm, 12mm
TIHX4**	M4 x 0.70mm	6mm	8mm	10mm, 15mm, 20mm, 25mm, 30mm
TIHX5**	M5 x 0.80mm	7mm	10mm	10mm, 12mm, 15mm, 20mm, 25mm, 30mm, 40mm, 45mm
TIHX6**	M6 x 1.00mm	8mm	12mm	10mm, 12mm, 14mm, 15mm, 16mm, 18mm, 20mm, 22mm, 25mm, 28mm, 30mm, 32mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm, 105mm
TIHX8**	M8 x 1.25mm	12mm	16mm	15mm, 20mm, 25mm, 28mm, 30mm, 32mm, 35mm, 40mm, 45mm, 47mm, 50mm, 55mm, 60mm, 65mm, 70mm, 80mm, 85mm
TIHX10**	M10 x 1.50mm	12/13mm	18mm	20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm
TIHX10**F	M10 x 1.25mm	12/13mm	18mm	25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 57mm, 60mm, 65mm, 70mm, 75mm, 80mm, 90mm, 110mm, 112mm, 115mm, 125mm
TIHX12**FF	M12 x 1.25mm	14mm	20mm	50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 90mm



Countersunk Bolts

Length measurements **include** the head

Part Number	Thread & Pitch	Allen Key Drive	Max Head Diameter	Lengths Available
TICS4**	M4 x 0.70mm	2.5mm	7.8mm	15mm, 20mm
TICS5**	M5 x 0.80mm	3mm	9.8mm	8mm, 10mm, 15mm, 20mm, 25mm, 30mm,
TICS6**	M6 x 1.00mm	4mm	11.8mm	15mm, 20mm, 25mm, 30mm, 35mm
TICS8**	M8 x 1.25mm	5mm	15.6mm	20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm
TICS1020F	M10 x 1.25mm	6mm	19.9mm	20mm



Dome Head/Fairing Bolts

Length measurements are taken from **below** the head

Part Number	Thread & Pitch	Allen Key Drive	Max Head Diameter	Lengths Available
TIFB412F	M4 x 0.50mm	3mm	8mm	12mm
TIFB4**	M4 x 0.70mm	3mm	8mm	10mm, 12mm, 15mm
TIFB5**	M5 x 0.80mm	4mm	12mm	10mm, 16mm, 20mm, 25mm, 30mm
TIFB516XL	M5 x 0.80mm	4mm	16mm	16mm
TIFB6*	M6 x 1.00mm	5mm	16mm	10mm, 16mm, 20mm, 25mm, 30mm, 35mm, 40mm, 55mm
TIFB6**XS	M6 x 1.00mm	5mm	12mm	20mm, 30mm
TIFB8**	M8 x 1.25mm	5mm	16mm	20mm, 25mm, 30mm, 35mm, 40mm, 85mm



Flat Washers

Part Number	Description	Outside Diameter	Thickness
TIWA3	M3 Flat Washer	7mm	0.6mm
TIWA4	M4 Flat Washer	9mm	0.7mm
TIWA5	M5 Flat Washer	10mm	1.0mm
TIWA6	M6 Flat Washer	12mm	1.5mm
TIWA8	M8 Flat Washer	16mm	1.6mm
TIWA10	M10 Flat Washer	20mm	1.7mm
TIWA12	M12 Flat Washer	24mm	2.6mm



Penny Washers

Part Number	Description	Outside Diameter	Thickness
TIWA5-15	M5 Penny Washer	15mm	1.0mm
TIWA5-20	M5 Penny Washer	20mm	1.1mm
TIWA6-15	M6 Penny Washer	15mm	1.5mm
TIWA6-20	M6 Penny Washer	20mm	1.5mm
TIWA6-25	M6 Penny Washer	25mm	1.8mm
TIWA6-30	M6 Penny Washer	30mm	1.6mm



Countersunk Washers

Part Number	Description	Outside Diameter	Thickness
TIWAC6-22	M6 Countersunk Washer	22mm	4.5mm



Drilled Washers

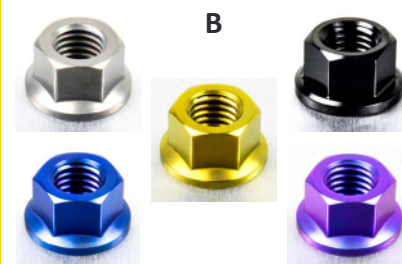
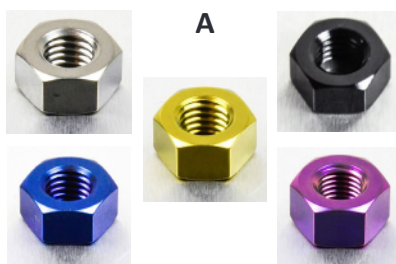
Part Number	Description	Outside Diameter	Thickness
TIWAD5	M5 Drilled Washer	10mm	1.0mm
TIWAD6	M6 Drilled Washer	12mm	1.5mm
TIWAD8	M8 Drilled Washer	16mm	1.6mm
TIWAD10	M10 Drilled Washer	20mm	1.7mm
TIWAD12	M12 Drilled Washer	24mm	2.5mm



Full Nuts

A

Part No.	Thread & Pitch	Socket Size
TIFN4	M4 (0.70) Full Nut	7mm
TIFN5	M5 (0.80) Full Nut	8mm
TIFN6	M6 (1.00) Full Nut	10mm
TIFN8	M8 (1.25) Full Nut	13mm
TIFN10	M10 (1.50) Full Nut	17mm
TIFN10F	M10 (1.25) Full Nut	17mm
TIFN12	M12 (1.75) Full Nut	18mm
TIFN12F	M12 (1.50) Full Nut	18mm



Flanged Nuts

B

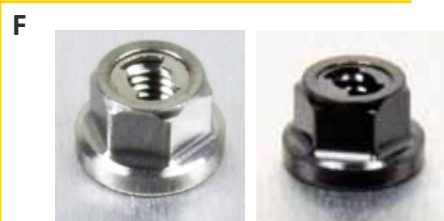
Part No.	Thread & Pitch	Socket Size
TIFLN4	M4 (0.70) Flanged Nut	7mm
TIFLN5	M5 (0.80) Flanged Nut	8mm
TIFLN6	M6 (1.00) Flanged Nut	10mm
TIFLN8	M8 (1.25) Flanged Nut	13mm
TIFLN10	M10 (1.50) Flanged Nut	15mm
TIFLN10F	M10 (1.25) Flanged Nut	14mm
TIFLN10FF	M10 (1.00) Flanged Nut	14mm
TIFLN12	M12 (1.75) Flanged Nut	18mm
TIFLN12F	M12 (1.50) Flanged Nut	17mm
TIFLN12FF	M12 (1.25) Flanged Nut	17mm



Nyloc Nuts

C

Part No.	Thread & Pitch	Socket Size
TINYN3	M3 (0.50) Nyloc Nut	5.5mm
TINYN4	M4 (0.70) Nyloc Nut	7mm
TINYN5	M5 (0.80) Nyloc Nut	8mm
TINYN6	M6 (1.00) Nyloc Nut	10mm
TINYN8	M8 (1.25) Nyloc Nut	13mm
TINYN10	M10 (1.50) Nyloc Nut	16mm
TINYN10F	M10 (1.25) Nyloc Nut	16mm
TINYN12	M12 (1.75) Nyloc Nut	20mm
TINYN12F	M12 (1.50) Nyloc Nut	20mm
TINYN12FF	M12 (1.25) Nyloc Nut	20mm



*Only available in the colours shown

Flanged Nyloc Nuts

D

Part No.	Thread & Pitch	Socket Size
TINYNFL3	M3 (0.50) Flanged Nyloc Nut	5.5mm
TINYNFL4	M4 (0.70) Flanged Nyloc Nut	7mm
TINYNFL5	M5 (0.80) Flanged Nyloc Nut	8mm
TINYNFL6	M6 (1.00) Flanged Nyloc Nut	10mm
TINYNFL8	M8 (1.25) Flanged Nyloc Nut	13mm
TINYNFL8F	M8 (1.00) Flanged Nyloc Nut	13mm
TINYNFL10	M10 (1.50) Flanged Nyloc Nut	15mm
TINYNFL10F	M10 (1.25) Flanged Nyloc Nut	15mm
TINYNFL12	M12 (1.75) Flanged Nyloc Nut	18mm
TINYNFL12F	M12 (1.50) Flanged Nyloc Nut	18mm
TINYNFL12FF	M12 (1.25) Flanged Nyloc Nut	18mm

Metal Lock Nuts

F

Part Number	Thread & Pitch	Socket Size
TILOCKNUT3	M3 (0.5) Flanged Metal Locknut	5.5mm
TILOCKNUT4	M4 (0.7) Flanged Metal Locknut	7mm
TILOCKNUT5	M5 (0.8) Flanged Metal Locknut	8mm
TILOCKNUT6	M6 (1.00) Flanged Metal Locknut	10mm
TILOCKNUT8	M8 (1.25) Flanged Metal Locknut	12mm
TILOCKNUT10	M10 (1.50) Flanged Metal Locknut	14mm
TILOCKNUT10F	M10 (1.25) Flanged Metal Locknut	14mm

Bi-Hex Metal Lock Nuts

G

Part Number	Thread & Pitch	Socket Size
TILOCKNUTBH6	M6 (1.00) Flanged Bi-Hex Metal Locknut	11mm
TILOCKNUTBH8	M8 (1.25) Flanged Bi-Hex Metal Locknut	13mm
TILOCKNUTBH10	M10 (1.50) Flanged Bi-Hex Metal Locknut	15mm
TILOCKNUTBH10F	M10 (1.25) Flanged Bi-Hex Metal Locknut	15mm

Bi-Hex Plastic Nyloc Nuts

E

Part Number	Thread & Pitch	Socket Size
TINYNFLBH6	M6 (1.00) Flanged Bi-Hex Plastic Nyloc	11mm
TINYNFLBH8	M8 (1.25) Flanged Bi-Hex Plastic Nyloc	13mm
TINYNFLBH10	M10 (1.50) Flanged Bi-Hex Plastic Nyloc	15mm
TINYNFLBH10F	M10 (1.25) Flanged Bi-Hex Plastic Nyloc	15mm
TINYNFLBH10FF	M10 (1.00) Flanged Bi-Hex Plastic Nyloc	15mm

D-Ring

STAINLESS

Part Number	Description
LSSQRCLIP14	14mm Length D-ring Quick Release Fastener
LSSQRCLIP17	17mm Length D-ring Quick Release Fastener
LSSQRCLIP19	19mm Length D-ring Quick Release Fastener
SSQRCLIP1017	17mm D-ring Quick Release Fastener - Pack of 10
SSQRCLIP1417	17mm D-ring Quick Release Fastener - Pack of 14
SSQRCLIP1019	17mm D-ring Quick Release Fastener - Pack of 10
SSQRPACKRIVET1017	17mm D-ring Quick Release Fastener - Pack of 10 - Rivet on Backs & Washers
SSQRPACKRIVET1417	17mm D-ring Quick Release Fastener - Pack of 14 - Rivet on Backs & Washers
SSQRPACKRIVET1019	19mm D-ring Quick Release Fastener - Pack of 10 - Rivet on Backs & Washers
SSQRPACKSLIDE1017	17mm D-ring Quick Release Fastener - Pack of 10 - Slide on Backs & Washers
SSQRPACKSLIDE1417	17mm D-ring Quick Release Fastener - Pack of 14 - Slide on Backs & Washers
SSQRPACKSLIDE1019	19mm D-ring Quick Release Fastener - Pack of 10 - Slide on Backs & Washers



Allen Key Drive

STAINLESS

Part Number	Description
LSSQRCLIPAK14	14mm Allen Key Drive Quick Release Fastener
LSSQRCLIPAK17	17mm Allen Key Drive Quick Release Fastener
LSSQRCLIPAK19	19mm Allen Key Drive Quick Release Fastener
SSQRPACKAKRIVET1017	17mm Allen Key Quick Release Fastener - Pk of 10 - Rivet on Backs & Washers
SSQRPACKAKRIVET1417	17mm Allen Key Quick Release Fastener - Pk of 14 - Rivet on Backs & Washers
SSQRPACKAKRIVET1019	19mm Allen Key Quick Release Fastener - Pk of 10 - Rivet on Backs & Washers
SSQRPACKAKSLIDE1017	17mm Allen Key Quick Release Fastener - Pk of 10 - Slide on Backs & Washers
SSQRPACKAKSLIDE1417	17mm Allen Key Quick Release Fastener - Pk of 14 - Slide on Backs & Washers
SSQRPACKAKSLIDE1019	19mm Allen Key Quick Release Fastener - Pk of 10 - Slide on Backs & Washers



D-Ring

TITANIUM

Part Number	Description
TIQRCLIP17	17mm Titanium Quick Release Stud - D Ring
TIQRCLIP19	19mm Titanium Quick Release Stud - D Ring

D-Ring

ALUMINIUM

Part Number	Description
LQRCLIP14	14mm Individual D-Ring Quick Release Fastener
LQRCLIP17	17mm Individual D-Ring Quick Release Fastener
LQRCLIP19	19mm Individual D-Ring Quick Release Fastener
QRCLIP1014	Packs of 10 - D-Ring 14mm Quick Release Fasteners & Washers
QRCLIP1017	Packs of 10 - D-Ring 17mm Quick Release Fasteners & Washers
QRCLIP1019	Packs of 10 - D-Ring 19mm Quick Release Fasteners & Washers



Allen Key Drive

ALUMINIUM

Part Number	Description
LQRCLIPAK14	14mm Individual Allen Key Quick Release Fastener
LQRCLIPAK17	17mm Individual Allen Key Quick Release Fastener
LQRCLIPAK19	19mm Individual Allen Key Quick Release Fastener
QRCLIPAK1014	Packs of 10 - Allen Key 14mm Quick Release Fasteners with Washers
QRCLIPAK1017	Packs of 10 - Allen Key 17mm Quick Release Fasteners with Washers
QRCLIPAK1019	Packs of 10 - Allen Key 19mm Quick Release Fasteners with Washers



SEALANTS & ADHESIVES



Product Details:

One component, high modulus, rapid curing acetic cure silicone sealant. It meets engineering standards for glazing and can be used for frameless showerscreens.

Special Features:

Superior adhesion to glass.

Colours in stock:



Translucent

Black



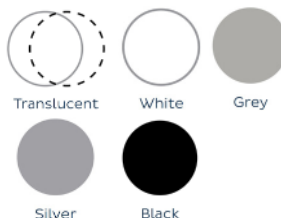
Product Details:

One component, non-flowing, neutral cure, high modulus flex. It cures by absorption of atmospheric moisture to form a flexible and durable sealant.

Special Features:

Superior adhesion to painted anodized aluminium and glass.

Colours in stock:



Translucent

White

Grey

Silver

Black



Product Details:

One component, non-flowing, neutral cure, mid modulus silicone sealant. It cures to form a flexible and durable elastomeric sealant.

Special Features:

Excellent in sanitary and tiling applications.

Colours in stock:



Translucent



Product Details:

Exhibits exceptional adhesion capabilities and is suitable for a wide range of industrial and automotive adhesion applications for internal and external uses.

Special Features:

Exceptional noise vibration and impact dampening characteristics.

Colours in stock:



White

Grey



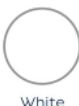
Product Details:

General purpose, water based, acrylic gap filler. Suitable for interior and exterior areas prior to painting. Excellent adhesion properties suitable for sealing gaps and low movement joints.

Special Features:

Can be painted over.

Colours in stock:



White



Product Details:

Zbond® 616 is a one component, non-flowing, neutral cure, mid modulus silicone sealant for use in glazing weatherseals.

Special Features:

Resistance to UV, weathering, ozone, vibration, moisture and temperatures.

Colours in stock:



Translucent

Black



Product Details:

When cured it will form a tough, flexible seal capable of cyclic expansion and contraction movement of 100% (\pm 50%) of the original joint width.

Special Features:

Excellent durability - unaffected by normal weathering conditions.

Colours in stock:



White

Grey

Epping Grey

Black



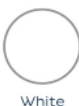
Product Details:

Developed for industrial applications. Suitable for making elastic constructive joints, which also require a high strength.

Special Features:

Suitable for bonding and sealing in bus, caravans, trains and trucks.

Colours in stock:



White



Product Details:

A high quality direct glazing adhesive especially developed for the rapid and efficient bonding of aftermarket windscreens as well as in OEM, bus, coach and train construction.

Special Features:

Especially designed for the rapid replacement of windscreens.

Colours in stock:



Black

*Available in Cartridges and Foil Sausages

SEALANTS & ADHESIVES



Product Details:

AV 515 is suitable for bonding porous to porous and porous to non-porous substrates. AV 515 may be used to bond timber, plasterboard, fibrous cement, some metals, EPS foam, concrete, brick and many other common substrates, providing that one or two of the surfaces contain moisture.

Special Features:

Fully cured AV 515 has an extremely strong bond with excellent resistance to water.



Product Details:

AV XL Plus is an excellent adhesive for cabinet and furniture assembly where high bond strengths, good water/humidity resistance and relatively short clamp times are required.

Special Features:

Can be used in cold pressing and hot pressing applications as it is waterbased and non-flammable.

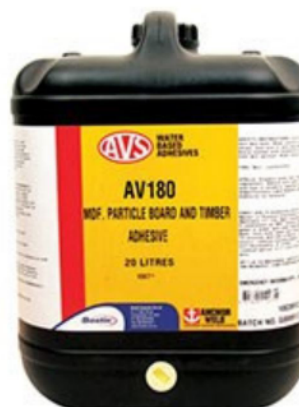


Product Details:

AW 2800 Contact Adhesive is a spray grade contact adhesive, featuring rapid drying properties and excellent green strength making it ideally suited for the furniture, upholstery and foam industries.

Special Features:

Rapid drying, low soaking and high heat resistance (100°C+).



Product Details:

AV 180 is a unique one pack water based adhesive which has been designed to complement the high quality properties of MDF Board. AV 180 has fast 'wet tack', is quick drying and has excellent machining and sanding properties. The bonds formed are very strong and heat resistant and the glue line will accept the stains and lacquers recommended for MDF Board.

SOUDAL



Product Details:

T-Rex Power Fast Grab is a high quality, neutral, elastic, 1-component adhesive sealant based on SMX® Polymer with a very high initial tack. T-Rex Power Fast Grab is a high strength sealant / adhesive that can hold 320kg's per 10cm2 with a 1 Second immediate grab.

Colours in stock:



Translucent



Bright White



Steel Grey



Jet Black



Product Details:

T-Rex Crystal is a high quality, crystal clear, neutral, elastic, single component sealant/adhesive based on SMX®-Polymer. All interior and exterior bonding and sealing applications. Transparent and elastic bonding in many different construction and building applications. Interior bonding of glass and other transparent materials (cannot be used as a glazing sealant).

SEALANTS & ADHESIVES

MACSIM®



Product Details:

MF10 Gap Filler is a one part, gun applied, water-based acrylic sealant that cures to a flexible and tough rubber with good adhesion to porous surfaces without primer. It is an environmentally friendly sealant that can be easily cleaned up with water. It can be used on joints where movement is no more than 20%. For use on walls; ceilings, doors, window frames, plasterboard, masonry, aluminium, ceramics.

****Only Available in White****



Product Details:

MF20 Never Nail is a one-component construction adhesive formulated to bond on a variety of common construction materials. It has strong initial grab, superior adhesion, and does not slump on vertical surfaces.

****Only Available in Brown****



Product Details:

MF50 Roof & Gutter is a one part high quality sealant offering excellent primerless adhesion, weatherability and elasticity for general glazing and sealing applications.

Colours in stock:



Product Details:

MF60 Glazing Sealant is a premium extra high strength medium modulus one part moisture curing, 100% calcium carbonate filled, high performance neutral cure silicone sealant (oxime) designed to give superior adhesion and durability in a wide range of glazing, weather sealing and trade applications.

Colours in stock:



Product Details:

Sanitary sealant is a single component, neutral silicone sealant with excellent anti-fungal properties. It resists mildew and is suitable for many common areas which may be exposed to high humidity and temperature conditions. It will bond to form a durable, flexible, waterproof seal on most building materials.

****Only Available in Clear****



Product Details:

Two part epoxy acrylate resin designed to anchor Eclipse Threaded Rods and rebar in concrete, with european approval for use in masonry block according to ETAG 029.

DOWSIL™

silicones by



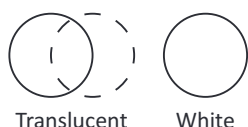
680 Sanitary



Product Details:

A high performance neutral cure silicone sealant designed to resist the growth of mold and mildew where conditions of high humidity and temperature exist. It is ideal for use in and around bathrooms, laundry sinks, ceramic tiles, vitreous china, enamel painted surfaces and fiberglass spa units.

Colours in stock:



Dow Corning 688



Product Details:

One-part neutral cure silicone sealant designed for a wide range of glazing, weathersealing and professional caulking applications. It will bond to form a strong weatherproof seal on most common building materials.

***Available in Cartridges and Foil Sausages**

Colours in stock:



Dow Corning 995



Product Details:

A one-component, self-priming, shelf-stable, neutral-cure, elastomeric adhesive specifically formulated for silicone structural glazing and exhibits excellent unprimed adhesion to most building substrates. This product has superior unprimed adhesion for structural glazing applications for hurricane or impact rated windows and doors. It has a movement capability of +/- 50%.

***Available in Cartridges and Foil Sausages**

INDUSTRIAL CHEMICALS

Methylated Spirits



Available in:

- 1L
- 4L
- 20L

Mineral Turps



Available in:

- 1L
- 4L
- 20L

White Spirits



Available in:

- 1L
- 4L
- 20L

Acetone



Available in:

- 1L
- 4L
- 20L

Isopropyl



Available in:

- 20L

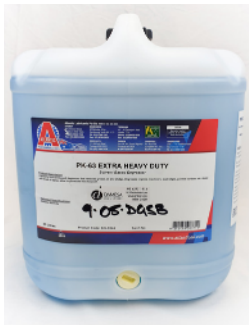
Wax & Grease Remover



Multi purposed
Wax & Grease
remover.

Available in: 20L
Drum

Degreaser



A powerful solvent
based degreaser
that removes
grease, oil, dirt and
sludge. Degreasers
engines,
machinery, painted
surfaces etc.

Available in: 20L
Tub

Brake Cleaner



Heavy duty solvent
cleaner for all
brake cleaning
applications.

Available in: 20L
Tub

Truck Wash



Non-toxic and
biodegradable
detergent cleaner
which effectively
removes dirt, mud,
oil film and road
grime from trucks
and trailers.

Available in: 20L
Tub

Glass Cleaner



C-Thru removes
smears, finger
marks, smog,
tobacco tar
residues and other
soil deposits,
leaving a sparkling,
streak-free finish.

Available in: 20L
Tub

Wash n' Shine



A pH-Neutral,
biodegradability
and contains high
foaming, surface-
active agents and
emulsifiers to
thoroughly and
rapidly clean all
surfaces.

Available in: 1L, 5L
& 20L Tub

Top Shine Polish



Top Shine is a
leading polish for
all painted, metal,
aluminium, brass,
copper, stainless,
chrome, fibreglass,
and plastic
surfaces.

Available in: 500ml
Bottle

INDUSTRIAL CHEMICALS & AEROSOL PAINTS

Brake & Parts Cleaner



Non-chlorinated - A blend of solvents which will safely remove grease, oil and brake fluid from brake drums & linings. Molytec Non - Chlorinated Brake & Parts Cleaner can safely be used in situations where chlorinated solvents may cause issues.

Chain & Cable Lube



A molybdenum disulphide based lubricant. A non-fling, water resistant, extreme pressure lubricant for protection on chains, linkages, cables, wire ropes, sprockets, open gears, hoists, conveyors, fork lifts, tractors and farm equipment.

Contact Cleaner



A fast drying, non - corrosive, non - staining cleaning solvent that evaporates completely. Ideal for removing contaminants from sensitive electrical and electronic parts. Safe on most plastics. Molytec Contact Cleaner is lubricant free and leaves no residue.

Fleece Grease



A unique blend of lanolin formulated for its benefits as an environmentally friendly, non toxic film that works as a water displacing, lubricating, penetrating, and protective fluid for a wide range of multi-purpose applications.

Zinc Cote



Zinc Cote galvanising spray is a high quality, zinc rich coating that contains 93% ultra pure zinc dust by weight in the dried film. This bonds to clean iron or steel surfaces to provide maximum protection against corrosion and rust creepage. A weld-through primer that can be powder coated.

Tensor Grip T51



This product is ideal for fabrics, leathers, carpeting, linoleum, HPL, foam, GRP, plastics and many other typical vehicle interior finishes. TensorGrip T51 has good grab and green strength, and cured bonds have good temperature resistance to over 126°C.

Glass Cleaner



A Powerful water bourne foaming glass cleaner that acts quickly to dissolve and remove dirt, dust, grime, finger marks, nicotine and smoke haze from all sorts of glass surfaces including mirrors and windows leaving the surface crystal clear and free from streaks.

Silicone Spray



A heavy duty lubricant designed to lubricate, waterproof and protect most surfaces from binding, corroding and squeaking. It's an ideal protectant for plastic, vinyl, leather, rubber, window & door tracks, door hinges, metals, fibreglass and locks.

Etch Primer



A single pack epoxy rich Etch Primer formulated to provide outstanding adhesion and protection for all types of ferrous and non-ferrous substrates. It is suitable for mild steel, aluminium, zincalume, galvanized iron, chrome, copper, brass, stainless and other metal alloys.

Silicone Solvent



Silicone sealant solvent removes both cured and uncured silicone from just about any surface without damage. Remove excess silicone sealant with flat knife, blade or spatula. Apply solvent liberally to surface to be cleaned. Wipe dry with clean cloth.

Inox Lubricant



The lubricant is made with a high grade white oil, rust inhibitors and other components to give lasting protection from corrosion and oxidation. MX3 will penetrate through bolts and parts that are stuck together to help loosen and easily free up without causing damage.

Boston Spray Paint



Boston Enamel Spray paint is a fast drying, superior quality hi-build enamel for most surfaces. The use of premium grade solvents, polymers & pigments ensure unparalleled results and excellent coverage.

Available in 3 primers and 22 different colours.

AEROSOL PAINTS

Touch Up Paint



Anchor Bond is an easy to use acrylic touch up paint, providing excellent durability and adhesion on pre-painted and powder coated surfaces or for painting metal surfaces. Colours are formulated to industry standards.

Anotec Mid Bronze	Deep Ocean	Monument	Satin White
Anotec Silver Grey	Doeskin	Night Sky	Shale Grey
Apo Grey	Dune	Notre Dame	Shoji White
Basalt	Evening Haze	Off White	Stone Beige
Blue Ridge	Gully	Oyster	Surfmist
Bright White Gloss	Hammersly Brown	Pale Eucalypt	Terrain
Charcoal	Hawthorn Green	Paperbark	Wallaby
Citi Pearl	Ironstone	Pearl White	White Birch
Classic Cream	Jasper	Precious Silver Pearl	Wilderness
Classic White	Magnolia	Primrose	Windspray
Cottage Green	Mangrove	Rivergum	Woodland Grey
Cove	Manor Red	Riversand	

*Other colours available upon request.



KLINGSPOR Abrasives is a manufacturer of the highest quality industrial sanding and grinding products. Our history is a long one which dates back over 100 years. Klingspor originated in Germany where it is today still one of the world's largest and most respected abrasive manufacturers making some of the highest quality products for industrial applications. With quality products and budget-conscious prices, Klingspor gives you The Most Sanding Power for Your Money!®

KLINGSPOR ABRASIVES

All items displayed are our regular stock lines, for the entire range of products available for purchase visit: www.klingspor.de/en-au

Cut Off Discs:

A 60 TZ



Cutting Applications:

Steel, Hardened steel, Tool steel, Stainless steel, High alloy steel, corrosion & acid proof steel and Zinc die-cast.

Available Sizes:

1mm thick - 115mm and 125mm

A 60 N



Cutting Applications:

Aluminium, Bronze, Copper and Brass.

Available Sizes:

1mm thick - 115mm and 125mm

A 46 TZ



Cutting Applications:

Steel, Hardened steel, Tool steel, Stainless steel, High alloy steel, corrosion & acid proof steel and Zinc die-cast.

Available Sizes:

1.9mm thick - 230mm

A 24 R



Cutting Applications:

Tool steel, Stainless steel, High alloy steel and corrosion & acid proof steel.

Available Sizes:

3mm thick - 180mm and 230mm

A 30 N



Cutting Applications:

Steel.

Available Sizes:

3mm thick - 350mm

C 24



Cutting Applications:

Stone and Concrete

Available Sizes:

2.5mm thick - 115mm and 125mm
3mm thick - 180mm and 230mm

Grinding Discs:

A 24 R



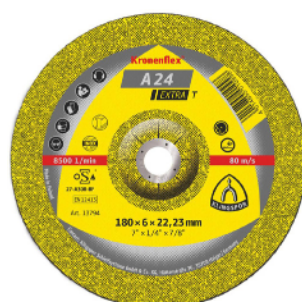
Cutting Applications:

Steel, Hardened steel and Tool steel.

Available Sizes:

6mm thick - 125mm and 230mm

A 24 Extra



Cutting Applications:

Steel, Hardened steel, Tool steel, Stainless steel, High alloy steel, corrosion & acid proof steel and Zinc die-cast.

Available Sizes:

6mm thick - 115mm

KLINGSPOR ABRASIVES

Abrasive Mop Discs:

SMT 624



Grits Available:
36, 40, 60, 80 and 120

Sizes Available:
100mm, 115mm & 125mm

NCD 200



Applications:
Metals, Paint, Varnish, Filler and Plastic

Sizes Available:
100mm, 115mm & 125mm

SMT 800



Grits Available:
Coarse, Medium & Very Fine

Sizes Available:
125mm

SMT 850



Grits Available:
Coarse, Medium & Very Fine

Sizes Available:
125mm

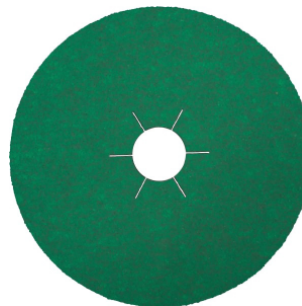
CS 570



Application:
Aluminium, Stainless Steel & NF Metals
Grits Available:
24, 36, 60, 80 and 120

Sizes Available:
115mm & 125mm

FS 966 ACT



Application:
Stainless Steel
Grits Available:
24, 36, 60, 80 and 120

Sizes Available:
115mm & 125mm

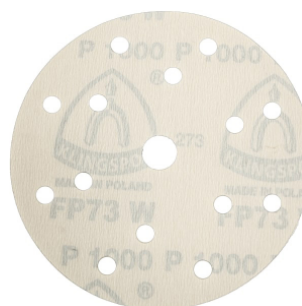
CS 561



Application:
Aluminium, Stainless Steel & NF Metals
Grits Available:
24, 36, 60, 80 and 120

Sizes Available:
115mm & 125mm

FP 73 WK



Application:
Paint, Varnish & Filler

Grits Available:
80, 100, 120, 180, 240, 320 and 600
Sizes Available:
150mm

TRANSPORT HARDWARE

Drop 'T' Lock



Whale Tail Lock



Electronic Whale Tail



'T' Handle Lock



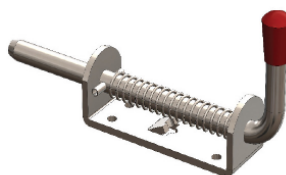
Compression Lock Sml



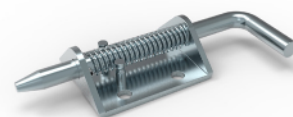
Compression Lock Lge



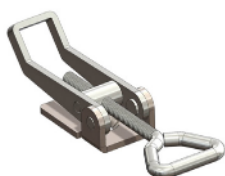
Heavy Duty Spring Bolt



Spring Bolt



Over Centre Catch Sml



Over Centre Catch Lge



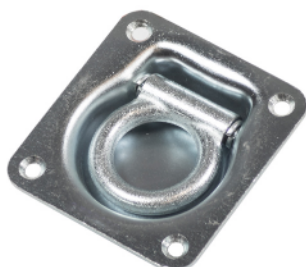
Over Centre Catch XL



Lashing Ring



Heavy Dute Lashing
Ring



Drawer Runners



Lynch Pin
Sizes from 4.5mm to 12mm



'R' Clip
Sizes from 2mm to 8mm



*The products above are our fast moving stock, for any enquiries about products not listed give us a call on 02 6297 1913

TRANSPORT HARDWARE

Piano Hinge



Available in:
Galvenised & Stainless Steel.

Available Sizes:
32mm, 38mm and 50mm wide in 1.8M lengths.

Greasable Bullet Hinge



Available in:
Aluminium and Steel

Available Sizes:
80mm, 100mm and 200mm









STAINLESS STEEL AND BALUSTRADING HARDWARE

All items desplayed are our regular stock lines, for the entire range of products available for purchase visit: www.jamesglen.com.au

Wire & Fittings

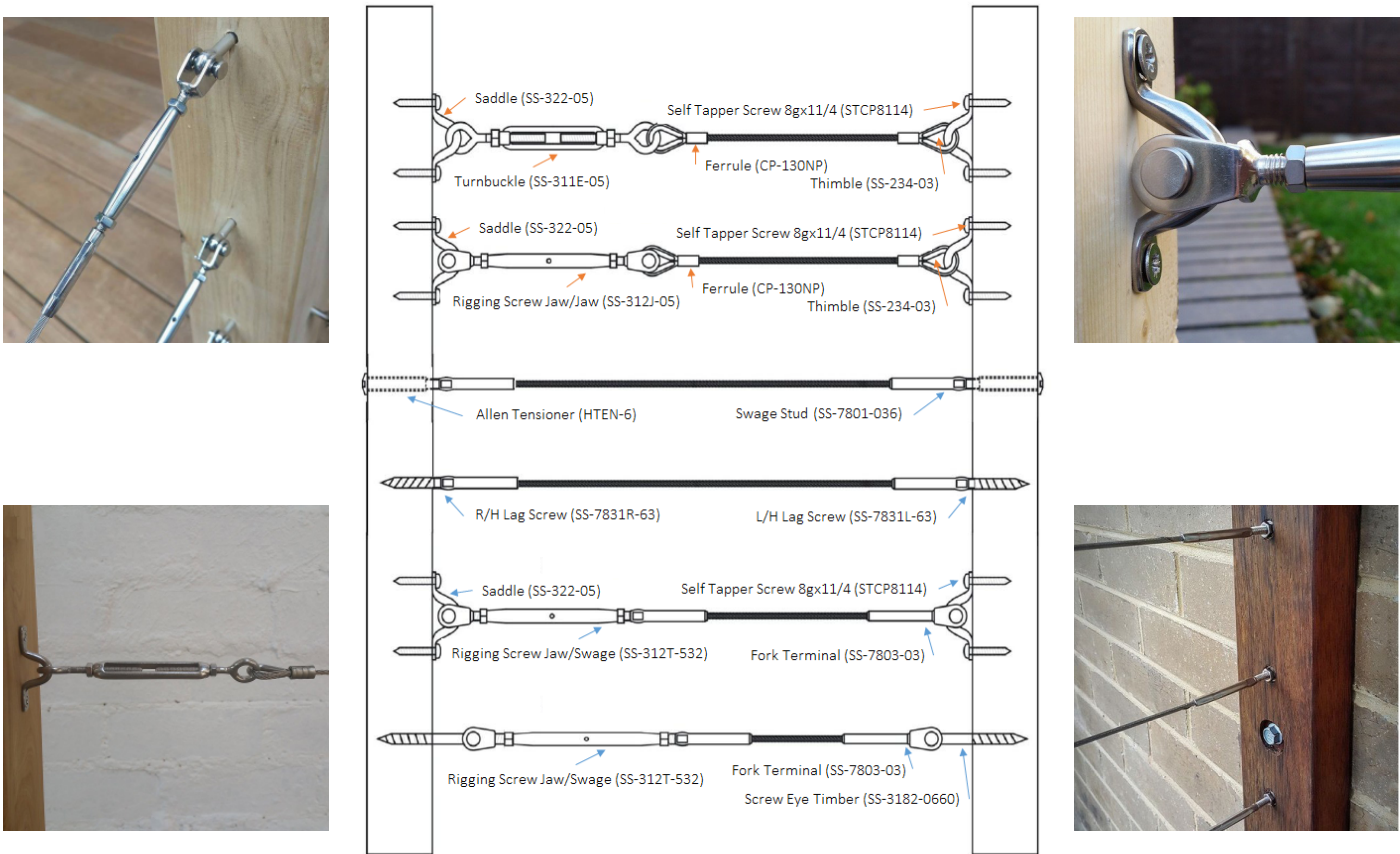
<p>1x19 Wire</p>  <p>(1x19)</p>	<p>7x7 Wire</p>  <p>(7x7)</p>	<p>7x19 Wire</p>  <p>(7x19)</p>	<p>Ferrule</p> 	<p>Thimble</p> 
<p>Eye Lag Screw</p> 	<p>Lag Screw</p> 	<p>Eye Bolt</p> 	<p>Swage Stud</p> 	<p>Saddle</p> 

Terminals & Turnbuckles


<p>Fork Terminal</p> 	<p>Jaw-Jaw Turnbuckle</p> 	<p>Eye-Eye Turnbuckle</p> 	<p>Eye-Hook Turnbuckle</p> 
<p>Hook-Hook Turnbuckle</p> 	<p>Jaw-Jaw Pipe Turnbuckle</p> 	<p>Eye-Hook Pipe Turnbuckle</p> 	<p>Jaw-Terminal Pipe Turnbuckle</p> 

STAINLESS STEEL AND BALUSTRADING HARDWARE

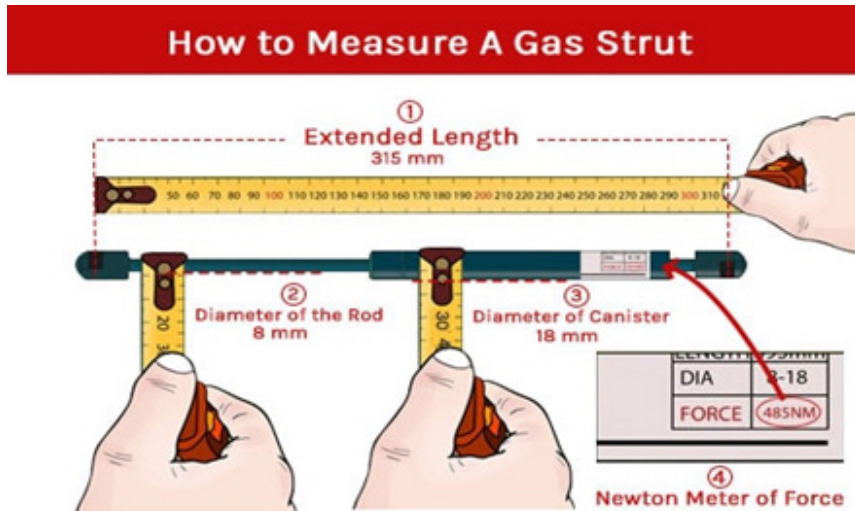
Various Balustrading Systems



Stainless Steel Hardware

Spring Hook	Eyelet Spring Hook	'D' Shackle	'D' Shackle Long	Bow Shackle
				
Twist Shackle	Quick Link	Swivel Eye Bolt	Swivel Eye-Eye	Swivel Jaw-Jaw
				
'U' Bolt	Square Pad	Oblong Pad	Oblong Pad Open	Wire Rope Clip
				
Eye Nut	Eye Bolt	'S' Hook	Ring	Triangle
				

GAS STRUTS



1. Measure the Gas Strut when it is fully extended from the Centre of the End Fittings. This is called the EXTENDED LENGTH.
2. Measure the Diameter of both the Barrel and the Rod. This will provide the STRUT SIZE and is usually recorded as Rod / Barrel dimensions. (eg) 6/15 , 8/18 , 10/22, & 14/28.
3. To establish the FORCE of the Strut (Newton Metres) look on the Strut Label or Branding for a Number followed by the Letters Nm or N. (eg) 450 Nm or 450 N.
4. If no label is present, the weight of the object being held with the Struts must be determined. Remove the Struts from their position and prop the object up with a pole or similar 1/3 of the length from the hinge on domestic bathroom scales. Basic Conversion is 1 KG = 10 NM.



Standard Gas Strut Range

GSK15

6/15 Gas Strut

Available Lengths: 128mm to 500mm

Nm Starting From: 50Nm

GSK18

8/18 Gas Strut

Available Lengths: 195mm to 750mm

Nm Starting From: 100Nm

GSK22

10/22 Gas Strut

Available Lengths: 295mm to 1030mm

Nm Starting From: 100Nm

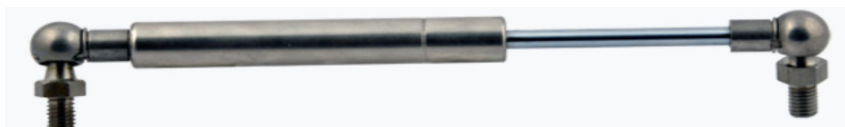
GSK28

14/28 Gas Strut

Available Lengths: 295mm to 1200mm

Nm Starting From: 100Nm

GAS STRUTS



316g Stainless Steel Gas Strut Range

GSK15

6/15 Gas Strut

Available Lengths: 155mm to 505mm

Nm Starting From: 50Nm

GSK18

8/18 Gas Strut

Available Lengths: 310mm to 710mm

Nm Starting From: 100Nm

GSK22

10/22 Gas Strut

Available Lengths: 585mm to 820mm

Nm Starting From: 100Nm

GSK28

14/28 Gas Strut

Available Length: 1100mm

Nm Starting From: 100Nm

Automotive Gas Struts

If you need struts, or brackets for an Alfa, Apollo, Astra, Audi, Barina, BMW, Chrysler, Commodore, Daewoo, Fiesta, Focus, Ford, Holden, Honda, Hyundai, Jeep, Kia, Lamborghini, Laser, Lexus, Mazda, Mercedes, Mitsubishi, Mondeo, Nissan, Peugeot, Porsche, Probe, Renault, SAAB, Subaru, Suzuki, Toyota, VW, Volvo, or just about any other car or van. We have access to a large range that should do the trick!



End Fittings & Brackets

Plastic End



Angled End



Stainless End



Large Eyelet



Small Eyelet



Ball Joint



Shaft Extension



Steel Ball Stud



Stainless Ball Stud



External Right Angle



Internal Right Angle



Flat Bracket



Swivel Fitting



HAND TOOLS & PPE

Hacking Knife



Made in Germany (Bohle), has a plastic ergonomic handle, width 30 mm and Blade length 95 mm.

Putty Knife



Made in Germany. Blunt, curved, highly polished, continuous blade with brown polished wooden handle. Blade length 95 mm.

Deburring Tool



Compact deburring tool with soft grip and ball end that provides comfort and control. Quick clip replaceable blade.

Metal Heavy Duty Scraper



Very popular universal scraper, one of the safest to use as the blade cannot slide out during use.

18mm Cutting Knife



Original Olfa quality knife, stainless steel blade guide and blade 18mm width.

Retractable Knife



Automatic blade retracting system reduces injuries, die cast all metal construction for maximum strength.

Black Panther Industrial Snips



Ideal for industrial applications including wire netting, light gauge aluminium, carpet, leather, Kevlar®, and many other items.

High Tensile Industrial Snips



Ideal for high tensile industrial applications.

Universal Snips



For cutting carpet gripper and small PVC and timber mouldings. Replaceable blade and anvil available.

Left Cut Aviation Snips



Cuts up to 1.5mm cold rolled steel or 1.0mm Stainless Steel, Hi-Tensile pivot bolt for maximum durability.

Right Cut Aviation Snips



Cuts up to 1.5mm cold rolled steel or 1.0mm Stainless Steel, Hi-Tensile pivot bolt for maximum durability.

Straight Cut Aviation Snips



Cuts up to 1.5mm cold rolled steel or 1.0mm Stainless Steel, Hi-Tensile pivot bolt for maximum durability.

Macsim Caulking Gun



Skeleton caulking gun with automatic sealant stop. For 310 ml cartridges.

Albion Caulking Gun



Full sized handle for comfort and efficient dispensing, built-in cartridge puncture wire and ladder hook pull. Designed for thicker materials.

Heavy Duty Caulking Gun



For applying 310 ml cartridges, easy to use and quick feed with quick-release device.

Bostik Barrel Gun



The Application Barrel Gun has a 37cm long aluminium barrel that is used for 600ml sausages.

Ear Plugs Uncorded



Class 5 protection with SLC80 rating of 27dB, tapered design for easy fit, soft polyurethane for maximum comfort.

Ear Plugs Corded



Class 5 protection with SLC80 rating of 27dB, tapered design for easy fit, soft polyurethane for maximum comfort.

HAND TOOLS & PPE

Ear Plugs Band



Class 2 earplug with SLC80 rating of 21dB. Removable pads that are washable, reusable and easily replaced.

Safety Specs



Medium impact resistant, high quality anti-fog and anti-scratch lens. Available in: Clear, Smoke, Cool-Amber and Blue Mirror.

P2 Respirator Mask



Suitable for medical, soldering, welding, grinding, sanding and dusty environments.

Black Knight Gloves



Black Knight Gripmaster® coating technology ensures the Black Knight has excellent grip in wet, oily environments.

Allen Key Set



Imperial & Metric sets available, ball point allows for up to 25° entry angle and comes in a double layer holder.

Allen Key 'T' Handle



Imperial & Metric sets available, ergonomic smooth shape and handles are proportioned to each size.

Ultimax Tape Measure



Double sided blade printing, high impact resistant ABS casing with non-slip grip and 25mm wide blade for super standout.

Fluro Tape Measure



Strong and versatile, clear graduated markings and Hi-Vis colours to locate quicker in a toolbox.

Hand Stapler



Heavy duty, trade quality aluminium die-cast multi-function Staple Gun with power adjustment control system.

Riveting Tool



3 interchangeable nozzels with a range from 3.2mm to 6.4mm rivets and is suitable for both aluminium and stainless steel rivets.

Lever Rivnut Tool



Lever action rivnut tool.
Capacity: M3 - M10
Application: Steel, Stainless Steel and Aluminium rivnuts.

Ratchet Rivnut Tool



Ratchet rivnut tool.
Capacity: M6-M12
Application: Steel, Stainless Steel and Aluminium rivnuts.

BATTERY & PNEUMATIC TOOLS

Battery Operated Riveter



EB-50
Capacity: 2.4mm to 5mm rivets
Comes in plastic carry case, extra batteries available.

Pneumatic Riveter



RL-2
Capacity: 2.8mm to 4.8 rivets
Pressure: 70 to 100Psi
Weight: 1.34Kg


Pneumatic Rivnut Tool



RL-12AN
Capacity: M3 - M12 rivnuts
Pressure: 70 to 100Psi
Weight: 1.91Kg


THREAD TAPPING TOOLS

- 1st




Tapper

- Has a lead of 8 threads. Typically the starting Tap when tapping a thread.
- 2nd



Intermediate

- Has a lead of 4 threads. Most general purpose Tap. Can cut a thread into softer metals or used as the intermediate tap between the Tapper and Bottom tap.
- 3rd



Bottom

- Has a lead of 2 threads. Typically used as the last stage of tapping a thread proceeding the intermediate tap & also used for cleaning out an existing thread.



Metric Coarse	
Min. Diameter	Max. Diameter
M2	M56
Metric Fine	
Min. Diameter	Max. Diameter
M2	M50
Spark Plug	
Min. Diameter	Max. Diameter
M10	M18

Imperial UNC	
Min. Diameter	Max. Diameter
No:1	2"
Imperial UNF	
Min. Diameter	Max. Diameter
No:1	2"
BSW	
Min. Diameter	Max. Diameter
1/8"	2"

*Sizes available as an each (Tapper, Inter and Bottom) and as a kit. **Sizes available in different pitch
***Not all sizes are in stock but are available.

Tapping Wrench



Tapping Ratchet Wrench



Tapping Wrench



Die Wrench



Button Die
Available in most sizes and pitch.
To be used with a Die Wrench.



Die Nut
Available in most sizes and pitch.
To be used with a Socket Wrench or Spanner/Shifter.

THREAD REPAIR KITS & BURRS



Metric Coarse	
Min. Diameter	Max. Diameter
M2	M36

Metric Fine	
Min. Diameter	Max. Diameter
M8	M36

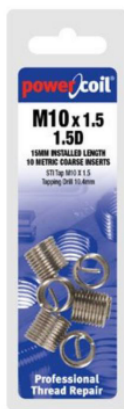
Spark Plug	
Min. Diameter	Max. Diameter
M10	M18

Imperial UNC	
Min. Diameter	Max. Diameter
No:2	1 1/2"

Imperial UNF	
Min. Diameter	Max. Diameter
No:3	1 1/2"

BSW	
Min. Diameter	Max. Diameter
1/8"	1"

Picture is representative of packaging type only.



Metric Coarse	
Min. Diameter	Max. Diameter
M2	M36

Metric Fine	
Min. Diameter	Max. Diameter
M6	M36

Spark Plug	
Min. Diameter	Max. Diameter
M10	M18

Imperial UNC	
Min. Diameter	Max. Diameter
No:2	1 1/2"

Imperial UNF	
Min. Diameter	Max. Diameter
No:3	1 1/2"

BSW	
Min. Diameter	Max. Diameter
1/8"	1"

*Coils available in different lengths and pitch

3pc Burr Kit

Express Cut Burrs made from Tungsten Carbide. General purpose burrs designed for rapid stock removal and improved operator control.

Kit Includes:

- 1x 3/8" Cylindrical End Cut
- 1x 1/2" Cylindrical Ball Nose
- 1x 1/2" 14 Degree Included Angle

*All with a 1/4" shank



5pc Burr Kit

Express Cut Burrs made from Tungsten Carbide. General purpose burrs designed for rapid stock removal and improved operator control.

Kit Includes:

- 1x 3/8" Cylindrical End Cut
- 1x 3/8" Cylindrical Ball Nose
- 1x 3/8" Tree Radius Nose
- 1x 1/2" Cylindrical Ball Nose
- 1x 1/2" Tree Radius Nose

*All with a 1/4" shank





AnchorMark Pty. Ltd., formerly known as fischer Australia, is an Australian owned and operated company established for the purpose of providing high quality products to the building, construction and metal industry at competitive prices.

Hammer Drill SDS MAX



The SDS Max drill chuck ensures optimum transfer of force and allows for rapid drilling progress for large volume drill holes and the drill bit head with four cutting edges prevents jamming in the concrete reinforcement. The quadruple flute reliably transports the drilling dust from the drill hole, thus reducing wear. The core-reinforced flute ensures maximum transfer of energy, and guarantees a low-vibration drilling.

Duopower Wall Plug



The fischer 2 K-Nylon Plug DUOPOWER is suitable for prepositioned and push-through installation. The duo of two different materials and its multi-functional abilities (expanding, folding, and knotting) extend the range of applications to additional materials with top loads. The plug has received great feedback, with users commenting on the feel-good factor. You can feel exactly when the plug is installed perfectly.

Premium Concrete Screw



Simple and time-saving threaded screws for the use in concrete. Ruspert coating provides excellent corrosion protection. Once screwed into the hole the thread taps into concrete for positive fit anchorage. Completely removable anchor suitable for temporary fixings. Virtually expansion-free operation allows cost-efficient fixing with small axial spaces and edge distances.

Ultracut Concrete Screw



Ultracut provides the best possible flexibility in load and fixture thickness with up to three permitted screw-in depths. The specialized saw tooth geometry allows it to cut quickly into the concrete. The anchoring is free from expansion pressure (undercut), ensuring the lowest possible axial spacing and edge spacing. Adjustments conforming to the approval makes it possible to loosen the concrete screws 2x, to place materials under and/or align the anchor base plate.

Internally Threaded Concrete Screw



Simple and time-saving threaded screws for the use in concrete. Ruspert coating provides excellent corrosion protection. Once screwed into the hole the thread taps into concrete for positive fit anchorage. Completely removable anchor suitable for temporary fixings. Virtually expansion-free operation allows cost-efficient fixing with small axial spaces and edge distances.

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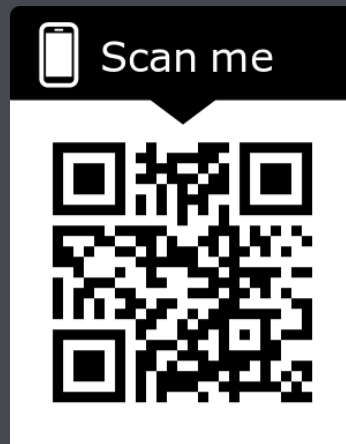
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