



*Range*

*Traceability*

*Certified*

*Value*



*Quality*

*Accredited*

# THE RANGE GUIDE

*Fasteners, Fixings, Hand Tools and PTAs*



*Power Tool Accessories*

*Consumables*



*Screws*



*Lubricants*



*Reliability*



*Fixings*

*Sealants*

*Fasteners*

*Hand Tools*



*Adhesives*



To view your unique pricing, live stock availability, and to see the full range of sizes and finishes currently available from H&C visit

**[www.harclo.com](http://www.harclo.com)**

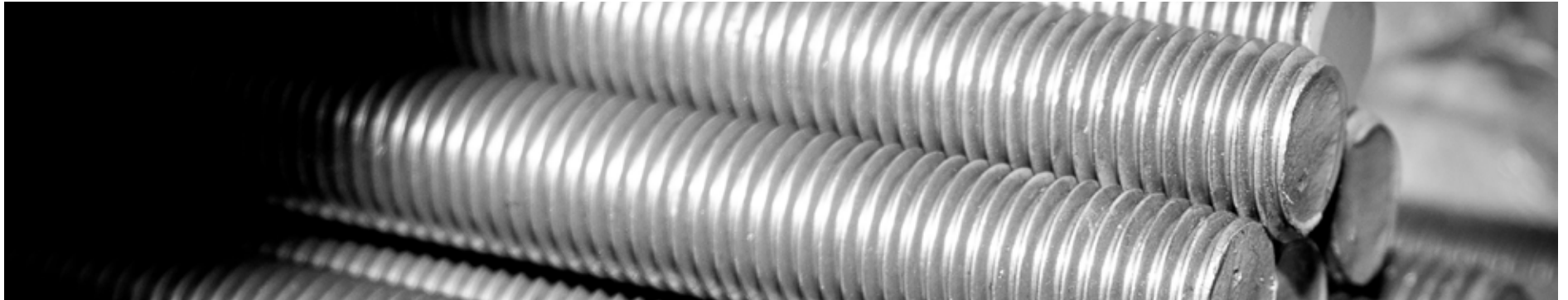
# **THE RANGE GUIDE**

*Fasteners, Fixings, Hand Tools and PTAs*



HARRISON & CLOUGH LTD

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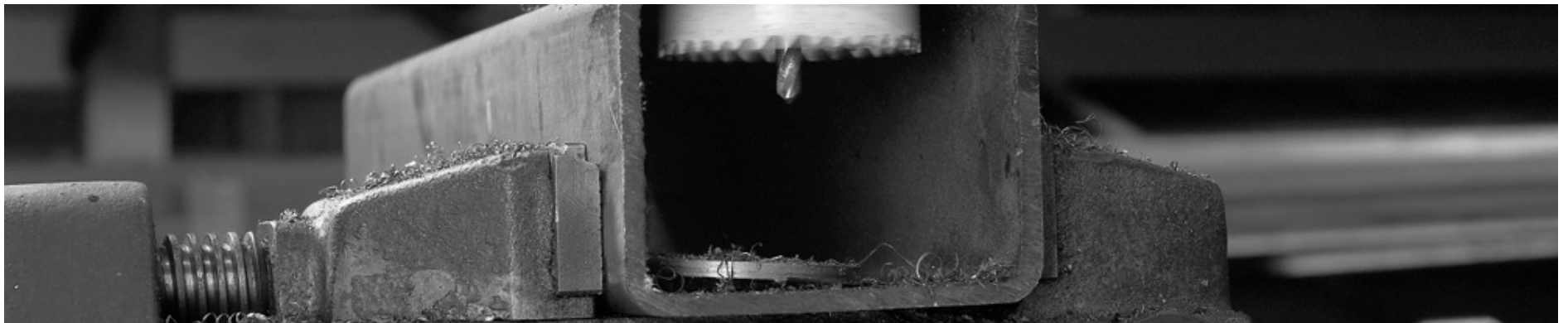
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# WELCOME

Welcome to our new product catalogue showcasing an extensive range of the finest quality fasteners, fixings, hand tools, power tool accessories and industrial consumables.

Harrison and Clough are a Yorkshire-based leading distributor of quality fasteners and fixings. As a fourth-generation family business, we have been providing first class services and support *exclusively* to the merchant trade for over 100 years. We only stock products sourced from accredited manufacturers or designed to our own very high standards. Brands you can trust through and through.

Our aim is to make trading as easy and straightforward as possible for our wholesale customers. With a team of experts on hand, we are here to answer your questions, meet your order requirements, and ensure the purchasing process is reliable and secure. We deliver quality products to wholesalers on time and to budget.

*Fast, Reliable and Secure.*



## COMPREHENSIVE PRODUCT RANGE

From metal fasteners, masonry fixings and wood screws to hand tools, industrial consumables and power tool accessories our vast range includes over 50,000 product lines – all available for next day delivery. And for those elusive, hard to find products our team will source these for you within seven to ten working days.

## FASTENERS

Harrison & Clough stock an extensive range of quality fasteners, fixings and screws including our own independently designed brands:

- METALMATE® – quality assured threaded fasteners for engineering, production, construction, repair and maintenance; available in a choice of finishes.
- TIMBERMATE® – specialist screws suitable for all timber and wood-based applications; designed for professional use.
- MASONMATE® – high specification fixings for all types of masonry, stone, brick and hollow wall applications; available in different finishes, styles and grades.
- TITE® RANGE – a highly innovative range of woodscrews designed for specialised requirements; delivering exceptional performance across a range of different substrates.



We also supply a choice of market leading fastener and fixings brands such as Lindapter, Excalibur, Sariv, Friulsider and Jubilee.

## TOOLS

Harrison & Clough are trusted by the world's foremost tool manufacturers. Quality is inherent in the brands we sell. We hold a wide-ranging collection of hand tool accessories and industrial consumables. Our product catalogue features prominent names including Stanley, Bahco, Irwin, Estwing, Marshalltown, Hardman, Bosch, Dormer, Starrett, Rocol, Everbuild and WD-40.





**OUR IN-HOUSE BRANDS – METALMATE, TIMBERMATE, MASONMATE AND THE TITE-RANGE MEET THE HIGHEST QUALITY REQUIREMENTS. MANUFACTURED TO INTERNATIONAL STANDARDS, OR TO OUR OWN IN-HOUSE DESIGN CRITERIA, PRODUCT SPECIFICATION AND PERFORMANCE IS VERIFIED BY TESTING TO RECOGNISED GUIDELINES. ASSESSMENT IS CONDUCTED BY APPROVED THIRD PARTY PROVIDERS OR THROUGH OUR OWN FACTORIES AND TECHNICAL TEAMS.**



## QUALITY STANDARDS

Quality is paramount. Integral to the products and services we provide. Harrison & Clough initially received recognition for the quality of our work processes in 1987 under the British standard BS:5750. Today we are proud to be operating under the international quality management standard ISO 9001:2015.

## TRUSTED SUPPLY CHAIN

Product quality starts with the careful selection of supply chain partners. We build sustainable trading relationships based on trust and mutual understanding but also friendship. Our supply chain partners must comply with the requirements of ISO: 9001:2015, and where appropriate ISO/TS 16949:2016.

## REGULAR AUDITS

Our supply chain partners are subject to regular audits to ensure compliance, overall service quality and timely order fulfilment. We also insist on routine assessments so the ownership of the factory does not threaten the integrity of Harrison & Clough. These strict quality procedures help us to be more efficient, improve product standards and deliver excellent customer service.

## PRODUCT CERTIFICATION

We offer a full product traceability service across our own in-house brands. We monitor the entire product journey – from source of supply to raw material and production. Certification for fastener products is available on request (*charges may apply*).

## CUSTOMER SUPPORT

We hold a comprehensive library of standards and testing equipment, which is continually maintained by our in-house Quality Manager. As a Harrison & Clough customer you are entitled to direct access to this facility and may address any queries or concerns upon request. Our support extends to site visits and on-site testing.

## RELIABILITY

From initial request to delivery, we strive to offer a market leading service to all our customers. Our tailor-made service is personal to you. All customers receive a dedicated internal contact, and are supported by a wealth of knowledge and information.

Our stock availability service – including picking, packing and delivery, is secure and reliable. It is intended to support your business and give you peace of mind. We aspire to make your experience working with Harrison & Clough easy and your account hassle free.

*“Integrity and a name we are proud of – it appears on all our packaging.”*

**METALMATE**<sup>®</sup>  
FASTENERS FOR METAL

QUALITY | RANGE | RELIABILITY



# METALMATE®

- ▶ METALMATE® provides quality assured threaded fasteners for engineering, production, construction, repair and maintenance.
- ▶ Quality standards are of the highest priority and to METALMATE® this means we do what we promise, in the best and fastest way possible.
- ▶ The METALMATE® range offers great depth and choice across common fasteners such as hexagon bolting, socket screws, nuts and washers, with a choice of materials and finishes.
- ▶ The METALMATE® range offers the following quality characteristics:
  - Full product traceability to the original raw material.
  - EN 10204 3.1 certification.
  - CR3 RoHS compliant.
  - Independently tested nuts.
  - Washers with a hardness HV 140 to 250 available.
  - CE approval and marking.

**3.1**  
CERTIFICATION  
AVAILABLE

**IND.**  
INDEPENDENTLY  
TESTED

**CE**  
APPROVED

**METALMATE®**  
FASTENERS FOR METAL

# BOLTING



## DIN 931 Grade 8.8 Hexagon Bolt

Self Colour  
Zinc Plated  
Hot Dipped Galvanised

**Sizes available from:**  
Diameter: **M4 to M56**  
Length: **8mm to 600mm**



METALMATE®  
FASTENERS FOR METAL



## DIN 931 Grade 10.9 Hexagon Bolt

Self Colour  
Zinc Plated

**Sizes available from:**  
Diameter: **M6 to M56**  
Length: **30mm to 760mm**



METALMATE®  
FASTENERS FOR METAL



## DIN 931 Non-Ferrous Hexagon Bolt

A2 Stainless Steel

**Sizes available from:**  
Diameter: **M6 to M24**  
Length: **25mm to 150mm**

METALMATE®  
FASTENERS FOR METAL



## DIN 960 Grade 8.8 Fine Pitch Hexagon Bolt

Self Colour

**Sizes available from:**  
Diameter: **M10 to M24**  
Length: **40mm to 200mm**



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FASTENERS FOR METAL



## DIN 933 Grade 8.8 Hexagon Setscrew

Self Colour  
Zinc Plated  
Hot Dipped Galvanised

**Sizes available from:**  
Diameter: **M3 to M48**  
Length: **6mm to 400mm**



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FASTENERS FOR METAL



## DIN 933 Grade 10.9 Hexagon Setscrew

Self Colour  
Zinc Plated

**Sizes available from:**  
Diameter: **M5 to M36**  
Length: **10mm to 200mm**



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FASTENERS FOR METAL



## DIN 933 Non-Ferrous Hexagon Setscrew

A2 Stainless Steel  
A4 Stainless Steel  
Brass

**Sizes available from:**  
Diameter: **M3 to M24**  
Length: **6mm to 200mm**

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## DIN 933 Nylon Hexagon Setscrew

Nylon 6.6

**Sizes available from:**  
Diameter: **M5 to M16**  
Length: **20mm to 55mm**

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FASTENERS FOR METAL



## DIN 961 Grade 8.8 Fine Pitch Hexagon Setscrew

Self Colour

**Sizes available from:**  
Diameter: **M8 to M24**  
Length: **16mm to 100mm**



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# BOLTING



**DIN 603/555**  
**Grade 4.8**  
Cup Square Hexagon  
Bolt & Nut

Zinc Plated  
Hot Dipped Galvanised

**Sizes available from:**  
Diameter: **M6 to M20**  
Length: **16mm to 400mm**



ALL ZINC PLATED LENGTHS UP TO &  
INCLUDING 150MM ARE FULLY THREADED

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FASTENERS FOR METAL



**DIN 603**  
**Non-Ferrous**  
Cup Square Bolt  
*Bolt Only*

A2 Stainless Steel

**Sizes available from:**  
Diameter: **M6 to M10**  
Length: **16mm to 100mm**

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FASTENERS FOR METAL



**EN: 15048-1:2007**  
**Grade 8.8**  
Assembled Bolting

Zinc Plated  
Hot Dipped Galvanised

**Sizes available from:**  
Diameter: **M12 to M24**  
Length: **30mm to 90mm**



**METALMATE®**  
FASTENERS FOR METAL



Key products within the METALMATE® range have full

# TRACEABILITY

available and are only ever sourced  
from our approved supply partners.

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FASTENERS FOR METAL

# ALLTHREAD



**DIN 975  
Grade 4.8**  
Mild Steel Allthread

*Self Colour  
Zinc Plated*

**Sizes available from:**  
Diameter: **M3 to M48**  
Length: **300mm to 3mtr**

UNC / UNF / BSW / BSF  
SIZING ALSO AVAILABLE

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FASTENERS FOR METAL



**DIN 975  
Grade 4.8  
Fine Pitch**  
Mild Steel Allthread

*Self Colour*

**Sizes available from:**  
Pitch: **1.0 / 1.25 / 1.5 / 2.0**  
Diameter: **M10 to M24**  
Length: **1mtr**

**METALMATE®**  
FASTENERS FOR METAL



**DIN 975  
Grade 4.8  
Left Hand**  
Mild Steel Allthread

*Self Colour*

**Sizes available from:**  
Diameter: **M8 to M24**  
Length: **1mtr**

**METALMATE®**  
FASTENERS FOR METAL



**DIN 975  
Non-Ferrous**  
Allthread

*A2 Stainless Steel  
A4 Stainless Steel  
Brass*

**Sizes available from:**  
Diameter: **M3 to M30**  
Length: **300mm to 3mtr**

**METALMATE®**  
FASTENERS FOR METAL



**DIN 975  
Nylon**  
Allthread

*Nylon 6.6*

**Sizes available from:**  
Diameter: **M6 to M12**  
Length: **1mtr**

**METALMATE®**  
FASTENERS FOR METAL



**DIN 975  
Grade 8.8**  
Allthread

*Self Colour  
Galvanised  
Zinc Plated*

**Sizes available from:**  
Diameter: **M6 to M30**  
Length: **1mtr to 3mtr**

**METALMATE®**  
FASTENERS FOR METAL

# HEXAGON SOCKET SCREWS



## DIN 912 Grade 12.9 Cap Screw

Self Colour  
Zinc Plated

**Sizes available from:**  
Diameter: **M2** to **M48**  
Length: **4mm** to **400mm**



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## DIN 912 Non-Ferrous Cap Screw

A2 Stainless Steel

**Sizes available from:**  
Diameter: **M2.5** to **M16**  
Length: **6mm** to **160mm**

METALMATE®  
FASTENERS FOR METAL



## DIN 7991 Grade 10.9 Countersunk Screw

Self Colour  
Zinc Plated

**Sizes available from:**  
Diameter: **M3** to **M24**  
Length: **6mm** to **200mm**



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FASTENERS FOR METAL



## DIN 7991 Non-Ferrous Countersunk Screw

A2 Stainless Steel

**Sizes available from:**  
Diameter: **M3** to **M16**  
Length: **6mm** to **100mm**

METALMATE®  
FASTENERS FOR METAL



## ISO: 7380 Grade 10.9 Dome Screw

Self Colour  
Zinc Plated

**Sizes available from:**  
Diameter: **M3** to **M16**  
Length: **5mm** to **120mm**



METALMATE®  
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## ISO: 7380 Non-Ferrous Dome Screw

A2 Stainless Steel

**Sizes available from:**  
Diameter: **M3** to **M12**  
Length: **6mm** to **80mm**

METALMATE®  
FASTENERS FOR METAL

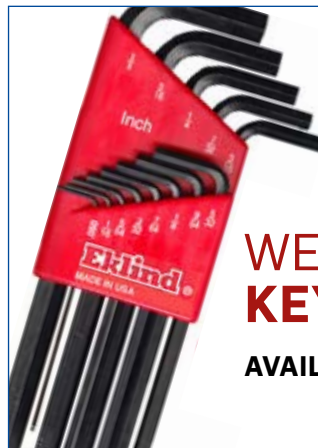


## DIN 267 Grade 10.9 Dome Flange Screw

Self Colour  
Zinc Plated

**Sizes available from:**  
Diameter: **M3** to **M10**  
Length: **6mm** to **50mm**

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FASTENERS FOR METAL



## WE STOCK KEYS

AVAILABLE ON PAGE 78

# HEXAGON SOCKET SCREWS



## **DIN 916** **Grade 14.9** Setscrew

*Self Colour*  
*Zinc Plated*

**Sizes available from:**  
*Diameter: M2 to M24*  
*Length: 2mm to 60mm*

**METALMATE®**  
FASTENERS FOR METAL



## **DIN 916** **Non-Ferrous** Setscrew

*A2 Stainless Steel*

**Sizes available from:**  
*Diameter: M3 to M12*  
*Length: 2mm to 60mm*

**METALMATE®**  
FASTENERS FOR METAL



## **ISO: 7379** **Grade 12.9** Shoulder Screw

*Self Colour*

**Sizes available from:**  
*Diameter: M6 to M16*  
*Length: 10mm to 100mm*

**METALMATE®**  
FASTENERS FOR METAL

**METALMATE®**  
FASTENERS FOR METAL



### **SOCKET CAP SCREW**

Socket head cap screws are designed to be used with the head protruding or counter bored. They should be used where high strength and ease of installation are required.

### **SOCKET COUNTERSUNK SCREW**

Flat socket head cap screws are designed for use in applications where the head cannot protrude above the mating parts. They are set in countersunk holes and the top of the head is flush with the surface of the assembly.



### **SOCKET SHOULDER SCREW**

The shoulder on these parts allow them to be used in applications where mating parts need to be adjusted, slid or pivoted without removing the fastener.

### **SOCKET DOME SCREW**

Socket dome screws are designed for applications that allow the head to protrude above the mating parts. The curved design of the dome head is decorative and protects adjoining parts from scrapes or other damage. The greater underhead area also protects mating parts from damage.



### **SOCKET SET SCREW**

Socket set screws are designed to be used where permanent or adjustable locations of components on shafts is required.



### **SOCKET DOME FLANGE SCREW**

Works in the same way as the regular socket dome screw but with the addition of a greater underhead bearing surface which eliminates the need for washers and helps prevent damage such as indentation to the mating part.

**METALMATE®**  
FASTENERS FOR METAL

# NUTS

## DIN 934 Grade 8 Full Nut



Self Colour  
Zinc Plated  
Galvanised



**Sizes available from:**  
Diameter: **M6 to M48**

UNC / UNF / BSW / BSF  
SIZING ALSO AVAILABLE

METALMATE®  
FASTENERS FOR METAL

## DIN 934 Grade 10 Full Nut



Self Colour  
Zinc Plated



**Sizes available from:**  
Diameter: **M6 to M52**

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FASTENERS FOR METAL

## DIN 934 Non-Ferrous Full Nut



Brass  
A2 Stainless Steel  
A4 Stainless Steel

**Sizes available from:**  
Diameter: **M2 to M30**

METALMATE®  
FASTENERS FOR METAL

## DIN 934 Nylon Full Nut



Nylon 6.6

**Sizes available from:**  
Diameter: **M3 to M12**

METALMATE®  
FASTENERS FOR METAL

## DIN 982/6924 Class 8 Nylon Insert Nut Type P



Zinc Plated

**Sizes available from:**  
Diameter: **M4 to M24**

UNC / UNF  
SIZING ALSO AVAILABLE

METALMATE®  
FASTENERS FOR METAL

## DIN 985 Class 6 Nylon Insert Nut Type T



Zinc Plated  
Mechanical Galvanised

**Sizes available from:**  
Diameter: **M3 to M36**

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FASTENERS FOR METAL

## DIN 985 Non-Ferrous Nylon Insert Nut Type T



A2 Stainless Steel  
A4 Stainless Steel

**Sizes available from:**  
Diameter: **M3 to M24**

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## DIN 982 Grade 10 Nylon Insert Nut Type P



Zinc Plated

**Sizes available from:**  
Diameter: **M8 to M24**

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FASTENERS FOR METAL

## DIN 439B Grade 4 Lock Nut



Self Colour  
Zinc Plated

**Sizes available from:**  
Diameter: **M4 to M48**

METALMATE®  
FASTENERS FOR METAL

# NUTS

## DIN 439B Non-Ferrous Lock Nut



Brass  
A2 Stainless Steel

**Sizes available from:**  
Diameter: **M4 to M20**

METALMATE®  
FASTENERS FOR METAL

## DIN 980V Class 8 All Metal Lock Nut



Zinc Plated

**Sizes available from:**  
Diameter: **M8 to M20**

METALMATE®  
FASTENERS FOR METAL

## DIN 980V Class 8 Stover Self Locking Nut



Zinc Plated

**Sizes available from:**  
Diameter: **M6 to M24**

## DIN 6923 Class 8 Plain Flange Nut



Zinc Plated

**Sizes available from:**  
Diameter: **M4 to M12**

METALMATE®  
FASTENERS FOR METAL

## DIN 6923 Class 8 Serrated Flange Nut



Zinc Plated

**Sizes available from:**  
Diameter: **M4 to M20**

METALMATE®  
FASTENERS FOR METAL

## DIN 1587 Class 6 Dome Nut



Self Colour  
Zinc Plated

**Sizes available from:**  
Diameter: **M4 to M20**

METALMATE®  
FASTENERS FOR METAL

## DIN 1587 Non-Ferrous Dome Nut



A2 Stainless Steel

**Sizes available from:**  
Diameter: **M4 to M20**

METALMATE®  
FASTENERS FOR METAL

## DIN 6334 Class 6 Connecting Nut



Zinc Plated

**Sizes available from:**  
Diameter:  
**M6 x 18mm to M24 x 72mm**

METALMATE®  
FASTENERS FOR METAL

## DIN 929 Class 4 Weld Nut



Self Colour

**Sizes available from:**  
Diameter: **M6 to M12**

METALMATE®  
FASTENERS FOR METAL



# NUTS

## Grade 4 Binx Self Locking Nut

*Zinc Plated*

**Sizes available from:**  
Diameter: **M4 to M30**



**BINX**

## BS 3692 Grade 4 Bright Mild Steel Lock Nut

*Self Colour*

**Sizes available from:**  
Diameter: **M8 to M48**



**METALMATE**  
FASTENERS FOR METAL

## BS 3692 Grade 4 Left Hand Bright Mild Steel Lock Nut

*Self Colour*

**Sizes available from:**  
Diameter: **M10 to M20**



**METALMATE**  
FASTENERS FOR METAL

## BS 3692 Grade 4 Bright Mild Steel Full Nut

*Self Colour*

**Sizes available from:**  
Diameter: **M6 to M42**



**METALMATE**  
FASTENERS FOR METAL

## BS 3692 Grade 4 Left Hand Bright Mild Steel Full Nut

*Self Colour*

**Sizes available from:**  
Diameter: **M6 to M30**



**METALMATE**  
FASTENERS FOR METAL

## BS 3692 Bright Mild Steel Castle Nut

*Self Colour*

**Sizes available from:**  
Diameter: **M6 to M48**



**METALMATE**  
FASTENERS FOR METAL

## BS 3692 Bright Mild Steel Slotted Nut

*Self Colour*

**Sizes available from:**  
Diameter: **M10 to M36**



**METALMATE**  
FASTENERS FOR METAL

## STANDARD PATTERN Wing Nut

*Zinc Plated  
A2 Stainless Steel*

**Sizes available from:**  
Diameter: **M5 to M16**



**METALMATE**  
FASTENERS FOR METAL

## Pronged Tee Nut

*Self Colour  
Zinc Plated*

**Sizes available from:**  
Diameter: **M4 to M10**



**METALMATE**  
FASTENERS FOR METAL

# WASHERS

## DIN 125 Plain Washer Type A



*Self Colour  
Zinc Plated  
Galvanised*

**Sizes available from:**  
Diameter: **2mm to 42mm**

**HARDNESS HV**  
140 to 250

**METALMATE®**  
FASTENERS FOR METAL

## DIN 125 Non-Ferrous Plain Washer Type A



*Brass  
A2 Stainless Steel  
A4 Stainless Steel*

**Sizes available from:**  
Diameter: **3mm to 30mm**

**METALMATE®**  
FASTENERS FOR METAL

## DIN 125 Nylon Plain Washer Type A



*Nylon 6.6*

**Sizes available from:**  
Diameter: **2.5mm to 24mm**

**METALMATE®**  
FASTENERS FOR METAL

## BS 4320 Plain Washer Form B



*Self Colour  
Zinc Plated*

**Sizes available from:**  
Diameter: **5mm to 36mm**

**HARDNESS HV**  
140 to 250

**METALMATE®**  
FASTENERS FOR METAL

## BS 4320 Non-Ferrous Plain Washer Form B



*Brass  
A2 Stainless Steel  
A4 Stainless Steel*

**Sizes available from:**  
Diameter: **6mm to 24mm**

**METALMATE®**  
FASTENERS FOR METAL

## BS 4320 Plain Washer Form C



*Zinc Plated*

**Sizes available from:**  
Diameter: **4mm to 24mm**

**HARDNESS HV**  
140 to 250

**METALMATE®**  
FASTENERS FOR METAL

## BS 4320 Non-Ferrous Plain Washer Form C



*A2 Stainless Steel*

**Sizes available from:**  
Diameter: **4mm to 20mm**

**METALMATE®**  
FASTENERS FOR METAL

## BS 4320 Black Mild Steel Washer Form G



*Self Colour  
Zinc Plated  
Galvanised*

**Sizes available from:**  
Diameter: **5mm to 30mm**

**METALMATE®**  
FASTENERS FOR METAL

## BS 3410 Light Plain Washer T3



*Self Colour  
Zinc Plated*

**Sizes available from:**  
Diameter: **3/16" to 2"**

**METALMATE®**  
FASTENERS FOR METAL

# WASHERS

## **BS 3410** **Heavy** Plain Washer T3



Self Colour  
Zinc Plated

**Sizes available from:**  
Diameter: 3/16" to 2"

METALMATE®  
FASTENERS FOR METAL

## **BS 3410** **Light** Plain Washer T4



Zinc Plated

**Sizes available from:**  
Diameter: 1/8" to 1"

METALMATE®  
FASTENERS FOR METAL

## **BS 3410** **Heavy** Plain Washer T4



Self Colour  
Zinc Plated

**Sizes available from:**  
Diameter: 3/16" to 1.1/2"

METALMATE®  
FASTENERS FOR METAL

## Repair Washer

Zinc Plated



**Sizes available from:**  
Diameter: 5mm to 12mm

HARDNESS HV  
140 to 250

METALMATE®  
FASTENERS FOR METAL

## **Non-Ferrous** Repair Washer

A2 Stainless Steel



**Sizes available from:**  
Diameter: 5mm to 12mm

METALMATE®  
FASTENERS FOR METAL

## **DIN 127B** Rectangular Section Spring Washer



Zinc Plated

**Sizes available from:**  
Diameter: 3mm to 24mm

METALMATE®  
FASTENERS FOR METAL

## **DIN 127B** **Non-Ferrous** Rectangular Section Spring Washer



A2 Stainless Steel

**Sizes available from:**  
Diameter: 5mm to 16mm

METALMATE®  
FASTENERS FOR METAL

## **DIN 7980** Square Section Spring Washer



Zinc Plated

**Sizes available from:**  
Diameter: 3mm to 24mm

METALMATE®  
FASTENERS FOR METAL

## **DIN 7980** **Non-Ferrous** Square Section Spring Washer



A2 Stainless Steel  
A4 Stainless Steel  
Phosphor Bronze

**Sizes available from:**  
Diameter: 3mm to 24mm

METALMATE®  
FASTENERS FOR METAL

# WASHERS

## DIN 6797 Internal Lock Washer *Open Tooth Type*



Zinc Plated

**Sizes available from:**  
Diameter: 4mm to 16mm

METALMATE®  
FASTENERS FOR METAL

## DIN 6798 Internal Shakeproof Washer



Zinc Plated

**Sizes available from:**  
Diameter: 3mm to 30mm

METALMATE®  
FASTENERS FOR METAL

## DIN 6798 Non-Ferrous Internal Shakeproof Washer



A2 Stainless Steel

**Sizes available from:**  
Diameter: 4mm to 24mm

METALMATE®  
FASTENERS FOR METAL

## DIN 6798 External Shakeproof Washer



Zinc Plated

**Sizes available from:**  
Diameter: 3mm to 24mm

METALMATE®  
FASTENERS FOR METAL

## DIN 6916 Through Hardened Washer



Self Colour

**Sizes available from:**  
Diameter: 12mm to 24mm

HARDNESS HV  
140 to 250

METALMATE®  
FASTENERS FOR METAL

## BS 3410 Square Plate Washer



Zinc Plated

**Sizes available from:**  
Diameter: 8mm to 24mm

METALMATE®  
FASTENERS FOR METAL

## Starlock Washer

*Capped or Uncapped*



**Sizes available from:**  
Diameter: 2mm to 24mm

METALMATE®  
FASTENERS FOR METAL

## Non-Ferrous Crinkle Washer



A2 Stainless Steel

**Sizes available from:**  
Diameter: 4mm to 12mm

METALMATE®  
FASTENERS FOR METAL

## Red Fibre Washer



Self Colour

**Sizes available from:**  
Diameter: 2.5mm to 16mm

METALMATE®  
FASTENERS FOR METAL

# MACHINE SCREWS



## DIN 84 Slotted Cheese Head

*Zinc Plated*

**Sizes available from:**  
Diameter: **M3 to M6**  
Length: **5mm to 50mm**

METALMATE®  
FASTENERS FOR METAL



## DIN 84 Non-Ferrous Slotted Cheese Head

*Brass*

**Sizes available from:**  
Diameter: **M3 to M6**  
Length: **6mm to 30mm**

METALMATE®  
FASTENERS FOR METAL



## DIN 85 Slotted Pan Head

*Zinc Plated*

**Sizes available from:**  
Diameter: **M3 to M8**  
Length: **5mm to 70mm**

METALMATE®  
FASTENERS FOR METAL



## DIN 85 Non-Ferrous Slotted Pan Head

*A2 Stainless Steel  
Brass*

**Sizes available from:**  
Diameter: **M3 to M8**  
Length: **5mm to 70mm**

METALMATE®  
FASTENERS FOR METAL



## DIN 7985 Pozi Pan Head

*Zinc Plated*

**Sizes available from:**  
Diameter: **M2 to M8**  
Length: **4mm to 100mm**

METALMATE®  
FASTENERS FOR METAL



## DIN 7985 Non-Ferrous Pozi Pan Head

*A2 Stainless Steel*

**Sizes available from:**  
Diameter: **M3 to M8**  
Length: **4mm to 50mm**

METALMATE®  
FASTENERS FOR METAL



## DIN 963 Slotted Countersunk Head

*Zinc Plated*

**Sizes available from:**  
Diameter: **M3 to M12**  
Length: **6mm to 100mm**

METALMATE®  
FASTENERS FOR METAL



## DIN 963 Non-Ferrous Slotted Countersunk Head

*A2 Stainless Steel  
Brass*

**Sizes available from:**  
Diameter: **M3 to M10**  
Length: **6mm to 100mm**

METALMATE®  
FASTENERS FOR METAL



## DIN 964 Non-Ferrous Slotted Raised Head

*Brass Nickel Plated*

**Sizes available from:**  
Diameter: **M3.5**  
Length: **12mm to 75mm**

METALMATE®  
FASTENERS FOR METAL

# MACHINE SCREWS



## DIN 965 Pozi Countersunk Head

Zinc Plated

**Sizes available from:**  
Diameter: **M2.5 to M8**  
Length: **5mm to 70mm**

METALMATE®  
FASTENERS FOR METAL



## DIN 965 Non-Ferrous Pozi Countersunk Head

A2 Stainless Steel

**Sizes available from:**  
Diameter: **M3 to M8**  
Length: **5mm to 50mm**

METALMATE®  
FASTENERS FOR METAL



**LARGE  
SELECTION OF  
SCREWDRIVERS**

**AVAILABLE ON PAGE 80**



## METALMATE® MACHINE SCREWS

A machine screw consists of a threaded piece of wire or rod with a head on one end for driving used in conjunction with a nut or tapped hole of the equivalent size.

Machine screws are one of the simplest, oldest and cheapest methods of joining two parts together. They allow the parts to be separated without damage to either part.

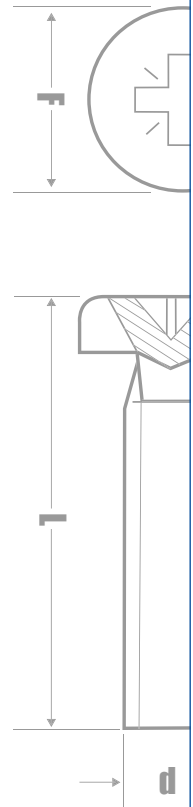
Our machine screws are available with either a slotted or Pozidriv recess, and with a variety of head styles.

## BENEFITS OF USING A POZIDRIV HEAD

The Pozidriv recess has vertical driving faces, the great advantage of which is that 'cam-out' is eliminated. Resulting benefits are:

1. No recess damage during driving, which facilitates full tightening and lessens the hazard of loose screws in assembly. Higher torques can be applied and tighter joints obtained, while screws can be easily removed, lessening service problems.
2. Reduced damage to work since the driver stays put in the recess at all times and will not slip out accidentally.
3. Reduced driver damage gives increased driver life and helps to reduce assembly costs.
4. Reduced operator fatigue because negligible end-load is required to keep the driver in the recess and operators thus remain fresh to increase their work output.
5. Alignment is easier due to the positive engagement of the Pozidriv recess and the driver. This results in greater control in driving screws from difficult angles. At the same time the speed of driving is increased.

Screw Diameter	M2	M2.5	M3	M3.5	M4	M5	M6	M8
Pozidriv Size	0	1	1	2	2	2	3	4



# SELF TAPPING SCREWS



**DIN 7981**  
**Type AB**  
Pozi Pan Head

*Zinc Plated*

**Sizes available from:**  
Diameter: 4swg to 14swg  
Length: 1/4" to 2"

METALMATE®  
FASTENERS FOR METAL



**DIN 7981**  
**Type AB**  
**Non-Ferrous**  
Pozi Pan Head

*A2 Stainless Steel*

**Sizes available from:**  
Diameter: 4swg to 14swg  
Length: 1/4" to 2"

METALMATE®  
FASTENERS FOR METAL



**DIN 7982C/Z**  
**Type AB**  
Pozi Countersunk Head

*Zinc Plated*

**Sizes available from:**  
Diameter: 4swg to 14swg  
Length: 3/8" to 2"

METALMATE®  
FASTENERS FOR METAL



**DIN 7982C/Z**  
**Type AB**  
**Non-Ferrous**  
Pozi Countersunk Head

*A2 Stainless Steel*

**Sizes available from:**  
Diameter: 4swg to 14swg  
Length: 3/8" to 2"

METALMATE®  
FASTENERS FOR METAL



**BS 4174**  
**Type AB**  
Pozi Flange Head

*Zinc Plated*

**Sizes available from:**  
Diameter: 6swg to 12swg  
Length: 3/8" to 1"

METALMATE®  
FASTENERS FOR METAL



**DIN 7504K**  
**Self Drilling**  
Hexagon Head

*Zinc Plated*

**Sizes available from:**  
Diameter: 3.5mm to 6.3mm  
Length: 9.5mm to 50mm

METALMATE®  
FASTENERS FOR METAL



**DIN 7504P**  
**Self Drilling**  
Phillips Countersunk  
Head

*Zinc Plated*

**Sizes available from:**  
Diameter: 3.5mm to 4.8mm  
Length: 13mm to 45mm

METALMATE®  
FASTENERS FOR METAL



**DIN 7504N**  
**Self Drilling**  
Phillips Pan Head

*Zinc Plated*

**Sizes available from:**  
Diameter: 3.5mm to 5.5mm  
Length: 9.5mm to 38mm

METALMATE®  
FASTENERS FOR METAL

# RIVETS




**Multi Grip Rivet**

Aluminium  
Zinc Plated Steel

**Sizes available from:**  
Diameter: **3.2mm to 4.8mm**



**Multi Grip**  
Vibrations free,  
wide range of grip


**Sealed (Cap) Rivet**

Aluminium

**Sizes available from:**  
Diameter: **3.2mm to 4.8mm**



**Sealed Type**  
100% mandrel head  
retention, pressure and  
water-tightness.




**Dome Rivet**

Copper  
Aluminium  
Zinc Plated Steel  
Stainless Steel

**Sizes available from:**  
Diameter: **2.4mm to 6.4mm**



**Dome Head**  
Standard low-profile  
head, suitable for  
most applications.




**Countersunk Rivet**

Aluminium  
Zinc Plated Steel  
Stainless Steel

**Sizes available from:**  
Diameter: **3.2mm to 4.8mm**



**Countersunk**  
120° head design.  
Used wherever a flush  
surface is required.





**Flange Rivet**

Aluminium

**Sizes available from:**  
Diameter: **3.2mm to 4.8mm**




**Flange**  
For use where thin,  
brittle, soft, or vulnerable  
materials are fastened.  
Provides large bearing  
surface on primary  
side; ideal for covering  
enlarged holes or slots.


**Peel Rivet**

Aluminium

**Sizes available from:**  
Diameter: **4mm to 4.8mm**





**Peel Type**  
Suitable for joining  
plastics, rubber, wood  
and laminates, tolerance  
of over-sized holes.

**Dome Head Rivet Nut**

Aluminium  
Steel  
A2 Stainless Steel



**Sizes available from:**  
Diameter: **M4 to M10**

**Countersunk Head Rivet Nut**

Steel


**Sizes available from:**  
Diameter: **M4 to M8**

**Small Head Rivet Nut**

Steel

**Sizes available from:**  
Diameter: **M4 to M10**





# SELF DRILLING SCREWS



## Light Section Drill Screw

Zinc Plated

**Sizes available from:**  
Diameter: 5.5mm  
Length: 25mm to 100mm

AVAILABLE WITH OR WITHOUT A BONDED WASHER

METALMATE®  
FASTENERS FOR METAL



## Heavy Section Drill Screw

Zinc Plated

**Sizes available from:**  
Diameter: 5.5mm  
Length: 25mm to 100mm

AVAILABLE WITH OR WITHOUT A BONDED WASHER

METALMATE®  
FASTENERS FOR METAL



## Drill Screw with Wings

Zinc Plated

**Sizes available from:**  
Diameter: 4.8mm & 5.5mm  
Length: 38mm to 120mm

ALSO AVAILABLE WITH A COARSE THREAD

METALMATE®  
FASTENERS FOR METAL



## Stitching Screw

Zinc Plated

**Sizes available from:**  
Diameter: 6.3mm  
Length: 25mm

METALMATE®  
FASTENERS FOR METAL



## POWER TOOL ACCESSORY RANGE

STARTS ON PAGE 86

**METALMATE®**  
FASTENERS FOR METAL

### Self Drilling Screws

**NEW Self Drilling Screws range guide available**

**Ask sales for more information**

# ROOFING



Roofing Bolt  
& Square Nut

*Zinc Plated*

**Sizes available from:**  
Diameter: **M5 to M10**  
Length: **8mm to 180mm**

METALMATE®  
FASTENERS FOR METAL



Hook Bolt  
& Square Nut

*Zinc & Yellow*

**Sizes available from:**  
Diameter: **M6 to M8**  
Length: **60mm to 220mm**

METALMATE®  
FASTENERS FOR METAL



Mild Steel  
Flat Roofing Washer

*Zinc Plated*

**Sizes available from:**  
**6.6 x 18 x 1.25mm**  
& **8.4 x 21 x 1.4mm**

METALMATE®  
FASTENERS FOR METAL



Selawasher

*Black*  
*Clear*

**Sizes available from:**  
ID: **6mm & 8mm**  
OD: **20mm & 28mm**

METALMATE®  
FASTENERS FOR METAL



Selacover

*Black*  
*Clear*

**Sizes available from:**  
Diameter: **20mm & 28mm**

METALMATE®  
FASTENERS FOR METAL



Dowty Washer

*Black*

**Sizes available from:**  
Diameter: **M6 to M8**

METALMATE®  
FASTENERS FOR METAL

# LIFTING & CLAMPING

## DIN 582

Eye nut

Self Colour

**Sizes available from:**  
Diameter: **M10 to M16**



METALMATE®  
FASTENERS FOR METAL

## BS 4278 Table 3

Dynamo Eyebolt

Self Colour

**Sizes available from:**  
Diameter: **M6 to M24**



METALMATE®  
FASTENERS FOR METAL

## BS 4278 Table 1

Collared Eyebolt

Self Colour

**Sizes available from:**  
Diameter: **M6 to M24**



METALMATE®  
FASTENERS FOR METAL

## COMMERCIAL PATTERN

D Shackle

Galvanised

**Sizes available from:**  
Diameter: **3/16" to 3/4"**



METALMATE®  
FASTENERS FOR METAL

Wire Rope Grip

Galvanised

**Sizes available from:**  
Diameter: **1/8" to 3/4"**



METALMATE®  
FASTENERS FOR METAL

U Bolt + 2 Nuts

Zinc Plated

**Sizes available from:**  
Diameter: **M8 to M16**  
Length: **15mm to 150mm**



METALMATE®  
FASTENERS FOR METAL

# PINS



## DIN 1481 Spring Tension (Sellok Pins)

*Self Colour*

**Sizes available from:**  
Diameter: **M1.5 to M12**  
Length: **6mm to 100mm**

METALMATE®  
FASTENERS FOR METAL



## BS 1574 Cotter Pin

*Self Colour*

**Sizes available from:**  
Diameter: **M2 to M8**  
Length: **16mm to 100mm**

METALMATE®  
FASTENERS FOR METAL



## BS 1804 Part 2 Hardened & Ground Dowel Pin

*Self Colour*

**Sizes available from:**  
Diameter: **4mm to 16mm**  
Length: **10mm to 100mm**

METALMATE®  
FASTENERS FOR METAL



## ISO: 8735 Extractable Dowel Pin

*Self Colour*

**Sizes available from:**  
Diameter: **6mm to 16mm**  
Length: **20mm to 80mm**

METALMATE®  
FASTENERS FOR METAL



## Dowel Pin

*Silver Steel*

**Sizes available from:**  
Diameter: **3mm**  
Length: **10mm to 25mm**

METALMATE®  
FASTENERS FOR METAL

## HOSE CLIPS



### Jubilee Hose Clips

*Zinc Plated*

**Sizes available from:  
9.5mm to 318mm**



### **Non-Ferrous** Jubilee Hose Clips

*Stainless Steel*

**Sizes available from:  
9.5mm to 318mm**



### JCS Hose Clips

*Zinc Plated*

**Sizes available from:  
9.5mm to 180mm**



## RIVET BUSHES



### Hexagon Hank Rivet Bush

*Self Colour  
Zinc Plated*

**Sizes available from:  
Diameter: M3 to M10  
Length: 10G to 20G**



### Round Serrated Hank Rivet Bush

*Self Colour  
Zinc Plated*

**Sizes available from:  
Diameter: M3 to M10  
Length: 10G to 18G**



lindapter®



# CE Marked Steelwork Connections by Lindapter


Almost every conceivable steel connection can be quickly achieved without on-site drilling or welding by using Lindapter's CE Marked fixings. The approval gives contractors confidence in ensuring compliance with the CPR and the additional assurance that a product will perform as stated in its DoP.




**Girder Clamps** 


Lindapter fixings are designed to reduce installation time and labour costs. Simply clamping two steel sections together creates a strong, permanent (or temporary) connection.

> Product example: Type AF 



**Hollo-Bolt®** 

The original expansion bolt for structural steel connects steel sections to pre-drilled Structural Hollow Section (SHS), requiring access from one side only.

> Product example: Hollo-Bolt® HCF 

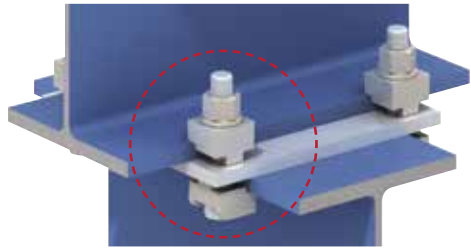


**Floor Fixings** 

A range of heavy duty fixings to secure steel plate or open bar grating to steelwork that only require hand tools to install and are removable for maintenance.

> Product example: Grate-Fast® 

Get the latest Lindapter catalogue - please call Harrison & Clough Ltd. on **0844 571 2222**



## Girder Clamps

For over 80 years, Lindapter has pioneered the design and manufacture of quality steelwork connection solutions. The Girder Clamp symbolises Lindapter's philosophy perfectly by challenging the need to drill or weld, when a safe, high strength connection can be quickly accomplished by clamping two steel sections together.



**Product Example: Type A >**



## Hollo-Bolt®

The CE marked Hollo-Bolt by Lindapter is a simple, cost-effective connection for SHS and other hollow sections, or alternatively, conventional steelwork where access is only available from one side. It can be used as a primary structural connection as detailed in the SCI/BCSA publication 'Joints in Steel Construction – Simple Connections'.



**Product Example: Hollo-Bolt (HCF) >**



## Decking Fixings

Lindapter's range of high quality, cost-effective building services connections are designed to fit inside the dovetail shaped re-entrant channel of decking profiles and are compatible with various steel decking profiles from major manufacturers including Hare Decking, CMF®, Kingspan®, Tata Steel® and SMD®.



**Product Example: Type TR60 >**

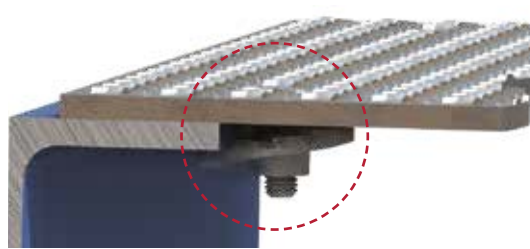


## Support Fixings

This range of easy-to-install, adjustable solutions for supporting building services from structural or secondary beams are ideal for applications such as suspending HVAC equipment, pipe work, fire protection/sprinkler systems, suspended ceilings as well as electrical equipment.



**Product Example: Type F3 >**

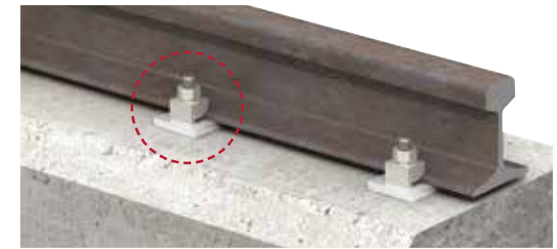


## Floor Fixings

Use Lindapter floor fixings to connect steel flooring to supporting steel without on-site drilling or welding. Access to the flooring underside is not required, eliminating the need for costly scaffolding or elevated floors. Installation can be carried out quickly and safely from above, often by one person.



**Product Example: Type FF >**



## Rail Fixings

Whether securing a new roof to a station building, adding new digital displays to station platforms or fixing low speed rails within a depot, Lindapter has a proven, accredited solution for a wide range of structures and services throughout virtually every stage of rail infrastructure.



**Product Example: Type HD >**

**MASONMATE**<sup>®</sup>  
FIXINGS FOR MASONRY

QUALITY | RANGE | RELIABILITY














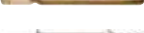









## MASONMATE®

- ▶ MASONMATE® dedicates itself to providing the best fixing solutions for the construction industry.
- ▶ We understand that in a technologically advancing world the requirements of our customers are constantly changing, as are the methods in which products are used. It is this knowledge that allows the evolution of MASONMATE®.
- ▶ European Technical Assessment (ETA) approved fixings and anchors are increasingly specified. This is reflected in an ever increasing range of approved fixings and anchors; through bolts, heavy duty anchors and chemical resins.
- ▶ To provide full solutions in a developing industry MASONMATE® works in partnership with leading manufacturers such as Excalibur and Friulsider.

ETA  
APPROVED

**MASONMATE®**  
FIXINGS FOR MASONRY

# SELECTION CHART

		PRODUCTS	MATERIALS												
			Concrete	Concrete Blocks	Hollow Blocks	Solid Brick	Perforated Brick	Aerated Concrete	Stone	Plasterboard	Steel	ETA Approved			
		Through Bolts	●												
		ETA Approved Through Bolts	●												●
		Heavy Duty Anchors	●												●
		Sleeve Anchors	●	●		●	○			●					
		Shield Anchors	●	●		●				●					
		Drop In Anchors	●			○				○					
		Screwbolts	●	●	●	●	●			●					
		Styrene Free Polyester Resin	●	●	●	●	●	●	●	●					●
		Styrene Free Epoxy Acrylate	●	●	●	○	○	○	○	○					●
		High-Load Vinylester Resin	●	●	●	○	○	○	○	○					●
		Spin In Capsules	●												●
		Hammer In Capsules	●												
		Frame Fixings	●	●		●	○	○		●					
		Hammer Fixings	●	●		●	○			●					
		Window Frame Anchors	●	●		●				○					
		Concrete Screws	●	●	●	●	●			●					
		Hollow Wall Anchors			●						●				
		Plasterboard Fixings									●				
		Spring Toggles			●						●				
		Nylon Wall Plugs	●	●	●	●	●	●	●	●					
		Rubber Nuts	○	○	●	○	●				○	●			

**KEY** Suitable ● More Suitable Fixings Available ○

# THROUGH BOLTS



## Through Bolt

Zinc Plated  
Hot Dipped Galvanised

**Sizes available from:**  
Diameter: **M6 to M24**  
Length: **50mm to 300mm**

**MASONMATE**  
FIXINGS FOR MASONRY



## ETA Approved Heavy Duty Through Bolt Option 7

Zinc Plated

**Sizes available from:**  
Diameter: **M8 to M20**  
Length: **60mm to 220mm**



**FR:ULS:DER**  
YOUR FIXING FACTORY



## ETA Approved Non-Ferrous Heavy Duty Through Bolt Option 7

A4 Stainless Steel

**Sizes available from:**  
Diameter: **M8 to M20**  
Length: **60mm to 220mm**



**FR:ULS:DER**  
YOUR FIXING FACTORY

# HEAVY DUTY ANCHORS



## ETA Approved Heavy Duty Anchor Hexagon Bolt

Zinc Plated

**Sizes available from:**  
Diameter: **12mm to 28mm**  
Length: **80mm to 185mm**



**FR:ULS:DER**  
YOUR FIXING FACTORY



## ETA Approved Heavy Duty Anchor Stud

Zinc Plated

**Sizes available from:**  
Diameter: **8mm to 16mm**  
Length: **10mm to 70mm**



**FR:ULS:DER**  
YOUR FIXING FACTORY



## ETA Approved Heavy Duty Anchor Countersunk

Zinc Plated

**Sizes available from:**  
Diameter: **6mm to 12mm**  
Length: **10mm to 40mm**



**FR:ULS:DER**  
YOUR FIXING FACTORY

# SLEEVE, SHIELD & DROP IN WEDGE ANCHORS



Hexagon Nut Sleeve Anchor

*Zinc Plated*

**Sizes available from:**  
Diameter: **6mm to 20mm**  
Length: **18mm to 151mm**

MASONMATE®  
FIXINGS FOR MASONRY



**Non-Ferrous**  
Hexagon Nut Sleeve Anchor

*A4 Stainless Steel*

**Sizes available from:**  
Diameter: **6mm to 20mm**  
Length: **18mm to 151mm**

MASONMATE®  
FIXINGS FOR MASONRY



Hexagon Loose Bolt Sleeve Anchor

*Zinc Plated*

**Sizes available from:**  
Diameter: **6mm to 20mm**  
Length: **18mm to 151mm**

MASONMATE®  
FIXINGS FOR MASONRY



Countersunk Head Loose Bolt Sleeve Anchor

*Zinc Plated*

**Sizes available from:**  
Diameter: **6mm to 20mm**  
Length: **18mm to 151mm**

MASONMATE®  
FIXINGS FOR MASONRY



Loose Bolt Shield Anchor

*Zinc Plated*

**Sizes available from:**  
Diameter: **6mm to 16mm**  
Length: **10mm to 75mm**

MASONMATE®  
FIXINGS FOR MASONRY



Projecting Shield Anchor

*Zinc Plated*

**Sizes available from:**  
Diameter: **6mm to 16mm**  
Length: **10mm to 75mm**

MASONMATE®  
FIXINGS FOR MASONRY



Hook Bolt Shield Anchor

*Zinc Plated*

**Sizes available from:**  
Diameter: **6mm to 12mm**  
Length: **45mm to 75mm**

MASONMATE®  
FIXINGS FOR MASONRY



Eye Bolt Shield Anchor

*Zinc Plated*

**Sizes available from:**  
Diameter: **6mm to 12mm**  
Length: **45mm to 75mm**

MASONMATE®  
FIXINGS FOR MASONRY



Shield Anchor (Shield Only)

*Zinc Plated*

**Sizes available from:**  
Diameter: **6mm to 12mm**  
Length: **45mm to 75mm**

MASONMATE®  
FIXINGS FOR MASONRY

# SLEEVE, SHIELD & DROP IN WEDGE ANCHORS



Plain  
Drop In Wedge Anchor

Zinc Plated

**Sizes available from:**  
Diameter: **M6 to M20**

SETTING TOOL  
ALSO AVAILABLE

MASONMATE®  
FIXINGS FOR MASONRY



**Non-Ferrous**  
Plain  
Drop In Wedge Anchor

A4 Stainless Steel

**Sizes available from:**  
Diameter: **M6 to M16**

SETTING TOOL  
ALSO AVAILABLE

MASONMATE®  
FIXINGS FOR MASONRY



Lipped  
Drop In Wedge Anchor

Zinc Plated

**Sizes available from:**  
Diameter: **M8 to M12**

SETTING TOOL  
ALSO AVAILABLE

MASONMATE®  
FIXINGS FOR MASONRY

## DO IT RIGHT FIRST TIME! USE THE MASONMATE CONCRETE SCREW.

### MASONMATE: CONCRETE SCREW

USING CONCRETE SCREWS IS THE FASTEST WAY WHEN ATTACHING DOOR AND WINDOW FRAMES, ELECTRICAL BOXES AND FURRING STRIPS. OUR CONCRETE SCREWS ARE SUITABLE FOR USE IN CONCRETE, CONCRETE BLOCKS, HOLLOW BLOCKS, SOLID BRICK, PERFORATED BRICK AND STONE.

ONE BIG ADVANTAGE TO USING A CONCRETE SCREW IS THAT IF THE PIECE NEEDS TO BE REMOVED, YOU CAN JUST BACK THE SCREW OUT.

OUR CONCRETE SCREWS ARE ZINC PLATED AND FEATURE A COUNTERSUNK TORX HEAD WITH A SELF TAPPING THREAD.

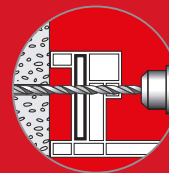


MASONMATE®  
FIXINGS FOR MASONRY

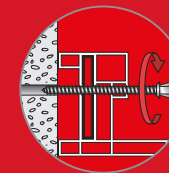
TORX  
HEAD DRIVE

BIT  
INCLUDED

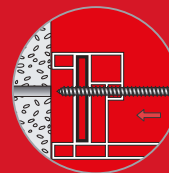
#### HOW TO INSTALL:



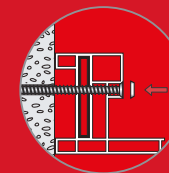
DRILL THE CORRECT  
DIAMETER.



INSERT SCREW  
THOUGH AND ...



POSITION THE  
SELF TAPPING  
CONCRETE SCREW.



... FIT COVER CAP  
IF REQUIRED.

**SERBOLT**  
THE NEW NAME FOR SCREWBOLTS

- Self tapping thread
- Superb insertion speed
- Close to edge fixing
- Same drill hole size as the bolt diameter
- Money saving
- Time saving
- Re-usable

3 head types available;  
Hexagon Head  
Hexagon Flange Head  
Countersunk Torx Head



Serbolt is now  
only available as  
Zinc Plated CR3

Self tapping  
thread design

SAME DRILL HOLE SIZE  
AS THE BOLT DIAMETER

CLOSE TO  
EDGE FIXING

MASONMATE®  
FIXINGS FOR MASONRY

**Still not convinced ..... then read on!**

- SERBOLT can be used in concrete, blocks, brick and stone.
- SERBOLT is well suited for 'close to edge' fixing.
- SERBOLT can be used in the same hole size diameter as the bolt diameter.
- SERBOLT has superb insertion speed into pre-drilled holes.
- SERBOLT allow a safe anchorage into a range of construction materials.
- SERBOLT features a self tapping thread design.
- SERBOLT requires less torque to drive, saving time and battery life.
- SERBOLT is an ideal fixing for permanent or temporary anchoring.
- SERBOLT is easily removed and can be re-used in the same hole.

# MASONRY NAILS & SCREWBOLTS



## Masonry Nails

Zinc Plated

**Sizes available from:**  
Diameter: 2.5mm to 3.5mm  
Length: 25mm to 100mm

MASONRY NAILS AVAILABLE WITH  
A COUNTERSUNK OR ROUND HEAD

**MASONMATE**<sup>®</sup>  
FIXINGS FOR MASONRY



## Hexagon Head Concrete Screwbolt

Zinc Plated

**Sizes available from:**  
Diameter: M6 to M12  
Length: 50mm to 200mm

SAME DRILL HOLE SIZE  
AS THE BOLT DIAMETER

**SERBOLT**  
THE NEW NAME FOR SCREWBOLTS



## Hexagon Flange Head Concrete Screwbolt

Zinc Plated

**Sizes available from:**  
Diameter: M6  
Length: 50mm to 100mm

SAME DRILL HOLE SIZE  
AS THE BOLT DIAMETER

**SERBOLT**  
THE NEW NAME FOR SCREWBOLTS



## Countersunk Torx Head Concrete Screwbolt

Zinc Plated

**Sizes available from:**  
Diameter: M6  
Length: 50mm to 100mm

SAME DRILL HOLE SIZE  
AS THE BOLT DIAMETER



**SERBOLT**  
THE NEW NAME FOR SCREWBOLTS



## Grade 10.9 Hexagon Head Screwbolt

Mechanical Zinc

**Sizes available from:**  
Diameter: M6 to M20  
Length: 30mm to 200mm

**Excalibur**<sup>®</sup>  
SCREWBOLTS



## Grade 10.9 Security Countersunk Screwbolt

Mechanical Zinc

**Sizes available from:**  
Diameter: M6 to M12  
Length: 50mm to 150mm

**Excalibur**<sup>®</sup>  
SCREWBOLTS



## Grade 10.9 Eyebolt

Mechanical Zinc

**Sizes available from:**  
Diameter: M8 to M12  
Length: 55mm to 75mm

**Excalibur**<sup>®</sup>  
SCREWBOLTS



## Grade 10.9 Hookbolt

Mechanical Zinc

**Sizes available from:**  
Diameter: M10 & M12  
Length: 65mm & 75mm

**Excalibur**<sup>®</sup>  
SCREWBOLTS



## Grade 10.9 Scaffolding Ringbolt

Mechanical Zinc

**Sizes available from:**  
Diameter: M12  
Length: 120mm

**Excalibur**<sup>®</sup>  
SCREWBOLTS

# CHEMICAL RESINS



## Styrene Free Polyester Resin

**Sizes available:**  
Size: 165ml & 300ml



**MASONMATE**  
FIXINGS FOR MASONRY



## Styrene Free Epoxy Acrylate

**Sizes available:**  
Size: 410ml



**MASONMATE**  
FIXINGS FOR MASONRY



## Styrene Free High-Load Vinyl Ester Resin

**Sizes available:**  
Size: 410ml



**MASONMATE**  
FIXINGS FOR MASONRY



## Chemical Resin Guns

Light Duty  
Heavy Duty  
C4 Heavy Duty

**MASONMATE**  
FIXINGS FOR MASONRY



## Chemical Resin Accessories

Mixer Nozzles  
Hole Cleaning Brushes  
Blow Out Pumps  
Wire Mesh Sleeves  
Nylon Sleeves

**MASONMATE**  
FIXINGS FOR MASONRY



## ETA Approved Spin In Capsules

Vinylester

**Sizes available from:**  
Diameter: 8mm to 24mm



**MASONMATE**  
FIXINGS FOR MASONRY

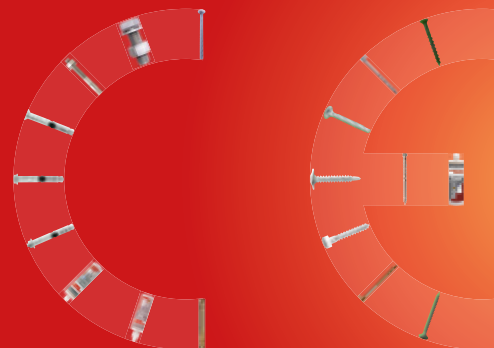


## Hammer In Capsules

Vinylester

**Sizes available from:**  
Diameter: 8mm to 24mm

**MASONMATE**  
FIXINGS FOR MASONRY



**PEACE OF MIND**  
FROM THE EXPERTS IN FASTENERS

**METALMATE**  
FASTENERS FOR METAL

**MASONMATE**  
FIXINGS FOR MASONRY

**TIMBERMATE**  
SCREWS FOR WOOD



# CHEMICAL RESINS



## Studs

Zinc Plated  
Hot Dipped Galvanised

**Sizes available from:**  
Diameter: **M8 to M24**  
Length: **110mm to 300mm**

**MASONMATE®**  
FIXINGS FOR MASONRY



## Non-Ferrous Studs

A2 Stainless Steel

**Sizes available from:**  
Diameter: **M8 to M20**  
Length: **110mm to 260mm**

**MASONMATE®**  
FIXINGS FOR MASONRY



## Internal Threaded Sockets

Zinc Plated

**Sizes available from:**  
Diameter: **M8 to M16**

**MASONMATE®**  
FIXINGS FOR MASONRY



## Non-Ferrous Internal Threaded Sockets

A2 Stainless Steel

**Sizes available from:**  
Diameter: **M8 to M16**

**MASONMATE®**  
FIXINGS FOR MASONRY

VIEW OUR FULL  
**STAINLESS STEEL**  
RANGE

**RANGE STARTS ON PAGE 54**



**\*ETA APPROVED**

**MASONMATE®**  
FIXINGS FOR MASONRY

### Chemical Resins & Accessories

- Styrene Free Polyester Resin\*
- Styrene Free Epoxy Acrylate\*
- SF High-Load Vinylester Resin\*
- Hammer In Capsules
- Spin In Capsules\*
- Chemical Resin Guns
- Mixer Nozzles
- Hole Cleaning Brushes
- Blow Out Pumps
- Wire Mesh Sleeves
- Nylon Sleeves

# LIGHT DUTY FIXINGS



## Frame Fixing

Nylon - Zinc Plated Screw

**Sizes available from:**  
Diameter: 8mm & 10mm  
Length: 60mm to 160mm

MASONMATE®  
FIXINGS FOR MASONRY



## Hammer Fixing

Nylon - Zinc Plated Screw  
Nylon - Stainless Steel Screw

**Sizes available from:**  
Diameter: 5mm to 8mm  
Length: 30mm to 135mm

MASONMATE®  
FIXINGS FOR MASONRY



## Window Frame Anchor

Nylon / Steel

**Sizes available from:**  
Diameter: 8mm & 10mm  
Length: 75mm to 165mm

MASONMATE®  
FIXINGS FOR MASONRY



## Concrete Screw

Zinc Plated

**Sizes available from:**  
Diameter: 7.5mm  
Length: 50mm to 180mm

TORX  
HEAD DRIVE

BIT  
INCLUDED

MASONMATE®  
FIXINGS FOR MASONRY



## Nylon Cable Ties

Black  
Neutral

**Sizes available from:**  
Diameter: 2.5mm to 9mm  
Length: 100mm to 1030mm

SELF ADHESIVE CABLE TIE HOLDERS  
ALSO AVAILABLE

MASONMATE®  
FIXINGS FOR MASONRY

# CAVITY FIXINGS



## Hollow Wall Anchor

Zinc Plated

**Sizes available from:**  
Diameter: 4mm to 6mm  
Length: 20mm to 65mm

ANCHOR SETTING  
TOOL ALSO AVAILABLE

MASONMATE®  
FIXINGS FOR MASONRY



## Plasterboard Fixings

Metal

**Sizes available from:**  
Diameter: 4.5mm  
Length: 30mm to 45mm

MASONMATE®  
FIXINGS FOR MASONRY



## Nylon Plasterboard Fixings

Nylon

**Sizes available from:**  
Diameter: 4.5mm  
Length: 30mm to 45mm

MASONMATE®  
FIXINGS FOR MASONRY



## Spring Toggle & Screw

Zinc Plated

**Sizes available from:**  
Diameter: 3mm to 6mm  
Length: 50mm to 100mm

SPRING TOGGLE WINGS ONLY  
ALSO AVAILABLE

MASONMATE®  
FIXINGS FOR MASONRY



## Plastic Wall Plugs

**Colours available in:**  
Blue: 10mm x 50mm  
Brown: 7mm x 37mm  
Red: 6mm x 30mm  
Yellow: 5mm x 25mm

MASONMATE®  
FIXINGS FOR MASONRY



## Nylon Wall Plugs

Type E - Nylon / Grey  
Type TPF - Nylon / Grey

**Sizes available from:**  
Diameter: 5mm to 14mm  
Length: 25mm to 75mm

MASONMATE®  
FIXINGS FOR MASONRY



## Rubber Nut with Brass Insert

**Sizes available from:**  
Diameter: M4 to M12  
Length: 11mm to 75mm

MASONMATE®  
FIXINGS FOR MASONRY

**TIMBERMATE**<sup>®</sup>  
SCREWS FOR **WOOD**

QUALITY | RANGE | RELIABILITY

# TIMBERMATE®

- ▶ **TIMBERMATE®** dedicates itself to providing suitable specialist screws for all timber and wood-based applications.
- ▶ Designed for professional use and manufactured to specified standards, our **TIMBERMATE®** products are not ordinary items but great quality products fit for purpose and designed to get the job done.
- ▶ **TIMBERMATE®** offers a fantastic range of CE approved products. All our products are procured from trusted manufacturers and conform to the relevant standards or approvals. Each product is accompanied by a Declaration of Performance (DoP) certificate.
- ▶ This product range is for fastening fixtures primarily in timber. However many items in the range are multi-purpose suited to ever-changing building materials. They can be used with hard and soft woods, MDF, chipboard, plasterboard and masonry plugs.



**TIMBERMATE®**  
SCREWS FOR WOOD

# WOODSCREWS



**Twin Thread Woodscrew**  
**Countersunk Head**


Zinc Plated

**CE**  
APPROVED

**Sizes available from:**  
Diameter: 4swg to 12swg  
Length: 1/2" to 4"

**POZI**  
HEAD DRIVE

MATERIAL: C1022 STEEL    **TIMBERMATE**  
SCREWS FOR WOOD



**Twin Thread Woodscrew**  
**Round Head**

Zinc Plated

**CE**  
APPROVED

**Sizes available from:**  
Diameter: 4swg to 10swg  
Length: 1/2" to 3"

**POZI**  
HEAD DRIVE

MATERIAL: C1022 STEEL    **TIMBERMATE**  
SCREWS FOR WOOD



**Carcass Screw**  
**Countersunk Head**

Black Oxide

**CE**  
APPROVED

**Sizes available from:**  
Diameter: 4mm  
Length: 32mm & 45mm

**POZI**  
HEAD DRIVE

MATERIAL: C1022 STEEL    **TIMBERMATE**  
SCREWS FOR WOOD



**Single Thread Woodscrew**  
**Countersunk Head**

Zinc Plated  
Zinc Yellow Dye

**F1**

**CE**  
APPROVED

**Sizes available from:**  
Diameter: 3mm to 6mm  
Length: 12mm to 150mm

**POZI**  
HEAD DRIVE

MATERIAL: C1022 STEEL    **TIMBERMATE** **F1**  
SCREWS FOR WOOD




**Non-Ferrous**  
**Single Thread Woodscrew**  
**Countersunk Head**

A2 Stainless Steel

**Sizes available from:**  
Diameter: 3mm to 6mm  
Length: 12mm to 150mm

**POZI**  
HEAD DRIVE

**TIMBERMATE**  
SCREWS FOR WOOD



**Brass Woodscrew**  
**Round Head**

Self Colour

**Sizes available from:**  
Diameter: 4swg to 8swg  
Length: 1/2" to 1.1/2"

**SLOTTED**  
HEAD DRIVE

**TIMBERMATE**  
SCREWS FOR WOOD



**Brass Woodscrew**  
**Countersunk Head**

Self Colour

**Sizes available from:**  
Diameter: 2swg to 12swg  
Length: 1/4" to 3"

**SLOTTED**  
HEAD DRIVE

**TIMBERMATE**  
SCREWS FOR WOOD

**VIEW OUR**  
**FULL BRASS**  
**RANGE**

**RANGE STARTS PAGE 64**



# DRYWALL SCREWS



**Drywall Screw**  
*Bugle Head | Sharp Point*

Zinc Plated  
Phosphated

**CE**  
APPROVED

**Sizes available from:**  
Diameter: **3.5mm to 4.2mm**  
Length: **25mm to 100mm**

**PHILLIPS**  
HEAD DRIVE

**MATERIAL: C1022 STEEL**    **TIMBERMATE®**  
SCREWS FOR WOOD



**Drywall Screw**  
*Bugle Head | Drill Point*

Zinc Plated

**CE**  
APPROVED

**Sizes available from:**  
Diameter: **3.5mm to 4.2mm**  
Length: **25mm to 75mm**

**PHILLIPS**  
HEAD DRIVE

**MATERIAL: C1022 STEEL**    **TIMBERMATE®**  
SCREWS FOR WOOD



**Drywall Screw**  
*Pan Head | Drill Point*

Zinc Plated

**CE**  
APPROVED

**Sizes available:**  
Diameter: **4.2mm**  
Length: **13mm**

**PHILLIPS**  
HEAD DRIVE

**MATERIAL: C1022 STEEL**    **TIMBERMATE®**  
SCREWS FOR WOOD



**CE**  
APPROVED

**TIMBERMATE®**  
SCREWS FOR WOOD

**FOR EXPERTS.**

Double countersunk for deeper recess and head strength

40° single thread for high pull-out retention

Lubricated for smooth insertion

Threaded to point for quick start on insertion

**MULTIPURPOSE WOODSCREW**

- Pozi double countersunk multipurpose woodscrew
- Available in two finishes, Zinc Plated CR3+ and Zinc Yellow CR3+
- Ideal for most wood types, plastic and sheet steel (up to 0.8mm)
- CE approved range

**THE EXPERT IN MOST MATERIALS**

- Chipboard
- Softwood
- Hardwood
- Plywood
- Plastic
- MDF
- Sheet Steel (Up to 0.8mm)



**Drywall Screw**  
*Wafer Head | Drill Point*

Zinc Plated

**CE**  
APPROVED

**Sizes available:**  
Diameter: **4.2mm**  
Length: **13mm**

**PHILLIPS**  
HEAD DRIVE

**SHARP POINT TIP ALSO AVAILABLE**    **MATERIAL: C1022 STEEL**    **TIMBERMATE®**  
SCREWS FOR WOOD



**Drywall Nail**

Zinc & Yellow

**Sizes available from:**  
Diameter: **2.65mm**  
Length: **30mm to 40mm**

**TIMBERMATE®**  
SCREWS FOR WOOD

# COACHSCREWS



Hexagon Head Coachscrew

*Zinc Plated*

**Sizes available from:**  
Diameter: **5mm to 16mm**  
Length: **20mm to 300mm**



TIMBERMATE®  
SCREWS FOR WOOD



Hexagon Head Coachscrew

*Hot Dipped Galvanised*

**Sizes available from:**  
Diameter: **5mm to 16mm**  
Length: **20mm to 300mm**

TIMBERMATE®  
SCREWS FOR WOOD

# CAPS & COVERS

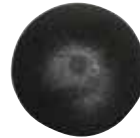


Surface Screw Cup

*Solid Brass  
Brass Nickel Plated*

**Sizes available from:**  
Diameter: **4G to 14G**

TIMBERMATE®  
SCREWS FOR WOOD



Screw Cover Cup

*Black  
Magnolia  
Teak  
White*

**Sizes available from:**  
Diameter: **6G to 14G**

C/W WASHER  
ALSO AVAILABLE



TIMBERMATE®  
SCREWS FOR WOOD



Turned Pattern Screw Cup

*Solid Brass*

**Sizes available from:**  
Diameter: **6G to 12G**

TIMBERMATE®  
SCREWS FOR WOOD



# NAILS



Round Wire Nail

*Bright - Self Colour  
Galvanised*

**Sizes available from:**  
Length: **20mm to 150mm**

TIMBERMATE®  
SCREWS FOR WOOD



Round Lost Nail

*Bright - Self Colour  
Galvanised*

**Sizes available from:**  
Length: **20mm to 75mm**

TIMBERMATE®  
SCREWS FOR WOOD



Annular Ring Shank Nail

*Bright - Self Colour  
Sheradised*

**Sizes available from:**  
Length: **20mm to 100mm**

TIMBERMATE®  
SCREWS FOR WOOD



Clout Head Nail

*Galvanised*

**Sizes available from:**  
Length: **20mm to 100mm**

TIMBERMATE®  
SCREWS FOR WOOD



Extra Large Head  
Clout Head Nail

*Galvanised*

**Sizes available from:**  
Length: **13mm to 50mm**

TIMBERMATE®  
SCREWS FOR WOOD



Brudaw Alloy Dowel

*Zinc Plated*

**Sizes available from:**  
Length: **3/4" to 3"**

TIMBERMATE®  
SCREWS FOR WOOD



SPECIALIST SCREWS



# TITE RANGE



**Screw-Tite®**  
All Purpose Screw

Net-Coat® Yellow  
Net-Coat® Zinc

**CE**  
APPROVED

**Sizes available from:**  
Diameter: **3mm to 6mm**  
Length: **12mm to 150mm**

PAN HEAD ALSO AVAILABLE  
IN NET-COAT® ZINC

POZI  
HEAD DRIVE

Screw  
Tite®



**Tongue-Tite®**  
Tongue & Groove Screw

Net-Coat® Yellow

**CE**  
APPROVED

**Sizes available:**  
Diameter: **3.5mm**  
Length: **45mm**

TORX  
HEAD DRIVE

Tongue  
Tite®



**Tongue-Tite® Plus**  
Tongue & Groove Screw


Net-Coat® Clear  
- Stainless 316

**CE**  
APPROVED

**Sizes available from:**  
Diameter: **3.5mm**  
Length: **32mm to 49mm**

TORX  
HEAD DRIVE

Tongue  
Tite  
PLUS



**Lost-Tite®**  
Discreet Fix Screw

Net-Coat® Yellow Extra

**CE**  
APPROVED

**Sizes available from:**  
Diameter: **3.5mm**  
Length: **25mm to 49mm**

TORX  
HEAD DRIVE

Lost  
Tite®



**Floor-Tite®**  
Flooring Screw

Net-Coat® Blue

**CE**  
APPROVED

**Sizes available from:**  
Diameter: **4.2mm**  
Length: **45mm & 55mm**

POZI  
HEAD DRIVE

Floor  
Tite®



**MDF-Tite®**  
MDF Screw

Net-Coat® Yellow

**Sizes available from:**  
Diameter: **3.9mm**  
Length: **25mm to 45mm**

POZI  
HEAD DRIVE

MDF  
Tite®



**Hinge-Tite®**  
Hinge Screw

Net-Coat® Brass  
Net-Coat® Chrome

**CE**  
APPROVED

**Sizes available from:**  
Diameter: **4mm & 4.5mm**  
Length: **25mm to 40mm**

RAISED HEAD ALSO AVAILABLE  
IN NET-COAT® CHROME

POZI  
HEAD DRIVE

Hinge  
Tite®



**Deck-Tite®**  
Deck & Outdoor Screw

Net-Coat® Green

**CE**  
APPROVED

**Sizes available from:**  
Diameter: **4mm & 4.5mm**  
Length: **25mm to 63mm**

HANDRAIL BRACKET KIT  
ALSO AVAILABLE

POZI  
HEAD DRIVE

Deck  
Tite®



**Deck-Tite® Plus**  
Deck & Outdoor Screw

Net-Coat® Clear  
- Stainless 316

**CE**  
APPROVED

**Sizes available from:**  
Diameter: **4.5mm**  
Length: **50mm to 75mm**

SQUARE  
HEAD DRIVE

Deck  
Tite  
PLUS

# TITE RANGE



**Deck-Tite®**  
Composite Plus  
Composite Decking Screw

Net-Coat® Clear  
- Stainless 316

**Sizes available from:**  
Diameter: **4.8mm**  
Length: **53mm & 63mm**

5 COLOURED HEADS AVAILABLE  
BLACK / BROWN / DARK BROWN /  
GREY / DARK GREY

TORX HEAD DRIVE

CE APPROVED

Deck Tite PLUS



**Clad-Tite®**  
Removable Cladding Nail

Net-Coat® Clear  
- Stainless 316

**Sizes available:**  
Diameter: **3.1mm**  
Length: **50mm**

TORX HEAD DRIVE

CE APPROVED

Clad Tite



**Timber-Tite®**  
Heavy Duty Timber Screw

Net-Coat® Green

**Sizes available from:**  
Diameter: **6.5mm**  
Length: **80mm to 250mm**

COACHBOLTS AND COACHSCREWS  
ALSO AVAILABLE IN NET-COAT® GREEN

TORX HEAD DRIVE

CE APPROVED

Timber Tite



**Trunk-Tite®**  
Trunking Screw

Net-Coat® Zinc

**Sizes available from:**  
Diameter: **4.8mm & 5.5mm**  
Length: **16mm to 40mm**

SQUARE HEAD DRIVE

Trunk Tite



**Exterior-Tite®**  
Exterior Screw

Net-Coat® Black  
Net-Coat® Silver

**Sizes available from:**  
Diameter: **3.5mm to 4.5mm**  
Length: **16mm to 50mm**

AVAILABLE WITH A  
COUNTERSUNK OR PAN HEAD

POZI HEAD DRIVE

CE APPROVED

Exterior Tite



**Adjust-Tite®**  
Adjustable Screw

Net-Coat® Silver

**Sizes available:**  
Diameter: **4.5mm**  
Length: **75mm**

SQUARE HEAD DRIVE

Adjust Tite



**ScrewTite®**  
WORKS IN  
ALMOST  
ANYTHING  
ONCE IN STAYS IN  
LESS TIMBER DAMAGE  
ON INSERTION



# STAINLESS STEEL RANGE



**DIN 931**  
Hexagon Head Bolt

A2 Stainless Steel

**Sizes available from:**  
Diameter: **M6 to M24**  
Length: **25mm to 150mm**

METALMATE®  
FASTENERS FOR METAL



**DIN 933**  
Hexagon Head Setscrew

A2 Stainless Steel  
A4 Stainless Steel

**Sizes available from:**  
Diameter: **M3 to M24**  
Length: **6mm to 200mm**

METALMATE®  
FASTENERS FOR METAL



**DIN 603**  
Cup Square Bolt  
*Bolt Only*

A2 Stainless Steel

**Sizes available from:**  
Diameter: **M6 to M10**  
Length: **16mm to 100mm**

METALMATE®  
FASTENERS FOR METAL



All Thread

A2 Stainless Steel  
A4 Stainless Steel

**Sizes available from:**  
Diameter: **M3 to M30**  
Length: **300mm to 3mtr**

METALMATE®  
FASTENERS FOR METAL



**DIN 912**  
Hexagon Socket Cap Screw

A2 Stainless Steel

**Sizes available from:**  
Diameter: **M2.5 to M16**  
Length: **6mm to 160mm**

METALMATE®  
FASTENERS FOR METAL



**DIN 7991**  
Hexagon Socket Countersunk Screw

A2 Stainless Steel

**Sizes available from:**  
Diameter: **M3 to M16**  
Length: **6mm to 100mm**

METALMATE®  
FASTENERS FOR METAL



**DIN 916**  
Hexagon Socket Setscrew

A2 Stainless Steel

**Sizes available from:**  
Diameter: **M3 to M12**  
Length: **2mm to 60mm**

METALMATE®  
FASTENERS FOR METAL



**ISO: 7380**  
Hexagon Socket Dome Screw

A2 Stainless Steel

**Sizes available from:**  
Diameter: **M3 to M12**  
Length: **6mm to 80mm**

METALMATE®  
FASTENERS FOR METAL



**DIN 934**  
Hexagon Full Nut

A2 Stainless Steel  
A4 Stainless Steel

**Sizes available from:**  
Diameter: **M2 to M30**

METALMATE®  
FASTENERS FOR METAL

# STAINLESS STEEL RANGE

## DIN 985

Hexagon Nylon Insert  
Nut Type T



A2 Stainless Steel  
A4 Stainless Steel

Sizes available from:  
Diameter: **M3** to **M24**

METALMATE®  
FASTENERS FOR METAL

## DIN 439B

Hexagon  
Lock Nut



A2 Stainless Steel

Sizes available from:  
Diameter: **M4** to **M20**

METALMATE®  
FASTENERS FOR METAL

## DIN 1587

Dome Nut



A2 Stainless Steel

Sizes available from:  
Diameter: **M4** to **M20**

METALMATE®  
FASTENERS FOR METAL

## STANDARD PATTERN

Wing Nut



A2 Stainless Steel

Sizes available from:  
Diameter: **M5** to **M16**

METALMATE®  
FASTENERS FOR METAL

## DIN 125

Plain Washer  
Type A



A2 Stainless Steel  
A4 Stainless Steel

Sizes available from:  
Diameter: **3mm** to **30mm**

METALMATE®  
FASTENERS FOR METAL

## BS 4320

Plain Washer  
Form B



A2 Stainless Steel  
A4 Stainless Steel

Sizes available from:  
Diameter: **6mm** to **24mm**

METALMATE®  
FASTENERS FOR METAL

## BS 4320

Plain Washer  
Form C



A2 Stainless Steel

Sizes available from:  
Diameter: **4mm** to **20mm**

METALMATE®  
FASTENERS FOR METAL

## Repair Washer

A2 Stainless Steel



Sizes available from:  
Diameter: **5mm** to **12mm**

METALMATE®  
FASTENERS FOR METAL

## DIN 127B

Rectangular Section  
Spring Washer



A2 Stainless Steel

Sizes available from:  
Diameter: **5mm** to **16mm**

METALMATE®  
FASTENERS FOR METAL



# STAINLESS STEEL RANGE

## DIN 7980 Square Section Spring Washer



A2 Stainless Steel  
A4 Stainless Steel

Sizes available from:  
Diameter: 3mm to 24mm

METALMATE®  
FASTENERS FOR METAL

## DIN 6798 Internal Shakeproof Washer



A2 Stainless Steel

Sizes available from:  
Diameter: 4mm to 24mm

METALMATE®  
FASTENERS FOR METAL

## Crinkle Washer

A2 Stainless Steel



Sizes available from:  
Diameter: 4mm to 12mm

METALMATE®  
FASTENERS FOR METAL

## DIN 85 Slotted Pan Head Machine Screw



A2 Stainless Steel

Sizes available from:  
Diameter: M3 to M8  
Length: 5mm to 70mm

METALMATE®  
FASTENERS FOR METAL

## DIN 7985 Pozi Pan Head Machine Screw



A2 Stainless Steel

Sizes available from:  
Diameter: M3 to M8  
Length: 4mm to 50mm

METALMATE®  
FASTENERS FOR METAL

## DIN 963 Slotted Countersunk Head Machine Screw



A2 Stainless Steel

Sizes available from:  
Diameter: M3 to M10  
Length: 6mm to 100mm

METALMATE®  
FASTENERS FOR METAL

## DIN 965 Pozi Countersunk Head Machine Screw



A2 Stainless Steel

Sizes available from:  
Diameter: M3 to M8  
Length: 5mm to 50mm

METALMATE®  
FASTENERS FOR METAL

## DIN 7981 Type AB Pozi Pan Head



A2 Stainless Steel

Sizes available from:  
Diameter: 4swg to 14swg  
Length: 1/4" to 2"

METALMATE®  
FASTENERS FOR METAL

## DIN 7982C/Z Type AB Pozi Countersunk Head



A2 Stainless Steel

Sizes available from:  
Diameter: 4swg to 14swg  
Length: 3/8" to 2"

METALMATE®  
FASTENERS FOR METAL

# STAINLESS STEEL RANGE



**Dome Rivet**  
Stainless Steel

**Sizes available from:**  
Diameter: **2.4mm to 6.4mm**



**Dome Head**  
Standard low-profile head, suitable for most applications.





**Countersunk Rivet**  
Stainless Steel

**Sizes available from:**  
Diameter: **3.2mm to 4.8mm**




**Countersunk**  
120° head design. Used wherever a flush surface is required.

**Dome Head Rivet Nut**  
A2 Stainless Steel

**Sizes available from:**  
Diameter: **M4 to M10**




**Jubilee Hose Clips**  
Stainless Steel

**Sizes available from:**  
9.5mm to 318mm




**ETA Approved Heavy Duty Through Bolt**  
Option 7

A4 Stainless Steel

**Sizes available from:**  
Diameter: **M8 to M20**  
Length: **60mm to 220mm**




**FR:ULS:DER**  
YOUR FIXING FACTORY



**Hexagon Nut Sleeve Anchor**  
A4 Stainless Steel


**Sizes available from:**  
Diameter: **6mm to 20mm**  
Length: **18mm to 151mm**

**Plain Drop In Wedge Anchor**  
A4 Stainless Steel

**Sizes available from:**  
Diameter: **M6 to M16**

SETTING TOOL ALSO AVAILABLE




**Studs**  
A2 Stainless Steel

**Sizes available from:**  
Diameter: **M8 to M20**  
Length: **110mm to 260mm**




**Internal Threaded Sockets**  
A2 Stainless Steel

**Sizes available from:**  
Diameter: **M8 to M16**



# STAINLESS STEEL RANGE



## Hammer Fixing

Nylon - Stainless Steel Screw

**Sizes available from:**  
Diameter: **6mm to 8mm**  
Length: **40mm to 100mm**

**MASONMATE**<sup>®</sup>  
FIXINGS FOR MASONRY



## Single Thread Woodscrew

Countersunk Head

A2 Stainless Steel

**Sizes available from:**  
Diameter: **3mm to 6mm**  
Length: **12mm to 150mm**



**TIMBERMATE**<sup>®</sup>  
SCREWS FOR WOOD



## Tongue-Tite<sup>®</sup> Plus

Tongue & Groove Screw

Net-Coat<sup>®</sup> Clear  
- Stainless 316

**Sizes available from:**  
Diameter: **3.5mm**  
Length: **32mm to 49mm**



**Tongue**  
**Tite**<sup>®</sup>  
PLUS



## Deck-Tite<sup>®</sup> Plus

Deck & Outdoor Screw

Net-Coat<sup>®</sup> Clear  
- Stainless 316

**Sizes available from:**  
Diameter: **4.5mm**  
Length: **50mm to 75mm**



**CE**  
APPROVED

**Deck**  
**Tite**<sup>®</sup>  
PLUS



## Deck-Tite<sup>®</sup> Composite Plus

Composite Decking Screw

Net-Coat<sup>®</sup> Clear  
- Stainless 316

**Sizes available from:**  
Diameter: **4.8mm**  
Length: **53mm & 63mm**

5 COLOURED HEADS AVAILABLE  
BLACK / BROWN / DARK BROWN /  
GREY / DARK GREY



**CE**  
APPROVED

**Deck**  
**Tite**<sup>®</sup>  
PLUS



## Clad-Tite<sup>®</sup>

Removable Cladding Nail

Net-Coat<sup>®</sup> Clear  
- Stainless 316

**Sizes available:**  
Diameter: **3.1mm**  
Length: **50mm**



**CE**  
APPROVED

**Clad**  
**Tite**<sup>®</sup>

# GALVANISED RANGE

QUALITY | RANGE | RELIABILITY

## METALMATE® GALVANISED RANGE

- ▶ Our newly extended range of galvanised products offers customers a wider choice. The products have an outstanding level of resistance, a greater reliability factor and are maintenance free. Our galvanising is 45 to 55 microns thick and provides great protection.
- ▶ Galvanising preserves the external and internal within hollow sections. It is self-repairing; protects the base metal; environmentally sustainable; has good impact and abrasion-resistance; and is maintenance-free for up to 20-25 years. Galvanised steel is widely used in applications where corrosion protection is needed and can easily be identified by the crystallised pattern on the surface.

## BENEFITS OF USING GALVANISED PRODUCTS

1. Long Life - Galvanised products protect against corrosion and prolong the life of steel, greatly lowering the environmental and economic cost.
2. Recyclable - Whether for re-galvanising, removal or reuse, galvanised steel is easily recycled. It can also be recycled with steel scrap.
3. Sacrificial Protection - At the point where the galvanised steel suffers damage, a galvanic cell is formed. The zinc around the point of damage corrodes. Corrosion products precipitate on the steel surface and protect it. If this happens to a zinc plated product the steel could rust and lead to an eventual breakdown of the product.
4. Full Protection - Every part of a galvanised fastener is protected, even recesses, sharp corners and inaccessible areas. No other type of coating applied to a structure or fabrication after completion provides the same level of protection.
5. Cost Efficient - The initial investment of using galvanised steel for long-term protection in construction can provide cost benefits for decades.

# GALVANISED RANGE



## DIN 931 Grade 8.8 Hexagon Bolt

Hot Dipped Galvanised

**Sizes available from:**  
Diameter: **M4 to M56**  
Length: **8mm to 600mm**



METALMATE®  
FASTENERS FOR METAL



## DIN 933 Grade 8.8 Hexagon Setscrew

Hot Dipped Galvanised

**Sizes available from:**  
Diameter: **M3 to M48**  
Length: **6mm to 400mm**



METALMATE®  
FASTENERS FOR METAL



## DIN 603/555 Grade 4.8 Cup Square Hexagon Bolt & Nut

Hot Dipped Galvanised

**Sizes available from:**  
Diameter: **M6 to M20**  
Length: **16mm to 400mm**

METALMATE®  
FASTENERS FOR METAL



## EN: 15048-1:2007 Grade 8.8 Assembled Bolting

Hot Dipped Galvanised

**Sizes available from:**  
Diameter: **M12 to M24**  
Length: **30mm to 90mm**



METALMATE®  
FASTENERS FOR METAL



## Grade 8.8 All Thread

Galvanised

**Sizes available from:**  
Diameter: **M6 to M30**  
Length: **1mtr to 3mtr**

METALMATE®  
FASTENERS FOR METAL



## DIN 934 Grade 8 Full Nut

Galvanised

**Sizes available from:**  
Diameter: **M6 to M48**



METALMATE®  
FASTENERS FOR METAL



## DIN 985 Class 6 Nylon Insert Nut Type T

Mechanical Galvanised

**Sizes available from:**  
Diameter: **M3 to M36**

METALMATE®  
FASTENERS FOR METAL



## DIN 125 Plain Washer Type A

Galvanised

**Sizes available from:**  
Diameter: **2mm to 42mm**

HARDNESS HV  
140 to 250

METALMATE®  
FASTENERS FOR METAL



## BS 4320 Black Mild Steel Washer Form G

Galvanised

**Sizes available from:**  
Diameter: **5mm to 30mm**

METALMATE®  
FASTENERS FOR METAL

# GALVANISED RANGE



## COMMERCIAL PATTERN

### D Shackle

Galvanised

**Sizes available from:**  
Diameter: 3/16" to 3/4"

METALMATE®  
FASTENERS FOR METAL



## Wire Rope Grip

Galvanised

**Sizes available from:**  
Diameter: 1/8" to 3/4"

METALMATE®  
FASTENERS FOR METAL



## Through Bolt

Hot Dipped Galvanised

**Sizes available from:**  
Diameter: M8 to M24  
Length: 50mm to 280mm

MASONMATE®  
FIXINGS FOR MASONRY



## Studs

Hot Dipped Galvanised

**Sizes available from:**  
Diameter: M8 to M24  
Length: 110mm to 300mm

MASONMATE®  
FIXINGS FOR MASONRY



## Hexagon Head Coachscrew

Hot Dipped Galvanised

**Sizes available from:**  
Diameter: 5mm to 16mm  
Length: 20mm to 300mm

TIMBERMATE®  
SCREWS FOR WOOD



## Round Wire Nail

Galvanised

**Sizes available from:**  
Length: 25mm to 150mm

TIMBERMATE®  
SCREWS FOR WOOD



## Round Lost Nail

Galvanised

**Sizes available from:**  
Length: 40mm to 65mm

TIMBERMATE®  
SCREWS FOR WOOD



## Clout Head Nail

Galvanised

**Sizes available from:**  
Length: 20mm to 100mm

TIMBERMATE®  
SCREWS FOR WOOD



## Extra Large Head Clout Head Nail

Galvanised

**Sizes available from:**  
Length: 13mm to 50mm

TIMBERMATE®  
SCREWS FOR WOOD

BRASS & NYLON RANGE

QUALITY | RANGE | RELIABILITY



## BENEFITS OF USING BRASS PRODUCTS

- ▶ Brass fasteners are used for their physical and aesthetic properties. Brass is used due to its high thermal conductivity and corrosion resistant properties; it is suitable for use in hot or cold environments and resistant to water.
- ▶ Brass is an alloy made of copper and zinc. It is a material that gets used in a wide range of applications.
- ▶ Brass is used for its low-friction properties in applications like plumbing and electrical work, gears, bearings and much more.
- ▶ Brass fasteners are commonly used with wood applications as the golden colouring blends well with tan wood.
- ▶ For decades brass screws have been used on marine equipment. The anti-corrosive and water resistant properties of brass make these fasteners ideal for external use, by the sea or underwater.
- ▶ Brass is a softer metal and must be used with care. Always pre-drill holes before using brass screws or bolts to prevent stripping.

## BENEFITS OF USING NYLON PRODUCTS

- ▶ Nylon fasteners now provide a viable alternative to traditional metal fastening in a number of applications. Nylon fasteners secure metal components together in manufacturing and electronic applications and have a comparable tensile strength and temperature resistance.
- ▶ Nylon is a non-conductor as it is a type of plastic and cannot conduct electricity. This property makes nylon highly preferable for connecting insulation and uses in electronic devices.
- ▶ Nylon is known to provide a high level of insulation but it is not ideal for applications that regularly experience higher temperatures such as ovens.
- ▶ Resistant to corrosion, nylon fasteners will not weaken due to corrosion and fatigue; rust or become damaged from solvents and lubricants.
- ▶ Nylon fasteners have a noticeable lighter weight than other metal fasteners and are less likely to wear and loosen over time.
- ▶ Nylon fasteners should not be used in applications in or around water or moisture as the material can swell and become brittle.

# BRASS RANGE



**DIN 933**  
Hexagon Head  
Setscrew

Brass

**Sizes available from:**  
Diameter: **M4 to M16**  
Length: **10mm to 75mm**



All Thread

Brass

**Sizes available from:**  
Diameter: **M4 to M20**  
Length: **1mtr**



**DIN 934**  
Hexagon  
Full Nut

Brass

**Sizes available from:**  
Diameter: **M2.5 to M24**



**DIN 439B**  
Hexagon  
Lock Nut

Brass

**Sizes available from:**  
Diameter: **M4 to M20**



**DIN 125**  
Plain Washer  
Type A

Brass

**Sizes available from:**  
Diameter: **3mm to 20mm**



**BS 4320**  
Plain Washer  
Form B

Brass

**Sizes available from:**  
Diameter: **6mm to 20mm**



**DIN 84**  
Slotted Cheese Head  
Machine Screw

Brass

**Sizes available from:**  
Diameter: **M3 to M6**  
Length: **6mm to 30mm**



**DIN 85**  
Slotted Pan Head  
Machine Screw

Brass

**Sizes available from:**  
Diameter: **M3 to M6**  
Length: **6mm to 50mm**



**DIN 963**  
Slotted Countersunk  
Head Machine Screw

Brass

**Sizes available from:**  
Diameter: **M3 to M8**  
Length: **6mm to 50mm**



## BRASS RANGE



### **DIN 964** Slotted Raised Head Machine Screw

*Brass Nickel Plated*

**Sizes available from:**  
Diameter: **M3.5**  
Length: **12mm to 75mm**

**METALMATE®**  
FASTENERS FOR METAL



### Brass Woodscrew *Round Head*

*Self Colour*

**Sizes available from:**  
Diameter: **4swg to 8swg**  
Length: **1/2" to 1.1/2"**



**TIMBERMATE®**  
SCREWS FOR WOOD



### Brass Woodscrew *Countersunk Head*

*Self Colour*

**Sizes available from:**  
Diameter: **2swg to 12swg**  
Length: **1/4" to 3"**



**TIMBERMATE®**  
SCREWS FOR WOOD



### Surface Screw Cup

*Solid Brass*  
*Brass Nickel Plated*

**Sizes available from:**  
Diameter: **4G to 14G**

**TIMBERMATE®**  
SCREWS FOR WOOD



### Turned Pattern Screw Cup

*Solid Brass*

**Sizes available from:**  
Diameter: **6G to 12G**

**TIMBERMATE®**  
SCREWS FOR WOOD

# CERTIFIED & ACCREDITED RANGE

AVAILABLE FROM PAGE 70



# NYLON RANGE



## DIN 933 Hexagon Head Setscrew

Nylon 6.6

**Sizes available from:**  
Diameter: **M5 to M16**  
Length: **20mm to 55mm**

METALMATE®  
FASTENERS FOR METAL



## All Thread

Nylon 6.6

**Sizes available from:**  
Diameter: **M6 to M12**  
Length: **1mtr**

METALMATE®  
FASTENERS FOR METAL



## DIN 934 Hexagon Full Nut

Nylon 6.6

**Sizes available from:**  
Diameter: **M3 to M12**

METALMATE®  
FASTENERS FOR METAL



## DIN 125 Plain Washer Type A

Nylon 6.6

**Sizes available from:**  
Diameter: **2.5mm to 24mm**

METALMATE®  
FASTENERS FOR METAL



## Frame Fixing

Nylon - Zinc Plated Screw

**Sizes available from:**  
Diameter: **8mm & 10mm**  
Length: **60mm to 160mm**

MASONMATE®  
FIXINGS FOR MASONRY



## Hammer Fixing

Nylon - Zinc Plated Screw  
Nylon - Stainless Steel Screw

**Sizes available from:**  
Diameter: **5mm to 8mm**  
Length: **30mm to 135mm**

MASONMATE®  
FIXINGS FOR MASONRY



## Window Frame Anchor

Nylon / Steel

**Sizes available from:**  
Diameter: **8mm & 10mm**  
Length: **75mm to 165mm**

MASONMATE®  
FIXINGS FOR MASONRY



## Nylon Cable Ties

Black  
Neutral

**Sizes available from:**  
Diameter: **2.5mm to 9mm**  
Length: **100mm to 1030mm**

SELF ADHESIVE CABLE TIE HOLDERS  
ALSO AVAILABLE

MASONMATE®  
FIXINGS FOR MASONRY



## Nylon Plasterboard Fixings

Nylon

**Sizes available from:**  
Diameter: **4.5mm**  
Length: **30mm to 45mm**

MASONMATE®  
FIXINGS FOR MASONRY

# NYLON RANGE



## Plastic Wall Plugs

**Colours available in:**  
Blue: 10mm x 50mm  
Brown: 7mm x 37mm  
Red: 6mm x 30mm  
Yellow: 5mm x 25mm

MASONMATE®  
FIXINGS FOR MASONRY

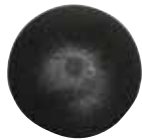


## Nylon Wall Plugs

Type E - Nylon / Grey  
Type TPF - Nylon / Grey

**Sizes available from:**  
Diameter: 5mm to 14mm  
Length: 25mm to 75mm

MASONMATE®  
FIXINGS FOR MASONRY

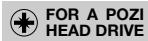


## Screw Cover Cup

Black  
Magnolia  
Teak  
White

**Sizes available from:**  
Diameter: 6G to 14G

C/W WASHER  
ALSO AVAILABLE



FOR A POZI  
HEAD DRIVE

TIMBERMATE®  
SCREWS FOR WOOD



## Bolt & Nut Protection Cap

White  
Black

**Sizes available from:**  
Diameter: M5 to M16

METALMATE®  
FASTENERS FOR METAL



**METALMATE®**  
FASTENERS  
FOR METAL

**RANGE STARTS ON PAGE 8**

CERTIFIED & ACCREDITED RANGE

QUALITY | RANGE | RELIABILITY

# CERTIFIED & ACCREDITED RANGE



## DIN 931 Grade 8.8 Hexagon Bolt

Self Colour  
Zinc Plated  
Hot Dipped Galvanised

**Sizes available from:**  
Diameter: **M4 to M56**  
Length: **8mm to 600mm**



METALMATE®  
FASTENERS FOR METAL



## DIN 931 Grade 10.9 Hexagon Bolt

Self Colour  
Zinc Plated

**Sizes available from:**  
Diameter: **M6 to M56**  
Length: **30mm to 760mm**



METALMATE®  
FASTENERS FOR METAL



## DIN 960 Grade 8.8 Fine Pitch Hexagon Bolt

Self Colour

**Sizes available from:**  
Diameter: **M10 to M24**  
Length: **40mm to 200mm**



METALMATE®  
FASTENERS FOR METAL



## DIN 933 Grade 8.8 Hexagon Setscrew

Self Colour  
Zinc Plated  
Hot Dipped Galvanised

**Sizes available from:**  
Diameter: **M3 to M48**  
Length: **6mm to 400mm**



METALMATE®  
FASTENERS FOR METAL



## DIN 933 Grade 10.9 Hexagon Setscrew

Self Colour  
Zinc Plated

**Sizes available from:**  
Diameter: **M5 to M36**  
Length: **10mm to 200mm**



METALMATE®  
FASTENERS FOR METAL



## DIN 961 Grade 8.8 Fine Pitch Hexagon Setscrew

Self Colour

**Sizes available from:**  
Diameter: **M8 to M24**  
Length: **16mm to 100mm**



METALMATE®  
FASTENERS FOR METAL



## DIN 603/555 Grade 4.8 Cup Square Hexagon Bolt & Nut

Zinc Plated  
Hot Dipped Galvanised

**Sizes available from:**  
Diameter: **M6 to M20**  
Length: **16mm to 400mm**



ALL ZINC PLATED LENGTHS UPTO &  
INCLUDING 150MM ARE FULLY THREADED

METALMATE®  
FASTENERS FOR METAL



## EN: 15048-1:2007 Grade 8.8 Assembled Bolting

Zinc Plated  
Hot Dipped Galvanised

**Sizes available from:**  
Diameter: **M12 to M24**  
Length: **30mm to 90mm**



METALMATE®  
FASTENERS FOR METAL



## DIN 912 Grade 12.9 Cap Screw

Self Colour  
Zinc Plated

**Sizes available from:**  
Diameter: **M2 to M48**  
Length: **4mm to 400mm**



METALMATE®  
FASTENERS FOR METAL

# CERTIFIED & ACCREDITED RANGE



**DIN 7991**  
**Grade 10.9**  
Countersunk Screw

Self Colour  
Zinc Plated

**3.1**  
CERTIFICATION  
AVAILABLE

**Sizes available from:**  
Diameter: **M3 to M24**  
Length: **6mm to 200mm**

METALMATE®  
FASTENERS FOR METAL




**ISO: 7380**  
**Grade 10.9**  
Dome Screw

Self Colour  
Zinc Plated

**3.1**  
CERTIFICATION  
AVAILABLE

**Sizes available from:**  
Diameter: **M3 to M16**  
Length: **5mm to 120mm**

METALMATE®  
FASTENERS FOR METAL



**DIN 934**  
**Grade 8**  
Full Nut

Self Colour  
Zinc Plated  
Galvanised

**IND.**  
INDEPENDENTLY  
TESTED

**Sizes available from:**  
Diameter: **M6 to M48**

UNC / UNF / BSW / BSF  
SIZING ALSO AVAILABLE

METALMATE®  
FASTENERS FOR METAL



**DIN 934**  
**Grade 10**  
Full Nut

Self Colour  
Zinc Plated

**IND.**  
INDEPENDENTLY  
TESTED

**Sizes available from:**  
Diameter: **M6 to M52**

METALMATE®  
FASTENERS FOR METAL




Girder Clamps

Hot Dip Galvanised  
Stainless Steel 316  
JS500

**CE**  
APPROVED

**Range includes:**  
Types A and B    Type D2  
Type AF            Type LS  
Type AAF          Type FC  
Type CF            Type F9  
Type LR

lindapter®




Hollo-Bolt®

Hot Dip Galvanised  
Sheraplex  
Stainless Steel 316  
JS500

**CE**  
APPROVED

**Range includes:**  
Hollo-Bolt®  
Hollo-Bolt® HCF  
Lindibolt®

lindapter®



Floor Fixings

Hot Dip Galvanised  
Sheraplex  
Stainless Steel 316  
Stainless Steel 304

**CE**  
APPROVED

**Range includes:**  
FloorFast®  
Grate-Fast®  
Type 1055

lindapter®



**ETA Approved**  
Heavy Duty Through Bolt  
**Option 7**

Zinc Plated

**ETA**  
APPROVED

**Sizes available from:**  
Diameter: **M8 to M20**  
Length: **60mm to 220mm**

FR:ULS:DER  
YOUR FIXING FACTORY



**ETA Approved**  
Non-Ferrous  
Heavy Duty Through Bolt  
**Option 7**

A4 Stainless Steel

**ETA**  
APPROVED

**Sizes available from:**  
Diameter: **M8 to M20**  
Length: **60mm to 220mm**

FR:ULS:DER  
YOUR FIXING FACTORY



# CERTIFIED & ACCREDITED RANGE



## ETA Approved Heavy Duty Anchor Hexagon Bolt

Zinc Plated

**Sizes available from:**  
Diameter: 12mm to 28mm  
Length: 80mm to 185mm



**FR:ULS:DER**  
YOUR FIXING FACTORY



## ETA Approved Heavy Duty Anchor Stud

Zinc Plated

**Sizes available from:**  
Diameter: 8mm to 16mm  
Length: 10mm to 70mm



**FR:ULS:DER**  
YOUR FIXING FACTORY



## ETA Approved Heavy Duty Anchor Countersunk

Zinc Plated

**Sizes available from:**  
Diameter: 6mm to 12mm  
Length: 10mm to 40mm



**FR:ULS:DER**  
YOUR FIXING FACTORY



## Styrene Free Polyester Resin

**Sizes available:**  
Size: 165ml & 300ml



**MASONMATE**  
FIXINGS FOR MASONRY



## Styrene Free Epoxy Acrylate

**Sizes available:**  
Size: 410ml



**MASONMATE**  
FIXINGS FOR MASONRY



## Styrene Free High-Load Vinylester Resin

**Sizes available:**  
Size: 410ml



**MASONMATE**  
FIXINGS FOR MASONRY



## ETA Approved Spin In Capsules

Vinylester

**Sizes available from:**  
Diameter: 8mm to 24mm



**MASONMATE**  
FIXINGS FOR MASONRY



## Twin Thread Woodscrew Countersunk Head

Zinc Plated

**Sizes available from:**  
Diameter: 4swg to 12swg  
Length: 1/2" to 4"



**MATERIAL: C1022 STEEL**

**TIMBERMATE**  
SCREWS FOR WOOD



## Twin Thread Woodscrew Round Head

Zinc Plated

**Sizes available from:**  
Diameter: 4swg to 10swg  
Length: 1/2" to 3"



**MATERIAL: C1022 STEEL**

**TIMBERMATE**  
SCREWS FOR WOOD

# CERTIFIED & ACCREDITED RANGE



**Carcass Screw**  
*Countersunk Head*

Black Oxide

**Sizes available from:**  
Diameter: **4mm**  
Length: **32mm & 45mm**

POZI HEAD DRIVE

MATERIAL: C1022 STEEL

TIMBERMATE®  
SCREWS FOR WOOD

CE APPROVED



**Single Thread Woodscrew**  
*Countersunk Head*

Zinc Plated  
Zinc Yellow Dye

**Sizes available from:**  
Diameter: **3mm to 6mm**  
Length: **12mm to 150mm**

POZI HEAD DRIVE

MATERIAL: C1022 STEEL

TIMBERMATE® F1  
SCREWS FOR WOOD

CE APPROVED



**Drywall Screw**  
*Bugle Head | Sharp Point*

Zinc Plated  
Phosphated

**Sizes available from:**  
Diameter: **3.5mm to 4.2mm**  
Length: **25mm to 100mm**

PHILLIPS HEAD DRIVE

MATERIAL: C1022 STEEL

TIMBERMATE®  
SCREWS FOR WOOD

CE APPROVED



**Drywall Screw**  
*Bugle Head | Drill Point*

Zinc Plated

**Sizes available from:**  
Diameter: **3.5mm to 4.2mm**  
Length: **25mm to 75mm**

PHILLIPS HEAD DRIVE

MATERIAL: C1022 STEEL

TIMBERMATE®  
SCREWS FOR WOOD

CE APPROVED



**Drywall Screw**  
*Wafer Head | Drill Point*

Zinc Plated

**Sizes available:**  
Diameter: **4.2mm**  
Length: **13mm**

PHILLIPS HEAD DRIVE

SHARP POINT TIP ALSO AVAILABLE

MATERIAL: C1022 STEEL

TIMBERMATE®  
SCREWS FOR WOOD

CE APPROVED

PAN HEAD ALSO AVAILABLE



**Hexagon Head Coachscrew**

Zinc Plated

**Sizes available from:**  
Diameter: **5mm to 16mm**  
Length: **20mm to 300mm**

PHILLIPS HEAD DRIVE

MATERIAL: C1022 STEEL

TIMBERMATE®  
SCREWS FOR WOOD

CE APPROVED



**Screw-Tite®**  
All Purpose Screw

Net-Coat® Yellow  
Net-Coat® Zinc

**Sizes available from:**  
Diameter: **3mm to 6mm**  
Length: **12mm to 150mm**

POZI HEAD DRIVE

PAN HEAD ALSO AVAILABLE IN NET-COAT® ZINC

Screw Tite®

CE APPROVED



**Tongue-Tite®**  
Tongue & Groove Screw

Net-Coat® Yellow

**Sizes available:**  
Diameter: **3.5mm**  
Length: **45mm**

TORX HEAD DRIVE

Tongue Tite®

CE APPROVED



**Tongue-Tite® Plus**  
Tongue & Groove Screw

Net-Coat® Clear  
- Stainless 316

**Sizes available from:**  
Diameter: **3.5mm**  
Length: **32mm to 49mm**

TORX HEAD DRIVE

Tongue Tite PLUS®

CE APPROVED

# CERTIFIED & ACCREDITED RANGE



**Lost-Tite®**  
Discreet Fix Screw


Net-Coat® Yellow Extra

**Sizes available from:**  
Diameter: 3.5mm  
Length: 25mm to 49mm

TORX HEAD DRIVE

CE APPROVED

Lost Tite®



**Floor-Tite®**  
Flooring Screw

Net-Coat® Blue

**Sizes available from:**  
Diameter: 4.2mm  
Length: 45mm & 55mm

POZI HEAD DRIVE

CE APPROVED

Floor Tite®



**Hinge-Tite®**  
Hinge Screw

Net-Coat® Brass  
Net-Coat® Chrome

**Sizes available from:**  
Diameter: 4mm & 4.5mm  
Length: 25mm to 40mm

RAISED HEAD ALSO AVAILABLE IN NET-COAT® CHROME

POZI HEAD DRIVE

CE APPROVED

Hinge Tite®



**Deck-Tite®**  
Deck & Outdoor Screw

Net-Coat® Green


**Sizes available from:**  
Diameter: 4mm & 4.5mm  
Length: 25mm to 63mm

HANDRAIL BRACKET KIT ALSO AVAILABLE

POZI HEAD DRIVE

CE APPROVED

Deck Tite®



**Deck-Tite® Plus**  
Deck & Outdoor Screw

Net-Coat® Clear  
- Stainless 316

**Sizes available from:**  
Diameter: 4.5mm  
Length: 50mm to 75mm

SQUARE HEAD DRIVE

CE APPROVED

Deck Tite PLUS®



**Deck-Tite®**  
**Composite Plus**  
Composite Decking Screw

Net-Coat® Clear  
- Stainless 316

**Sizes available from:**  
Diameter: 4.8mm  
Length: 53mm & 63mm

5 COLOURED HEADS AVAILABLE  
BLACK / BROWN / DARK BROWN /  
GREY / DARK GREY

TORX HEAD DRIVE

CE APPROVED

Deck Tite PLUS®



**Clad-Tite®**  
Removable Cladding Nail

Net-Coat® Clear  
- Stainless 316

**Sizes available:**  
Diameter: 3.1mm  
Length: 50mm

TORX HEAD DRIVE

CE APPROVED

Clad Tite®



**Timber-Tite®**  
Heavy Duty Timber Screw

Net-Coat® Green

**Sizes available from:**  
Diameter: 6.5mm  
Length: 80mm to 250mm

TORX HEAD DRIVE

CE APPROVED

Timber Tite®



**Exterior-Tite®**  
Exterior Screw

Net-Coat® Black  
Net-Coat® Silver

**Sizes available from:**  
Diameter: 3.5mm to 4.5mm  
Length: 16mm to 50mm

AVAILABLE WITH A  
COUNTERSUNK OR PAN HEAD

POZI HEAD DRIVE

CE APPROVED

Exterior Tite®

HAND TOOLS, CONSUMABLES,  
LUBRICANTS, ADHESIVES, SEALANTS  
AND POWER TOOL ACCESSORIES

QUALITY | RANGE | RELIABILITY

# HAND TOOLS



## Axes

Bahco  
Stanley  
Estwing

**Range includes:**  
Felling Axe  
Splitting Axe  
Cutting Axe  
Fibreglass Handle Axe



## Bars

Stanley  
Estwing

**Range includes:**  
Wrecking Bars  
Wonder Bars  
Demolition Bars  
Precision Pry Bars



## Bolt Cutters

Irwin  
Eclipse  
Knipex  
Bahco

Stanley

**Range includes:**  
Tensile Jaws  
Forged Handles  
Tubular Handles



## Chain

Sterling

**Range includes:**  
Long Link  
Square or Round



## Clamps, Cramps & Vices

Irwin  
Eclipse  
Hardman  
Stanley

Bahco

**Range includes:**  
G-Clamp  
Quick Clamp  
Engineers Vices  
Woodworking Vices



## Cold Chisels

Stanley  
Hardman

**Range includes:**  
Flat Cold Chisels  
Scutch Holder Chisel  
Brick Bolsters  
(With or Without Hand Guards)



## Decorating

Stanley  
Hardman  
Ciret  
Barrettine

Everbuild

**Range includes:**  
Paint Brushes  
Roller Refills  
Kettles  
Decorating Sundries



## Detectors

Stanley  
Bosch

**Range includes:**  
Moisture Detectors  
Stud Sensors



## Drywall

Stanley  
Marshalltown

**Range includes:**  
Taping Knives  
T Square  
Stud Crimper  
Joint Knives  
Finishing Trowels  
Compound Mixers

# HAND TOOLS

## Electrical Equipment



Hardman  
Brennenstuhl

**Range includes:**  
Cable Reels  
Extension Cables  
Plugs & Couplings  
Transformers  
Trailing Sockets

## Files



Stanley  
Bahco

**Range includes:**  
Files  
Rasps  
File Handles  
File Sets

## Hammers



Stanley  
Hardman  
Estwing  
Thor

**Range includes:**  
Claw Hammers  
Brick Hammers  
Demolition Hammers  
Club Hammers  
Sledge Hammers

## Handsaws



Bahco                  Eclipse  
Irwin  
Stanley  
Spear & Jackson

**Range includes:**  
Fine Cut Saws  
Course Cut Saws  
Tenon Saws  
Concrete Saws  
Jab Saws

## Keys



Eklind  
Bahco  
Stanley

**Range includes:**  
Hex Keys  
Ball End Keys  
Key Sets

## Knives & Blades



Stanley  
Irwin  
Bahco

**Range includes:**  
Retractable Knives  
Spring Back Knives  
Utility Knives  
Snap-Off Blade Knives  
Heavy Duty Blades  
Hooked Knife Blades

## Laser Levels



Stanley  
Bosch

**Range includes:**  
Optical Levels  
Rotary Lasers  
Line Lasers  
Spot Lasers

## Levels



Stanley  
Bahco

**Range includes:**  
I-Beam Levels  
Box Levels  
Magnetic Levels  
Torpedo Levels  
Line Levels  
Pocket Levels

## Locking Pliers



Irwin  
Stanley

**Range includes:**  
Straight Jaw  
Curved Jaw  
Long Nose Pliers  
Sets

# HAND TOOLS

## Marking Out & Measuring



Hardman  
Irwin  
Stanley  
Marshalltown  
Fisher

Rocol  
Cardoc  
Bahco

**Range includes:**  
Rules  
Combination Squares  
Chalk Lines

## Padlocks



Sterling

**Range includes:**  
Keyed Alike  
Master Keys  
Combination  
Open Shackle  
Weatherproof

## Planes



Irwin  
Stanley

**Range includes:**  
Smoothing Plane  
Block Plane  
Spokeshave  
Surform Plane  
Plane Blades

## Plastering, Trowels & Accessories



Marshalltown  
Hardman  
Spear & Jackson  
Stanley

**Range includes:**  
Finishing Trowels  
Corner Trowels  
Hawks  
Swivel Pole Sander

## Pliers



Knipex  
Stanley  
Bahco

**Range includes:**  
Combination Pliers  
Diagonal Cutting Pliers  
Long Nose Pliers  
VDE Pliers  
End Nippers

## Plumbing



Irwin  
Everbuild  
Stanley  
Knipex

Rocol  
Starrett  
Morse  
DART

**Range includes:**  
Pipe Slice  
Pipe Bending Machine  
Chain Pipe Vice  
PTFE Tape  
Leak Detector Spray

## PPE



Irwin  
Portwest  
DEB

Everbuild  
Hardman

**Range includes:**  
Hi-Vis  
Headwear & Glasses  
Safety Masks  
Gloves  
Cleaners / Wipes  
Protection Creams

## Precision Engineering



Starrett  
Stanley  
RST

**Range includes:**  
Joint Calipers  
Combination Set  
Steel Rule

## Punches



Eclipse

**Range includes:**  
Centre Punches  
Nail Punches  
Pin Punches

# HAND TOOLS



## Ratchet Tie Downs

Hardman

**Range includes:**  
0.75 tonne  
3 tonne  
5 tonne



## Riveters

Eclipse  
Gesipa  
Stanley  
Bahco

**Range includes:**  
Swivel Head  
Lazy Tong



## Sawhorses

Stanley

**Range includes:**  
Folding Sawhorse  
2-way Adjustable Sawhorse  
Junior Sawhorse



## Screwdriver

Stanley  
Bahco

**Range includes:**  
Flared  
Parallel  
Pozi  
Phillips  
Torx  
Mains Voltage Testers  
VDE  
Sets



## Security

Sterling

**Range includes:**  
Key Minders  
Key Cabinets  
Cash Boxes  
Padlocks  
Door Security  
Cam Locks



## Shovels & Forks

Bulldog

**Range includes:**  
Taper Mouth Shovels  
Square Mouth Shovels  
Cable Laying Shovel  
Rakes  
Pick Head  
Forks  
VDE



## Skeleton Gun

Hardman  
Everbuild

**Range includes:**  
Skeleton Gun  
Mastic Gun



## Snips

Stanley  
Irwin  
Knipex

**Range includes:**  
Left & Straight Cut  
Right & Straight Cut  
Straight & Curve Cut  
Aviation Snips



## Socketry

Bahco  
Stanley

**Range includes:**  
1/2" Square Drive  
3/8" Square Drive  
1" Square Drive  
Socket Sets  
Extension Bars



# HAND TOOLS



## Spanners

Stanley  
Bahco

**Range includes:**  
Open End Spanners  
Combination Spanners  
Ring Spanners  
Sets



## Staplers & Staples

Arrow  
Stanley

**Range includes:**  
Staple Gun  
Hammer Tacker  
Plier Type Stapler  
Staple Packs



## Tape

Hardman  
Everbuild  
Ultratape

**Range includes:**  
Insulation Tape  
Hazard Warning Tape  
PTFE Tape  
Masking Tape  
Gaffa Tape



## Tape Measures

Stanley  
Bahco  
Hardman

**Range includes:**  
Short Tape  
Long Tape  
Rules



## Taps & Dies

Eclipse  
Recoil  
Dormer  
Klingspor

**Range includes:**  
HSS Taps  
Dies  
Thread Repair Kit



## Tool Storage

Stanley  
Bahco

**Range includes:**  
Rolling Workshops  
Tool Chests  
Toolboxes  
Soft Storage  
Organisers



## Torches & Lanterns

Brennenstuhl  
Stanley

**Range includes:**  
Headlamp Torches  
Tripod Torches  
Hand Torches



## Tubs & Buckets

Tubtrugs  
Gorilla Tubs

**Range includes:**  
Tubtrugs  
Builders Buckets

# HAND TOOLS



## VDE

Bahco  
Knipex  
Stanley

**Range includes:**  
Screwdrivers  
Pliers  
Cable Knife  
Adjustable Wrench  
Sockets  
Spanners



## Wood Chisels

Irwin  
Stanley  
Bahco

**Range includes:**  
Splitproof Chisel  
Bevel Edge Chisel  
ThruTang Chisel  
Wrecking Chisel



## Wrenches

Bahco  
Stanley  
Hardman  
Irwin

**Range includes:**  
Adjustable Wrench  
Stillson Wrench  
Pipe Wrench  
Handi wrench  
Chain Pipe Wrench

# QUALITY TOOLS FROM THE WORLD'S LEADING MANUFACTURERS

TRUSTED BY THE WORLD'S LEADING TOOL MANUFACTURERS.

**WORLD LEADING BRANDS:** BAHCO, BOSCH, DORMER, ESTWING, EVERBUILD, IRWIN, Rocol, STANLEY, STARRETT, PLUS MANY, MANY MORE.

**EXTENSIVE RANGE:** HAND TOOLS, POWER TOOL ACCESSORIES, SEALANTS AND ADHESIVES, LUBRICANTS, PPE AND SECURITY.



# CONSUMABLES

## Batteries



Duracell

**Range includes:**

AAA

AA

C

D

9V

Industrial Packs

Retail Packs

## Cleaning & Hygiene



Everbuild

Deb

Tygris

Barrettine

**Range includes:**

White Spirit

Soaps

Sprays

Wipes

## Dust Sheets



Hardman

Stanley

Everbuild

**Range includes:**

Cotton Twill

## Line Paint



Rocol

Everbuild

**Range includes:**

Line Paint

Applicators

## Paints & Cleaners



Barrettine

Everbuild

**Range includes:**

White Spirit

Creocote

Caustic Soda

Wonder Wipes

## Rubble Sacks



Hardman

**Range includes:**

Heavy Duty

## Spill Kits & Mats



Tygris

**Range includes:**

Emergency Spill Kit

## Tarpaulin



Hardman

Stanley

Everbuild

**Range includes:**

Builders Tarpaulin

Heavy Duty Tarpaulin

# IT DOESN'T HAVE TO BE SPEC'D TO BE USED.

ROCOL develop, manufacture and market technically advanced industrial lubricants and line marking systems to industries worldwide, giving you performance you can trust.

A ROCOL product is commonly found where a lubricant is specified for a job when a highly technical specifically formulated product is required...BUT...ROCOL can be used by anyone and is not only for a product-specified job, they are also great for everyday uses in workshops, machine shops and jobs within food industries.



# ROCOL®

## ROCOL RANGES

- **RTD** - significantly reduces friction at the cutting edge, giving superb performance, extends tool life and promotes superior surface finish.
- **PFPE Greases** - designed to operate in aggressive environments where other lubricants fail, ROCOL PFPE greases are vacuum resistant, oxygen compatible, non-combustible and highly resistant to chemical attack.
- **BIOGEN WIRESHIELD®** - a wire rope lubricant developed to either equal or outperform mineral oil lubricants whilst still being an environmentally acceptable lubricant and VGP compliant.
- **ANTI-SEIZE** - ROCOL anti-seize products are specifically formulated to reduce downtime and the costs of assembly by preventing the galling, pick-up and corrosion that cause seizure of metal to metal surfaces.
- **FOODLUBE®** - the food grade lubrication solution of choice for the food and clean industries. FOODLUBE food grade lubricants help to improve overall equipment efficiency whilst meeting HACCP processes and significantly reducing costs and downtime.
- **EASYLINE®** - accepted as the ultimate line marking paint aerosol around the world, the system is guaranteed to produce the sharpest, brightest and most durable lines on the market.

Contact your account manager for more information or visit [www.rocol.com](http://www.rocol.com)

# LUBRICANTS, ADHESIVES AND SEALANTS



## Adhesives

Arrow  
Everbuild  
Stanley  
Tygris

**Range includes:**  
Glue Sticks  
Grab Adhesive  
Plasterboard Adhesive  
Wood Adhesive  
Super-glues & Activators



## Lubricant Accessories

Tygris  
Wesco

**Range includes:**  
Grease Guns  
Grease Nipples



## Lubricants

Rocol  
Tygris  
WD40

**Range includes:**  
RTD  
Food Production Lubricants  
Metalworking Lubricants  
Chain Lubricants  
Anti-Seize



## Sealants

Everbuild

**Range includes:**  
Professional  
Fire Protection  
DIY  
Guns & Tools  
General Purpose  
Silicone Eater



# POWER TOOL ACCESSORIES

## Abrasives



Klingspor

**Range includes:**  
Abrasive Belts  
Fibre Discs  
Mop Wheels

## Arbors & Adaptors



Starrett DART  
Bosch  
Morse  
Bahco

**Range includes:**  
Multipurpose Arbors  
SDS Plus Arbor  
Extension  
Adaptor  
Pilot Drill

## Auger Bits



Bahco  
Irwin

**Range includes:**  
Auger Drill Bits  
Auger Extensions  
Auger Bit Sets

## Burrs



Dormer  
Klingspor

**Range includes:**  
Carbide Burrs  
Sets

## Circular Saw Blades



Irwin

**Range includes:**  
Circular Saw Blades  
Diamond Blades  
Multipurpose Blades

## Cutting, Grinding & Abrasive Discs



Hardman  
SIT  
Klingspor  
Duro

**Range includes:**  
Cutting Discs  
Grinding Discs  
Abrasive Discs

## Diamond Blades



Bosch  
Duro  
Evolution  
Klingspor

**Range includes:**  
VFM10 Diamond Blades  
Laser Multicut Diamond Blades

## Flat Wood Bits



Irwin  
Bahco  
Bosch

**Range includes:**  
Flat Wood Bits  
Extension Bar  
Flat Wood Bit Set

## Grinding & Polishing



SIT  
Klingspor

**Range includes:**  
Steel Wire Wheels  
Twist Knot Wheels  
Conical Crimped Brush

# POWER TOOL ACCESSORIES

## Holesaws



Starrett DART  
Bosch  
Morse  
Bahco

**Range includes:**  
Constant Pitch Holesaws  
Dual Pitch Holesaws  
HSS Bi-Metal Holesaws  
Progressor Holesaws  
Adaptors

## HSS Blades



Eclipse  
Bahco  
Stanley  
Starrett

**Range includes:**  
HSS Blades

## HSS Drill Bits



Bosch  
Dormer  
DART  
Irwin

**Range includes:**  
HSS Drill Bits  
Sets

## Jigsaw Blades



Starrett  
Bosch

**Range includes:**  
Jigsaw Blades  
Sets

## Sabre Saw Blades



Bosch

**Range includes:**  
Sabre Saw Blades  
Heavy Duty Sabre Saw Blades  
Sets

## Screwdriver Bits



Bosch  
Stanley  
Bahco

**Range includes:**  
Screwdriver Bits  
Double End Insert Bit  
Quick Release Bit Holder  
Magnetic Bit Holder  
Bit Sets

## SDS Bits & Chisels



Bosch

**Range includes:**  
SDS Plus Flat Chisel  
SDS Plus Pointing Chisel  
SDS Plus Bit  
SDS Plus Bit Adaptor

VIEW OUR  
FULL RANGE  
OF DORMER  
PRODUCTS  
AVAILABLE

ASK YOUR SALES REP  
FOR A COPY OF THE  
BROCHURE TODAY







# TECHNICAL DATA

## Washer Dimension Chart

IMPERIAL					METRIC					BA							
Bright				Black	Bright				Black	BA							
INS	T3 L.P	T3 H.P	T4 L.P	T4 H.P	T8	T7	MM	A H.P	B L.P	C H.P	D L.P	E	F	G	B.A.	T1 SMALL	T2 LARGE
3/32			5/16 <sub>21</sub>	5/16 <sub>19</sub>			2	5.0 <sub>0.3</sub>							0	.500 <sub>19</sub>	.625 <sub>17</sub>
1/8	5/16 <sub>21</sub>	5/16 <sub>19</sub>	3/8 <sub>21</sub>	3/8 <sub>18</sub>			2.5	6.0 <sub>0.5</sub>							1	.443 <sub>19</sub>	.565 <sub>18</sub>
5/32	3/8 <sub>21</sub>	3/8 <sub>18</sub>	7/16 <sub>21</sub>	7/16 <sub>18</sub>			3	7.0 <sub>0.5</sub>							2	.391 <sub>21</sub>	.500 <sub>18</sub>
3/16	7/16 <sub>21</sub>	7/16 <sub>18</sub>	1/2 <sub>21</sub>	1/2 <sub>17</sub>		1/2 <sub>16</sub>	4	9.0 <sub>0.8</sub>		10.0 <sub>0.9</sub>					3	.341 <sub>22</sub>	.432 <sub>19</sub>
1/4	9/16 <sub>20</sub>	9/16 <sub>17</sub>	5/8 <sub>19</sub>	5/8 <sub>17</sub>	3/4 <sub>12</sub>	5/8 <sub>16</sub>	5	10.0 <sub>1.0</sub>	10.0 <sub>0.8</sub>	12.5 <sub>1.0</sub>		10.0 <sub>1.0</sub>		15.0 <sub>1.6</sub>	4	.301 <sub>22</sub>	.378 <sub>19</sub>
5/16	5/8 <sub>19</sub>	5/8 <sub>15</sub>	3/4 <sub>18</sub>	3/4 <sub>15</sub>	7/8 <sub>12</sub>	3/4 <sub>14</sub>	6	12.5 <sub>1.6</sub>	12.5 <sub>0.8</sub>	14 <sub>1.6</sub>	14 <sub>0.8</sub>	12.5 <sub>1.6</sub>		18 <sub>2.0</sub>	5	.268 <sub>23</sub>	.335 <sub>20</sub>
3/8	3/4 <sub>18</sub>	3/4 <sub>15</sub>	7/8 <sub>18</sub>	7/8 <sub>15</sub>	1" <sub>12</sub>	7/8 <sub>14</sub>	7	14 <sub>1.6</sub>							6	.233 <sub>23</sub>	.288 <sub>20</sub>
7/16	7/8 <sub>18</sub>	7/8 <sub>13</sub>	1" <sub>17</sub>	1" <sub>13</sub>	1.1/8 <sub>12</sub>	1" <sub>12</sub>	8	17 <sub>1.6</sub>	17 <sub>1.0</sub>	21 <sub>1.6</sub>	21 <sub>1.0</sub>	17 <sub>1.6</sub>	21 <sub>1.6</sub>	24 <sub>2.0</sub>	7	.208 <sub>24</sub>	.257 <sub>22</sub>
1/2	1" <sub>17</sub>	1" <sub>13</sub>	1.1/8 <sub>17</sub>	1.1/8 <sub>13</sub>	1.1/4 <sub>12</sub>	1.1/8 <sub>12</sub>	10	21 <sub>2.0</sub>	21 <sub>1.25</sub>	24 <sub>2.0</sub>	24 <sub>1.25</sub>	21 <sub>2.0</sub>	24 <sub>2.0</sub>	30 <sub>2.5</sub>	8	.185 <sub>25</sub>	.228 <sub>25</sub>
9/16	1.1/8 <sub>17</sub>	1.1/8 <sub>12</sub>	1.1/4 <sub>17</sub>	1.1/4 <sub>12</sub>	1.3/8 <sub>10</sub>	1.1/4 <sub>10</sub>	12	24 <sub>2.5</sub>	24 <sub>1.6</sub>	28 <sub>2.5</sub>	28 <sub>1.6</sub>	24 <sub>2.5</sub>	28 <sub>2.5</sub>	36 <sub>3.0</sub>	10		.176 <sub>27</sub>
5/8	1.1/4 <sub>15</sub>	1.1/4 <sub>11</sub>	1.3/8 <sub>15</sub>	1.3/8 <sub>11</sub>	1.1/2 <sub>10</sub>	1.3/8 <sub>10</sub>	14	28 <sub>2.5</sub>	28 <sub>1.6</sub>	30 <sub>3.0</sub>	30 <sub>1.6</sub>	28 <sub>2.5</sub>	30 <sub>2.5</sub>	42 <sub>3.0</sub>			
3/4	1.1/2 <sub>15</sub>	1.1/2 <sub>10</sub>	1.5/8 <sub>15</sub>	1.5/8 <sub>10</sub>	1.3/4 <sub>9</sub>	1.5/8 <sub>9</sub>	16	30 <sub>3.0</sub>	30 <sub>2.0</sub>	34 <sub>3.0</sub>	34 <sub>2.0</sub>	30 <sub>3.0</sub>	34 <sub>3.0</sub>	48 <sub>4.0</sub>			
7/8	1.5/8 <sub>15</sub>	1.5/8 <sub>9</sub>	1.7/8 <sub>15</sub>	1.7/8 <sub>9</sub>	2" <sub>8</sub>	1.7/8 <sub>8</sub>	18	34 <sub>3.0</sub>	34 <sub>2.0</sub>	37 <sub>3.0</sub>	37 <sub>2.0</sub>	34 <sub>3.0</sub>	37 <sub>3.0</sub>	54 <sub>4.0</sub>			
1"	1.7/8 <sub>15</sub>	1.7/8 <sub>8</sub>	2.1/8 <sub>13</sub>	2.1/8 <sub>8</sub>	2.1/4 <sub>7</sub>	2.1/8 <sub>7</sub>	20	37 <sub>3.0</sub>	37 <sub>2.0</sub>	39 <sub>3.0</sub>	39 <sub>2.0</sub>	37 <sub>3.0</sub>	39 <sub>2.0</sub>	60 <sub>5.0</sub>			
1.1/8	2.1/8 <sub>13</sub>	2.1/8 <sub>7</sub>	2.3/8 <sub>12</sub>	2.3/8 <sub>7</sub>	2.1/2 <sub>7</sub>	2.3/8 <sub>7</sub>	22	39 <sub>3.0</sub>	39 <sub>3.0</sub>			39 <sub>3.0</sub>	44 <sub>3.0</sub>	66 <sub>5.0</sub>			
1.1/4	2.3/8 <sub>11</sub>	2.3/8 <sub>7</sub>	2.5/8 <sub>11</sub>	2.5/8 <sub>7</sub>	2.3/4 <sub>6</sub>	2.5/8 <sub>6</sub>	24	44 <sub>4.0</sub>	44 <sub>2.5</sub>	50 <sub>4.0</sub>	50 <sub>2.5</sub>	44 <sub>4.0</sub>	50 <sub>4.0</sub>	72 <sub>6.0</sub>			
1.3/8	2.5/8 <sub>10</sub>	2.5/8 <sub>6</sub>	2.7/8 <sub>10</sub>	2.7/8 <sub>6</sub>	3" <sub>6</sub>	2.7/8 <sub>6</sub>	27	50 <sub>4.0</sub>	50 <sub>2.5</sub>			50 <sub>4.0</sub>	56 <sub>4.0</sub>	81 <sub>6.0</sub>			
1.1/2	2.7/8 <sub>10</sub>	2.7/8 <sub>6</sub>	3.1/8 <sub>10</sub>	3.1/8 <sub>6</sub>	3.1/4 <sub>5</sub>	3.1/8 <sub>5</sub>	30	56 <sub>4.0</sub>	56 <sub>2.5</sub>			56 <sub>4.0</sub>	60 <sub>4.0</sub>	90 <sub>6.0</sub>			
1.5/8					3.1/2 <sub>5</sub>	3.3/8 <sub>5</sub>	33	60 <sub>5.0</sub>	60 <sub>3.0</sub>			60 <sub>5.0</sub>	66 <sub>5.0</sub>	99 <sub>8.0</sub>			
1.3/4	3.3/8 <sub>10</sub>	3.3/8 <sub>5</sub>	3.5/8 <sub>10</sub>	3.5/8 <sub>5</sub>	3.3/4 <sub>5</sub>	3.5/8 <sub>5</sub>	36	66 <sub>5.0</sub>	66 <sub>3.0</sub>			66 <sub>5.0</sub>	72 <sub>5.0</sub>	108 <sub>10.0</sub>			
2"	3.5/8 <sub>10</sub>	3.5/8 <sub>5</sub>	4.1/8 <sub>10</sub>	4.1/8 <sub>5</sub>	4.1/4 <sub>5</sub>	4.1/8 <sub>5</sub>	39	72 <sub>6.0</sub>	72 <sub>3.0</sub>			72 <sub>6.0</sub>	77 <sub>6.0</sub>	117 <sub>10.0</sub>			
							42					77 <sub>7.0</sub>	78 <sub>7.0</sub>				
							48					92 <sub>8.0</sub>	92 <sub>8.0</sub>				
							56					105 <sub>9.0</sub>					
							64					115 <sub>9.0</sub>					

Gauges  
S.W.G.

No.	INS	MM
25	.020	0.50
24	.022	0.55
23	.024	0.60
22	.028	0.70
21	.032	0.80
20	.036	0.90
19	.040	1.01
18	.048	1.21
17	.056	1.42
16	.064	1.62
15	.072	1.82
14	.080	2.02
13	.092	2.33
12	.104	2.63
11	.116	2.93
10	.128	3.24
9	.144	3.64
8	.160	4.05
7	.176	4.45
6	.192	4.90
5	.212	5.36

## Equivalents

M2	5/64"	No. 4	2.9mm	30mm	1.1/4"
M3	1/8"	No. 6	3.5mm	40mm	1.1/2"
M4	5/32"	No. 8	4.2mm	50mm	2"
M5	3/16"	No. 10	4.8mm	65mm	2.1/2"
M6	1/4"	No. 12	5.5mm	75mm	3"
M8	5/16"	No. 14	6.3mm	90mm	3.1/2"
M10	3/8"	No. 16	7.0mm	100mm	4"
M12	1/2"			125mm	5"
M14	9/16"			150mm	6"
M16	5/8"				
M18	11/16"			10BA = 1/16 = 1.5mm	
M20	3/4"			8BA = 3/32 = 2.5mm	
M22	7/8"			6BA = 1/8 = 3.0mm	
M24	1"			4BA = 9/64 = 3.5mm	
M27	1.1/8"			2BA = 3/16 = 5.0mm	
M30	1.1/4"			0BA = 1/4 = 6.0mm	

## Standard Thread Lengths

**Cup Square Hexagon**  
Up to & including 150mm length will be T.T.H.  
(threaded to head)

Above 150mm long = 150mm of thread  
e.g. M10 x 160mm cup square hexagon will have 10mm of plain shank.

## Socket Dome Screws

Grade 10.9 will be T.T.H.  
(threaded to head)

## For Socket Cap and Socket Countersunk

Please see manufacturers specifications.

## DIN 931 Hexagon Head Bolts

Metric up to 120mm long = 2 x dia + 6mm

e.g. M10 x 75 will have 26mm of thread!

2 x 10mm = 20mm + 6mm = 26mm

125mm - 200mm long = 2 x dia + 12mm

Over 200mm long = 2 x dia + 25mm

# TECHNICAL DATA

## High Tensile Head Diameter & Torque Information

Product No.	Material	Grade <small>Bolts &amp; Set Screws</small>	Thread	Diameter <small>Bolts, Set Screws &amp; Hex Nuts</small>	Standard No. <small>Bolts &amp; Set Screws</small>	Pitch / TPI <small>Bolts, Set Screws &amp; Hex Nuts</small>	Across Flats <small>Bolts, Set Screws &amp; Hex Nuts</small>	Tightening Torque <small>(Self Colour)</small>	Tightening Torque <small>(Zinc Plated)</small>
0318M	High Tensile	8.8	Metric	M4	DIN 933	0.70 PITCH	7mm A/F	3.4Nm	2.5Nm
0317M	High Tensile	8.8	Metric	M5	DIN 931/933	0.80 PITCH	8mm A/F	6.9Nm	5.175Nm
0317M	High Tensile	8.8	Metric	M6	DIN 931/933	1.00 PITCH	10mm A/F	11.7Nm	8.77Nm
0317M	High Tensile	8.8	Metric	M8	DIN 931/933	1.25 PITCH	13mm A/F	28Nm	21Nm
0317M	High Tensile	8.8	Metric	M10	DIN 931/933	1.50 PITCH	17mm A/F	56Nm	42Nm
0317M	High Tensile	8.8	Metric	M12	DIN 931/933	1.75 PITCH	19mm A/F	98Nm	73.5Nm
0317M	High Tensile	8.8	Metric	M14	DIN 931/933	2.00 PITCH	22mm A/F	141Nm	105Nm
0317M	High Tensile	8.8	Metric	M16	DIN 931/933	2.00 PITCH	24mm A/F	244Nm	183Nm
0317M	High Tensile	8.8	Metric	M18	DIN 931/933	2.50 PITCH	27mm A/F	295Nm	221Nm
0317M	High Tensile	8.8	Metric	M20	DIN 931/933	2.50 PITCH	30mm A/F	476Nm	357Nm
0317M	High Tensile	8.8	Metric	M22	DIN 931/933	2.50 PITCH	32mm A/F	570Nm	455Nm
0317M	High Tensile	8.8	Metric	M24	DIN 931/933	3.00 PITCH	36mm A/F	822Nm	616.5Nm
0317M	High Tensile	8.8	Metric	M27	DIN 931/933	3.00 PITCH	41mm A/F	980Nm	735Nm
0317M	High Tensile	8.8	Metric	M30	DIN 931/933	3.50 PITCH	46mm A/F	1,633Nm	1,225Nm
0317M	High Tensile	8.8	Metric	M33	DIN 931/933	3.50 PITCH	50mm A/F	1,970Nm	1,570Nm
0317M	High Tensile	8.8	Metric	M36	DIN 931/933	4.00 PITCH	55mm A/F	2,854Nm	2,141Nm

### Pozidriv Screwdriver Point Size and Screw Gauge Combination

Screwdriver Point Size	Woodscrew Gauge
1	2 to 4
2	5 to 10
3	12 to 14
4	16+

### Stainless Steel Grading

**A2** - 18/8 - 302 Stainless Steel

**A4** - 18/10/3 - 316 Stainless Steel

**Grade 70** = 700 Newtons/mm<sup>2</sup> = Grade 7.7 approx

**Grade 80** = 800 Newtons/mm<sup>2</sup> = Grade 8.8 approx

# TECHNICAL DATA

## Thread Data

Nominal Size	No. of threads per inch	
	B.S.W	B.S.F
1/4"	20	26
5/16"	18	22
3/8"	16	20
7/16"	14	18
1/2"	12	16
9/16"	12	16
5/8"	11	14
3/4"	10	12
7/8"	9	11
1"	8	10
1.1/8"	7	9
1.1/4"	7	9
1.3/8"	6	8
1.1/2"	6	8
1.3/4"	5	7
2"	4.5	7
2.1/4"	4	6
2.1/2"	4	6
2.3/4"	3.5	6
3"	3.5	5
3.1/4"	3.25	5
3.1/2"	3.25	4.5
4"	3	4.5
4.1/2"	2.875	-
5"	2.75	-
5.1/2"	2.75	-
6"	2.5	-

Nominal Size	No. of threads per inch	
	U.N.C	U.N.F
1/4"	20	28
5/16"	18	24
3/8"	16	24
7/16"	14	20
1/2"	13	20
9/16"	12	18
5/8"	11	18
3/4"	10	16
7/8"	9	14
1"	8	12
1.1/8"	7	12
1.1/4"	7	12
1.3/8"	6	12
1.1/2"	6	12
1.3/4"	5	-
2"	4.5	-
2.1/4"	4.5	-
2.1/2"	4	-
2.3/4"	4	-
3"	4	-
3.1/4"	4	-
3.1/2"	4	-
4"	4	-

Metric	Thread Pitch		
	Course	Fine	Extra Fine
M3	0.50	-	-
M4	0.70	-	-
M5	0.80	-	-
M6	1.00	-	-
M8	1.25	1.00	-
M10	1.50	1.25	1.00
M12	1.75	1.50	1.25
M14	2.00	1.50	-
M16	2.00	1.50	-
M18	2.50	2.00	1.50
M20	2.50	2.00	1.50
M22	2.50	2.00	1.50
M24	3.00	2.00	1.50
M27	3.00	2.00	1.50
M30	3.50	2.00	1.50
M33	3.50	2.00	1.50
M36	4.00	3.00	1.50
M39	4.00	3.00	1.50
M42	4.50	3.00	1.50
M45	4.50	3.00	1.50
M48	5.00	3.00	1.50
M52	5.00	3.00	1.50
M56	5.50	4.00	2.00
M60	5.50	4.00	2.00
M64	6.00	4.00	2.00
M68	6.00	4.00	2.00
M72	6.00	4.00	2.00
M76	6.00	4.00	2.00
M80	6.00	4.00	2.00
M85	6.00	4.00	2.00
M90	6.00	4.00	2.00
M100	6.00	4.00	2.00

# TECHNICAL DATA

## Hexagon Drive Sizes For Socket Cap Screws

Category	Grade	Standard	Diameter	Wrench Key
Skt Cap Screw	12.9	DIN 912	M2	1.5mm
Skt Cap Screw	12.9	DIN 912	M2.5	2mm
Skt Cap Screw	12.9	DIN 912	M3	2.5mm
Skt Cap Screw	12.9	DIN 912	M4	3mm
Skt Cap Screw	12.9	DIN 912	M5	4mm
Skt Cap Screw	12.9	DIN 912	M6	5mm
Skt Cap Screw	12.9	DIN 912	M8	6mm
Skt Cap Screw	12.9	DIN 912	M10	8mm
Skt Cap Screw	12.9	DIN 912	M12	10mm
Skt Cap Screw	12.9	DIN 912	M14	12mm
Skt Cap Screw	12.9	DIN 912	M16	14mm
Skt Cap Screw	12.9	DIN 912	M20	17mm
Skt Cap Screw	12.9	DIN 912	M24	19mm
Skt Cap Screw	12.9	DIN 912	M30	22mm
Skt Cap Screw	12.9	DIN 912	M36	27mm

## Hexagon Drive Sizes For Socket Dome (Button) Screws

Category	Grade	Standard	Diameter	Wrench Key
Skt Dome Screw	10.9	ISO 7380	M3	2mm
Skt Dome Screw	10.9	ISO 7380	M4	2.5mm
Skt Dome Screw	10.9	ISO 7380	M5	3mm
Skt Dome Screw	10.9	ISO 7380	M6	4mm
Skt Dome Screw	10.9	ISO 7380	M8	5mm
Skt Dome Screw	10.9	ISO 7380	M10	6mm
Skt Dome Screw	10.9	ISO 7380	M12	8mm
Skt Dome Screw	10.9	ISO 7380	M16	10mm

## Hexagon Drive Sizes For Socket Countersunk Screws

Category	Grade	Standard	Diameter	Wrench Key
Skt CSK Screw (90° Head)	10.9	DIN 7991	M3	2mm
Skt CSK Screw (90° Head)	10.9	DIN 7991	M4	2.5mm
Skt CSK Screw (90° Head)	10.9	DIN 7991	M5	3mm
Skt CSK Screw (90° Head)	10.9	DIN 7991	M6	4mm
Skt CSK Screw (90° Head)	10.9	DIN 7991	M8	5mm
Skt CSK Screw (90° Head)	10.9	DIN 7991	M10	6mm
Skt CSK Screw (90° Head)	10.9	DIN 7991	M12	8mm
Skt CSK Screw (90° Head)	10.9	DIN 7991	M16	10mm
Skt CSK Screw (90° Head)	10.9	DIN 7991	M20	12mm

## Hexagon Drive Sizes For Socket Set (Grub) Screws

Category	Grade	Standard	Diameter	Wrench Key
Skt Setscrew (Plain Cup Point)	14.9	DIN 916	M2	1mm
Skt Setscrew (Plain Cup Point)	14.9	DIN 916	M2.5	1.2mm
Skt Setscrew (Plain Cup Point)	14.9	DIN 916	M3	1.4mm
Skt Setscrew (Plain Cup Point)	14.9	DIN 916	M4	2mm
Skt Setscrew (Plain Cup Point)	14.9	DIN 916	M5	2.5mm
Skt Setscrew (Plain Cup Point)	14.9	DIN 916	M6	3mm
Skt Setscrew (Plain Cup Point)	14.9	DIN 916	M8	5mm
Skt Setscrew (Plain Cup Point)	14.9	DIN 916	M10	6mm
Skt Setscrew (Plain Cup Point)	14.9	DIN 916	M12	8mm
Skt Setscrew (Plain Cup Point)	14.9	DIN 916	M16	10mm
Skt Setscrew (Plain Cup Point)	14.9	DIN 916	M20	14mm

# TECHNICAL DATA

## Electro Chemically Induced Corrosion

Many corrosion problems arise from the fact that two dissimilar metals are in contact, leading to electro-chemical activity in damp conditions. This can be reduced or eliminated by controlling the embeience (e.g. particularly limiting the humidity), or isolating dissimilar metals by insulating compounds, washers, etc. Further protection can be given by applying coatings of grease, paint, waxes, etc.

**Compatibility Table - Metal-to-Metal Contact**

	Aluminium	Aluminium Bronze	Cast Iron	Copper	Manganese Bronze	Mild Steel	Stainless Steel	Phosphor Bronze
Aluminium	●	×	×	×	×	×	◐	×
Aluminium Bronze	×	●	×	●	○	×	◐	●
Cast Iron	×	×	●	×	×	●	×	×
Copper	×	●	×	●	○	×	○	●
Manganese Bronze	×	○	×	○	●	×	○	○
Mild Steel	×	×	●	×	×	●	×	×
Stainless Steel	◐	○	×	○	○	×	●	○
Phosphor Bronze	×	●	×	●	○	×	○	●

- Can be used together under all conditions
  - Only safe to use together in dry conditions
  - ◐ Limited compatibility - may or may not prove suitable under all conditions
  - ×
- Not compatible - should not be used together under any condition

## Operating Temperature Range

All Temperature in degrees centigrade (°C).

### Black Mild Steel

	Minimum	Maximum
Whit Threads	-50°	+300°
Metric - Grade 4.6	-50°	+300°
Metric - Grade 5.6	-50°	+300°
Metric - Grade 6.8	-50°	+300°

### High Tensile

	Minimum	Maximum
Whit & BSF - Grade R	-50°	+300°
UNC & UNF - Grade S	-50°	+300°
Metric - Grade 8.8	-50°	+300°
Metric - Grade 10.9	-50°	+300°

### Nylon 66

	Minimum	Maximum
Metric	-70°	+255°

### Stainless Steel

	Minimum	Maximum
18/8 - A2 - 302 Quality	-250°	+575°
18/10/3 - A4 - 316 Quality	-250°	-
Stress Relaxation Occurs	-	+600°
Oxidisation Resistance Up To	-	+800°

### Socket Products - Grade 12.9

	Minimum	Maximum
All Standard Products In Self Colour Finish	-50°	+300°
Austenitic Stainless Products	-50°	+430°

# TECHNICAL DATA

## Round Wire Nails *per kilo*

mm	20	25	30	40	45	50	60	65	75	90	100	125	150
1.60	2710	2120	-	-	-	-	-	-	-	-	-	-	-
1.80	-	1720	-	-	-	-	-	-	-	-	-	-	-
2.00	-	1430	1170	970	-	-	-	-	-	-	-	-	-
2.36	-	-	840	750	640	550	-	-	-	-	-	-	-
2.65	-	-	-	-	575	440	385	350	-	-	-	-	-
3.00	-	-	-	-	-	340	310	275	-	-	-	-	-
3.35	-	-	-	-	-	-	255	230	194	-	-	-	-
3.75	-	-	-	-	-	-	-	-	154	-	-	-	-
4.00	-	-	-	-	-	-	-	-	121	106	68	-	-
4.50	-	-	-	-	-	-	-	-	-	-	77	-	-
5.00	-	-	-	-	-	-	-	-	-	-	66	53	-
5.60	-	-	-	-	-	-	-	-	-	-	-	42	-
6.00	-	-	-	-	-	-	-	-	-	-	-	-	29

## Nail Kilo Count



## Lost Head Nails *per kilo*

mm	40	50	60	65	70
2.36	760	-	-	-	-
2.65	-	420	-	-	-
3.00	-	360	330	270	-
3.35	-	-	270	240	-
3.75	-	-	-	-	160

## Annular Ring Nails *per kilo*

mm	20	25	30	40	45	50	65	75	100
2.00	1900	1430	-	-	-	-	-	-	-
2.36	-	-	840	750	-	-	-	-	-
2.65	-	-	-	575	510	440	-	-	-
3.00	-	-	-	-	-	340	-	-	-
3.35	-	-	-	-	-	290	230	-	-
3.75	-	-	-	-	-	-	-	154	110
5.00	-	-	-	-	-	-	-	-	32

## Clout Head Nails *per kilo*

mm	20	25	30	40	50	65	75	100
2.36	-	-	832	698	-	-	-	-
2.65	1035	815	661	570	432	-	-	-
3.00	-	-	540	-	-	-	-	-
3.35	-	-	-	350	290	-	-	-
3.75	-	-	-	-	-	182	150	-
4.50	-	-	-	-	-	-	-	75

## E.L.H. Clout Head Nails *per kilo*

mm	15	20	25	30	40	50
2.36	650	580	485	600	478	334

To view your unique pricing, live stock availability, and to see the full range of sizes and finishes currently available from H&C visit

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