



Wixroyd®
AN ESSENTRA COMPANY



Automotion®
AN ESSENTRA COMPANY

Teknipart®
AN ESSENTRA COMPANY



Innovative Engineering Solutions

from Automotion Components,
Wixroyd & Teknipart





Welcome to the Wixroyd Group. Founded in 1951 as a family-run engineering components business, initially with a single product offering of a square hole drill, our Group has grown through continuous innovation - both in precision engineering and in pioneering digital technologies - as well as through the strategic acquisition of specialist brands.

Today, we proudly unite Wixroyd, Automotion Components, and Teknipart - three brands with distinct areas of expertise, working together to offer

you a broader, more capable, and more reliable source of components. Now part of the Essentra Group, we combine the strength of a global organisation with the agility and specialist knowledge of our individual brands. The result: the simplicity of supplier consolidation - three areas of expertise, one trusted source of possibility.

We're delighted to introduce you to the Wixroyd Group and look forward to supporting your next engineering challenge.

The Wixroyd Group timeline

- ▼ **1951**

 - Wix & Royd limited was incorporated. Single product offering square hole drill.
- ▼ **1972**

 - Mr Anthony G Lafrate takes over the company management.
- ▼ **1978**

 - Wix & Royd limited attends it's first MACH Exhibition in Birmingham.
- ▼ **1990**

 - Mr Anthony G J Lafrate joins the business and adds his wealth of financial and sales experience.
- ▼ **1992**

 - Wix & Royd changes it's name to Wixroyd - the now ubiquitous Wixroyd Ant was used for the first time.
- **1993**

 - Wixroyd launched it's first catalogue of workholding and design elements and quickly became an indispensable companion for production and design engineers.
- **2000**

 - Wixroyd launched it's "3D-CD" CAD companion - a source of all Wixroyd parts in 2D and 3D CAD models. Our CAD support for Design Engineers has become a cornerstone of the business ever since.
- **1997**

 - Mr Marcus B Lafrate joins the business, bringing with him a wide range of marketing skills and process management.
- **2002**

 - Wixroyd Access Components range was labelled - a major addition of parts to the Wixroyd brand, offering designers and industries a source for access hardware. The Wixroyd Group was formed.
- **2004**

 - Automotion Ltd was acquired by Wixroyd. It's acquisition offered an extensive new range of products; linear motion components, rotary motion components. Mechanical Components Ltd became part of the group. Anti-Vibration became part of the group.
- **2006**

 - Automotion Components Ltd published it's first catalogue of parts - over 600 pages of Linear and Rotary essentials.
- **2008**

 - The Springfix Linkages brand acquired by Wixroyd, was well known for linkages, rods ends and universal joints; the Springfix brand greatly enhanced the products offered to designers by Wixroyd.
- **2009**

 - Coburg Components Ltd was acquired, enabling the Wixroyd Group to offer a wide selection of inch/ imperial parts as well as an extensive offering of quick release components.
- **2010**

 - Hillcliff Tools Ltd was acquired by Wixroyd, with an excellent reputation in providing workholding solutions. Hillcliff was a natural fit into the Wixroyd business, allowing it to expand it's range of low profile and powerful clamping solutions.
- **2017**

 - Nylon & Alloys Ltd was acquired by Wixroyd. This also added an extensive range to the already popular selection and includes specialist products in Nylon, Aluminium, Titanium and Brass.
- **2022**

 - Wixroyd Group, now under the ownership of Essentra Components, maintains operation under the names of Wixroyd, Automotion Components & Teknipart.

Why this catalogue?

Range of Solutions



Across the Wixroyd Group, our three specialist brands - **Wixroyd**, **Automotion Components**, and **Teknipart** - offer one of the most comprehensive component ranges in the industry. From access hardware, workholding, and machine accessories to precision mechanical parts, engineering essentials, and sector-specific fasteners, our combined catalogue spans thousands of high-quality products ready to support everything from rapid prototyping to full-scale production.

Whether customers need niche technical components or broad, multi-category supply, our brands ensure that the depth and breadth of solutions are always within reach.

Brand Synergy



Each brand within the Wixroyd Group maintains its own identity, expertise, and specialist focus - yet all three are intentionally aligned to compliment one another. **Wixroyd** is known for its innovative engineering components, **Automotion Components** excels in precision mechanical and linear parts, and **Teknipart** delivers an array of fasteners across a wide range of industrial needs. Individually, they lead in their categories; together, they create a seamless ecosystem of products that support and strengthen one another.

This synergy ensures customers benefit from a cohesive, well-structured offering without sacrificing the unique strengths of each brand.

Supplier Consolidation



By uniting three specialist brands under one group, we make supplier consolidation effortless and impactful. Customers gain access to a broad, compatible, and intelligently curated product range through a single trusted partner - reducing procurement complexity, streamlining supply chains, and improving reliability.

With fewer suppliers to manage and more solutions available from one source, the Wixroyd Group delivers both operational efficiency and engineering possibility, all while maintaining the depth of expertise that only dedicated specialist brands can provide.

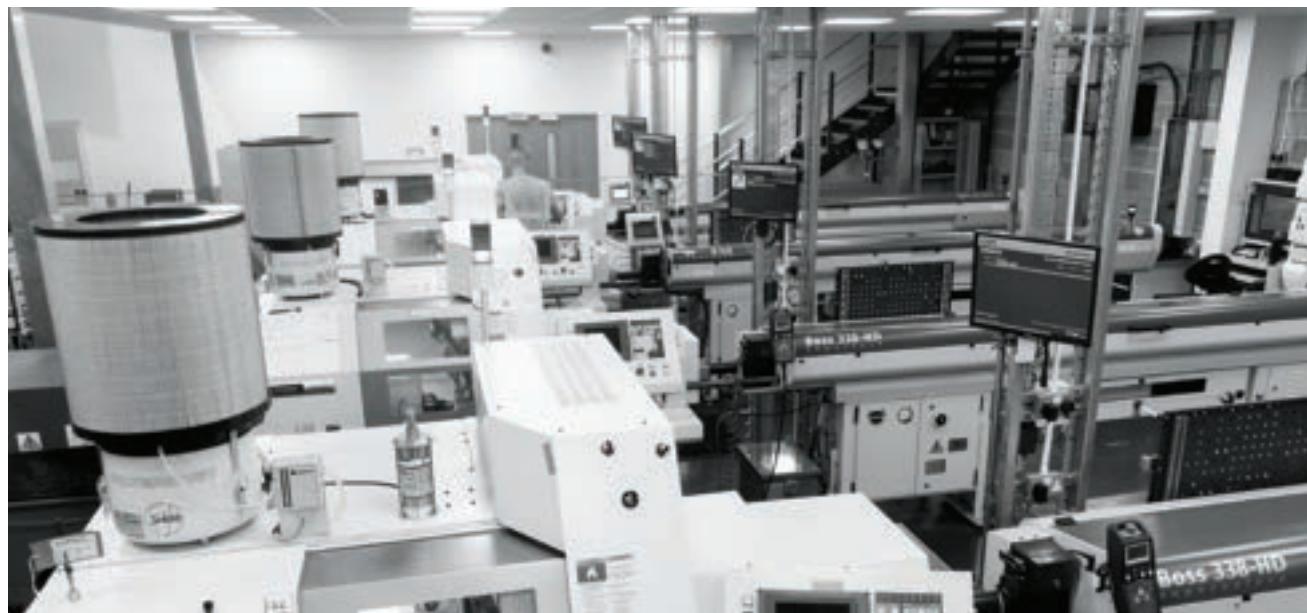


Manufacturing capabilities

In-House

Our range of precision fasteners; sealing, captive, shoulder and vented screws benefit from being manufactured in-house at our Chichester site. Our CNC lathes are working day and night to produce our wide selection of shoulder screws, captive screws, vented screws and more in many different sizes and materials!

To ensure we are running as efficiently as possible, we have written custom software that works with our warehouse and ordering system to reduce the average lead time significantly. Our system means that we can offer bespoke variations on our existing products with no hassle, and at lower minimum quantities.



Sealing Screws

A wide range of head types, drives and o-ring materials.



Captive Screws

Our popular range of captive screws and mounting fittings are ideal for panel applications.



Vented Screws

The highest quality vented fasteners, made in Chichester for your vacuum system.



Shoulder Screws

A massive line-up of shoulder screws in different materials and head styles.



Bespoke parts made in-house to meet customer requirements

We can custom make special executions of our standard fasteners; varying thread length, thread size and material with an extremely efficient production time.

Get in touch with our technical team to discuss your ideas and see how we can help you with your project. ▼

sales@wixroyd.com
0333 207 4497



Why order with us?



HIGH STOCK LEVELS

With a high commitment to stock holding, we can offer next day delivery on most products. We deliver what you need, whenever you need it.



STREAMLINE ORDERING PROCESS

Whether you're an account holder or choose to shop as a guest, our online ordering system is reliable and easy to use.



MADE IN BRITAIN

Established in 1951, the Wixroyd Group supply innovative engineering products with free online CAD models and in-house technical expertise.



HIGH QUALITY PRODUCTION

Trusted by some of the best known design & manufacturing companies, we pride ourselves on producing the highest quality components at the best value.



TECHNICAL SALES SUPPORT

Available via telephone, email or our live web chat service, we work to find a solution for your application.



BESPOKE CAPABILITIES

Our in-house manufacturing can make your idea a reality. Call our technical team on **0333 207 4497** to discuss.

Automotion Components have a wide product range supplying design engineers with linear, rotary, linkages and mechanical components. With **large stock holdings** and **free CAD models** available to download from our website, automotioncomponents.co.uk.

Linear Components

Our linear motion range is extensive and provides a huge variety of linear motion components, including;

- Linear Guideways & Rails
- Linear Bearings & Shafts
- Telescopic Rails
- Lead Screws & Ball Screws
- Linear Tables, Positioning Stages & Crossed Roller Sets



Mechanical Components

Automotion Components are leading UK manufacturers of specialist fasteners. Including a range of mechanical components;

- Shoulder Screws, Captive Screws & Sealing Screws
- Lifting Pins, Lifting Bolts & Swing Bolts
- Blanking Plugs and Spring & Tolerance Rings
- Standard Fasteners
- Pins & Spacers
- Anti-Vibration, Levelling Feet & Materials Handling
- Thread Inserts & Specialist Screws



Linkages & Rotary Components

With over 50 years' experience and large volumes of high quality linkage components in stock, Automotion Components is ready to help you find the perfect linkage for your application today. Our range includes;

- Universal Joints & Rod Ends
- Couplings
- Pivot Bearings, Air Motors & Cylinders
- Clevis Joints, Turnbuckles & Ball & Socket Joints
- Gears, Gear Boxes & Belts



Wixroyd offer an extensive range of design elements, access components and workholding solutions for engineers and designers - with fast delivery, expert technical support, and 3D CAD models available to download at wixroyd.com.

Design Elements

Our range of standard parts including;

- Spring & Index Plungers
- Grips, Handles & Handwheels
- Locating, Positioning & Gripping
- Lifting Pins, Lifting Points & Load Rings
- Anti-Vibration, Shock Absorbers & Rollers



Access Components

A broad range of components enhancing access applications covering;

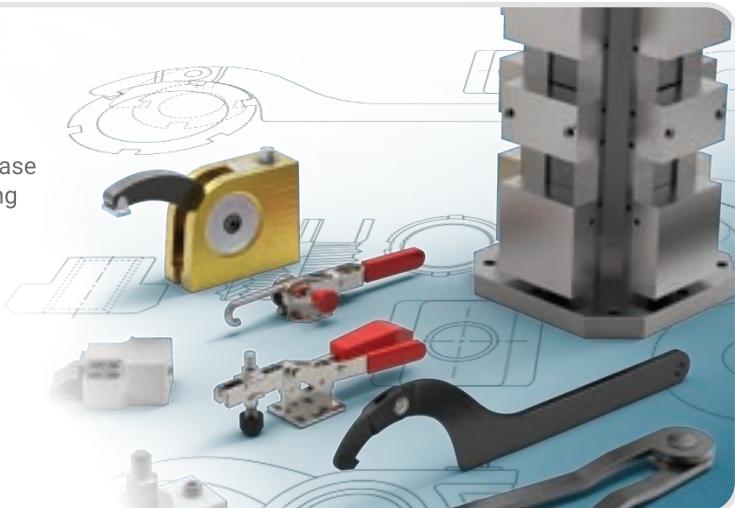
- Cam Latches & Locks
- Swing & Paddle Latches
- Hinges & Dampers
- Stays
- Catches & Draw Latches



Workholding

From fixing elements to clamping systems and base plates, we have an extensive range of Workholding solutions such as;

- Fixing Elements, Inserts & Gauges
- Manual Clamping & Height Setting
- Lifting Eye Bolts & Nuts
- Toggle Clamps
- Self Aligning Pads, Tenons & Bushes

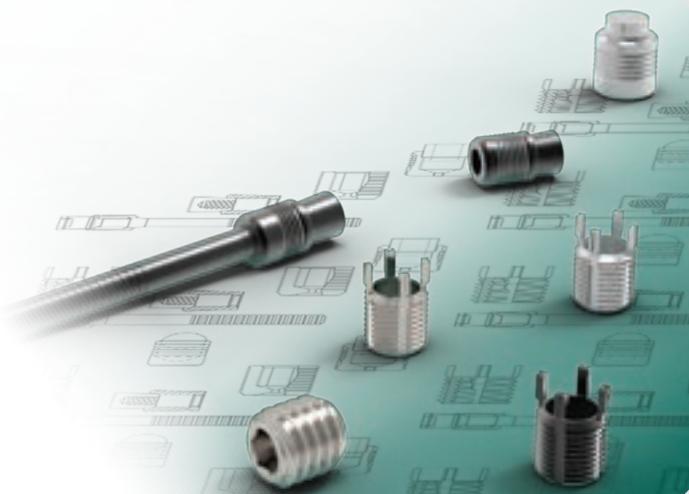


Teknipart supply a comprehensive range of threaded inserts, screws, washers and quick release pins - backed by competitive pricing, rapid delivery, and free downloadable CAD models at teknipart.co.uk.

Threaded Inserts

A broad range of threaded inserts to suit any application including;

- Stainless Steel Inserts
- Steel Inserts
- Installation Tools
- Expansion Sealing Plugs



Screws & Washers

Screws & washers available in a large range of materials including;

• Nylon	• Brass
• PEEK	• Stainless steel
• Aluminium	
• Titanium	



Quick Release Pins

A variety of quick release pins covering;

- Pull Pins
- Lanyards
- Spring Loaded Pins
- Quick Release Pins



Industries we serve

Wixroyd Group provide solutions that serve a wide range of industries. The overview below highlights just some of the sectors we supply, but our reach extends far beyond this. If your industry isn't listed, visit our websites - chances are we have the perfect product to meet your needs.



Special Purpose Machinery

- Food & Beverage Production
- Injection Moulding
- Metrology & Measuring
- Labelling

Medical & Scientific

- MRI Scanner
- Medical Laboratory
- Dental Laboratory Press
- 3D Printer

Transport & Automotion

- Premium Aircraft Seating
- Trains
- EV Cars
- Lorries & Campervans



Construction

- Facades
- Solar Panel Trackers
- Lifting Equipment

Sport & Leisure

- Gym Equipment
- Sound & Light Rigging Equipment
- Motorsports

Marine, Oil & Gas

- Yachts
- Oil & Gas Exploration
- Subsea
- Nuclear

Defence

- Systems & Equipment
- Military Vehicles, Ships & Submarines
- Aircraft & UAVs



Finding what you need

Our catalogue is designed to make finding the right product simple and intuitive. It is structured by brand - Wixroyd, Automotion Components and Teknipay, each clearly identified by its own colour, and further organised by range of products for easy browsing. At a glance, you'll see thumbnails of our most popular and essential products, helping you quickly identify what you need.

For the full product range, including complete technical specifications, please visit our website, where detailed information can be viewed and downloaded to support your design, engineering, or procurement process. This dual approach ensures you have both a practical overview in print and full, up-to-date resources online.



Automotion Components

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Teknipay

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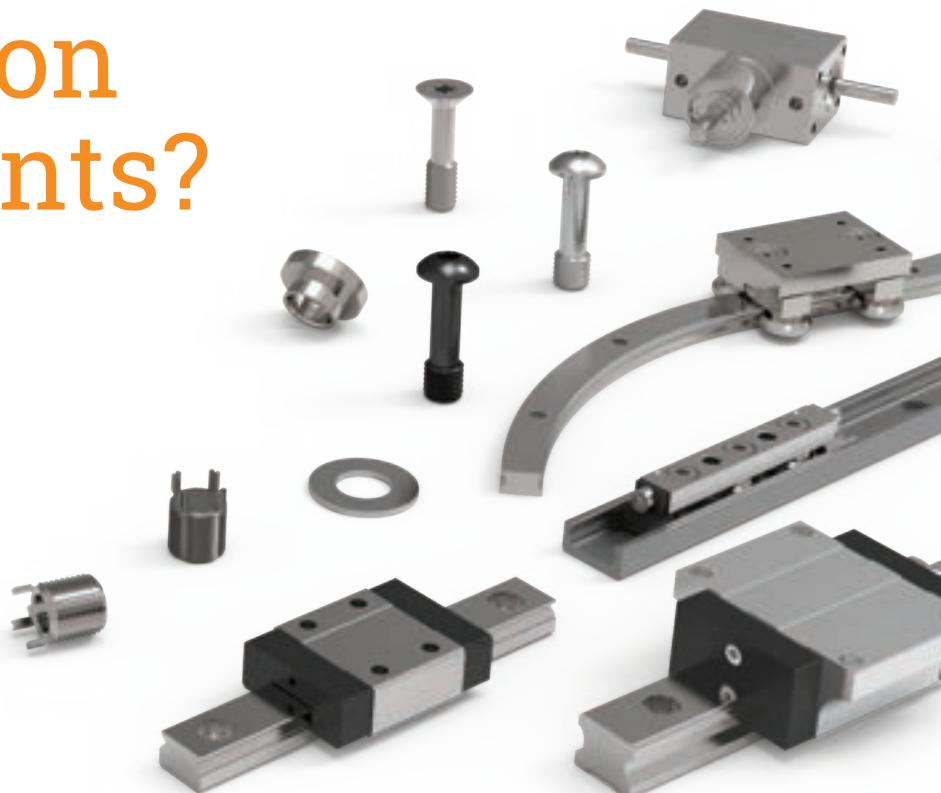
Who are Automotion Components?

Automotion Components, part of the Wixroyd Group, is your trusted partner in supplying precision-engineered solutions to power the world's most demanding industrial applications.

With in-house manufacturing capabilities, deep stock availability, and an expanding CAD library, we simplify sourcing and speed up your design process.

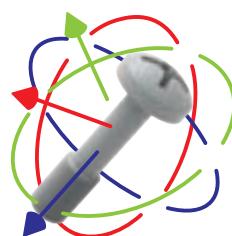
Trusted across many industries including:

- Material handling & conveyor systems
- Packaging & labelling machinery
- Automated assembly machines
- Special purpose machinery
- Premium aircraft seating
- Oil, gas & energy sectors
- Defence & aerospace projects
- Robotics & motion control systems
- Semiconductor & electronic equipment
- Medical



Automotion's website and dedication to the continual expansion of our free 3D CAD library means we are always focusing on delivering the latest information in easy-to-use formats.

Available directly from our website, we offer a wide range of CAD models in popular formats: **SolidWorks, ProE, Sat, Step, Parasolid and Iges.**



Why choose us?



SIMPLIFIED PROCUREMENT PROCESS

Streamline your operations & boost performance by consolidating your purchases to a single trusted supplier (us!).



EXPERT TECHNICAL SUPPORT

Available via telephone, email or our live web chat service, we work to find a solution for your application.



ENVIRONMENTALLY RESPONSIBLE OPERATIONS

We strive for earth-conscious operations and have put numerous greener solutions in place. Find out more ▼



HIGH QUALITY PRODUCTION

Trusted by some of the best known design & manufacturing companies, we pride ourselves on producing the highest quality components at the best value.



BESPOKE CAPABILITIES

Our in-house manufacturing can make your idea a reality. Call our technical team to discuss.

GET IN TOUCH

automotioncomponents.co.uk
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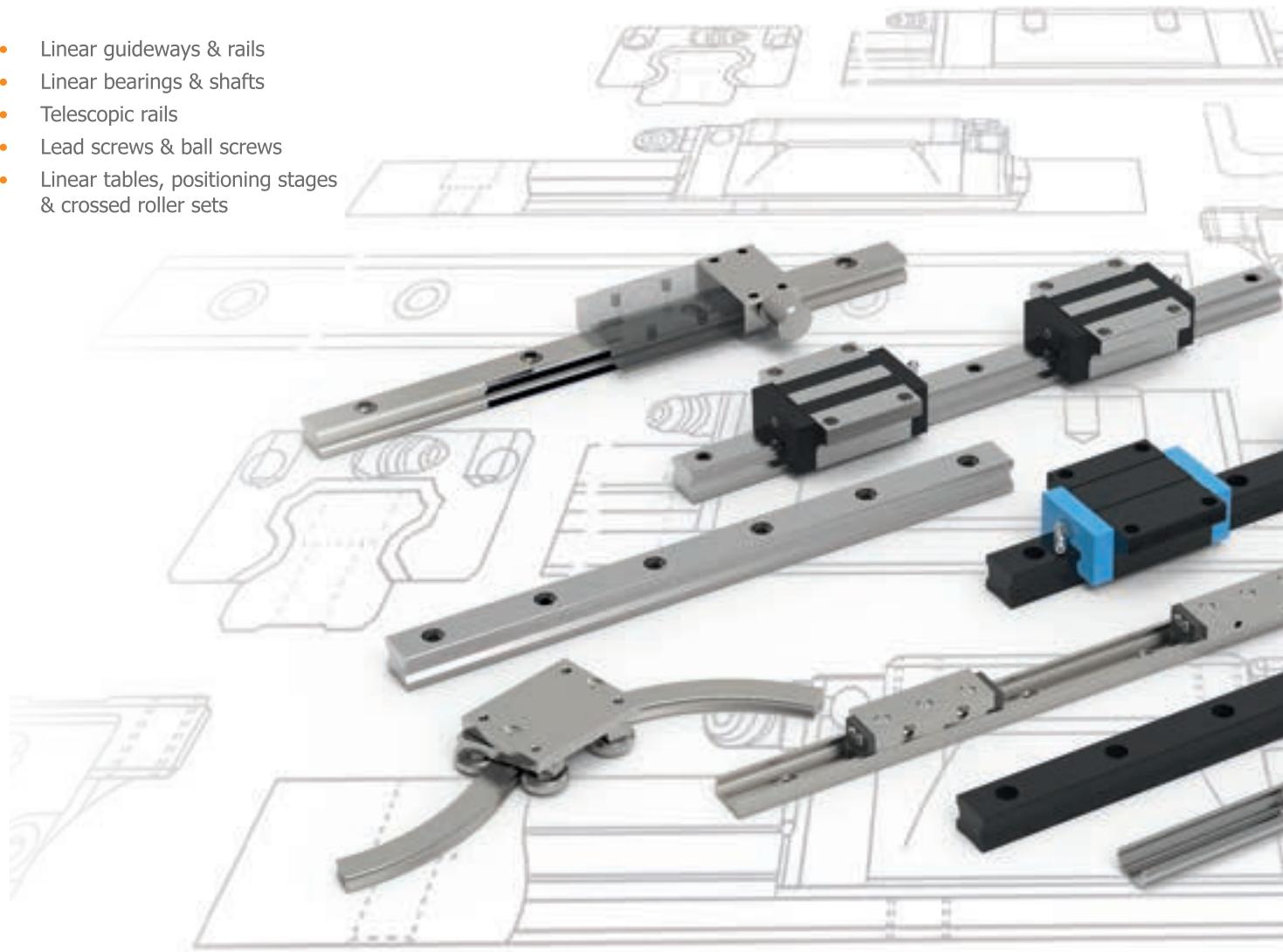
Linear Components

Our **Linear Components** range provides precision motion solutions designed to ensure smooth, accurate and reliable movement in mechanical and automation systems. Whether you need **linear guideways** and **rails** for precise, rigid guidance, **lead screws** and **ball screws** for efficient power transmission, or **linear bearings** and **shafts** for low-friction motion, we have the right components for your application. Our **linear tables**, **positioning stages** and **cross roller sets** offer

fine, repeatable positioning for high-accuracy assemblies, while our **telescopic slides** provide robust, space-saving extension in drawers, equipment housings and industrial enclosures. These products solve common engineering challenges such as misalignment, vibration, friction wear and inconsistent positioning - delivering smoother operation, improved efficiency, and extended service life for your machinery.

Our linear motion range is extensive and provides a huge variety of components, including;

- Linear guideways & rails
- Linear bearings & shafts
- Telescopic rails
- Lead screws & ball screws
- Linear tables, positioning stages & crossed roller sets



[≡ Products](#)

Linear Components >

Linear Guideways & Rails

**L1010 - Miniature Linear Rails**

Standard width. 3mm to 15mm. Hardened, corrosion resistant stainless steel

**L1010.CL - Manual Clamp for Miniature Rails**

Miniature Rail for L1010 & L1012. Stainless steel. Corrosion resistant

**L1010.C - Miniature Rail Carriages**

Standard rail width. Miniature linear guideways are for precise, repeatable linear positioning. Space saving and cost efficient

**L1012 - Miniature Linear Rails**

Wide version. 10mm to 42mm. Hardened, corrosion resistant stainless steel

**L1012.C - Miniature Rail Carriages**

Wide version. Corrosion resistant stainless steel body, with hardened stainless steel ball bearings

**L1013 - Miniature Rail Assembly**

Rail and carriage. Hardened stainless steel. Max temperature +150°c

**L1016 - Linear Guide Rails**

Standard. 15mm to 55mm. Hardened and ground steel

**L1016.F - Flanged Carriages - Standard**

Blackened. Hardened and ground steel. Matt black oxide ceramic layer. Resistant to acids, alkalis and solvents

**L1016.U - Unflanged Carriages**

Standard. With retained ball cage. Steel

**L1016.U-NC - Unflanged Carriages**

Standard. No ball cage. Steel

**L1016.F-NC - Flanged Carriages**

Standard. No ball cage. Steel

**L1016.F-BC - Flanged Carriages**

Standard. Black chrome coating

Products**Linear Components****Linear Guideways & Rails****L1016.U-BC - Unflanged Carriages - Standard**

Blackened. Ball chain linear guideways. Very accurate and can handle high load capacities, providing smooth, consistent linear motion

**L1016.UL - Unflanged Carriages - Low**

With retained ball cage. Ball chain linear guideways. Very accurate and can handle high load capacities, providing smooth, consistent linear motion

**L1016.BL - Linear Guide Rails**

Standard. Blackened. 15mm to 25mm. Hardened and ground steel. Black oxide

**L1016.CL - Rail Clamps**

Manual. Aluminium body, steel contact faces. Used in conjunction with the rail carriages, flanged and unflanged

**L1017 - Needle Roller Linear Rails**

Hardened and ground steel. Heavy duty. Sizes 25-55mm

**L1017.U - Unflanged Carriages**

Hardened and ground steel. Heavy duty needle roller rail carriages

**L1017.F - Needle Roller Flanged Carriages**

Hardened and ground steel. Heavy duty needle roller rail carriages

**L1018 - Aluminium Linear Guide Rails**

With stainless raceways for added durability. Lightweight and compact. Used with aluminium carriages. Also as rear fixing. Sizes 15-25mm

**L1018.CL - Rail Clamps**

For aluminium rail L1018. Aluminium body, plastic contact faces

**L1018.U - Unflanged Carriages**

Aluminium, with retained ball cage

**L1018.F - Flanged Aluminium Carriages**

With retained ball cage. Aluminium block, stainless ball & slider

**L1970.T - Steel X Rails - T Rails (Master)**

Cold rolled steel. Zinc-plated. Low-profile and very effective

[≡ Products](#)

Linear Components >

Linear Guideways & Rails

**L1970.U - Steel X Rail - U Rail (Slave)**

The X rail system is a cold rolled rail system offering an economical solution to simple linear movement applications. Low-profile and very effective

**L1971.LP - Low Profile Stainless Sliders**

For T rail (master). The X rail system is a cold rolled rail system offering an economical solution to simple linear movement applications. Low-profile and very effective

**L1970.CRT - Steel Replacement Rollers**

For T version steel X rails and U version steel X rails. (L1970.CRU)

**L1970.CR2640 - Steel Replacement Rollers**

Steel replacement rollers for T version steel x-rails

**L1970.LP - Low Profile Steel Sliders**

For T rail (master). Rollers with metal seals. The punched dot mark, indicates the orientation for the loading of the fixed rollers

**L1970.S - Fixing Screws**

For steel X rails. Strength class 10.9. Hex. socket oval head and Torx screws

**L1970.SBT - Solid Body Stainless Sliders**

For T rails (master) and U rails (slave) (L1970.SBU). The "V" marks on the slider body indicate the orientation for the loading of the fixed rollers

**L1971.T - Stainless X-Rails**

T rail (master). X rails for light duty loads. Corrosion resistant

**L1971.U - Stainless X Rail - U Rail (Slave)**

U (slave). Stainless steel. X rails for light duty loads. Corrosion resistant

**L1971.S - Fixing Screws**

For stainless steel X rails

**L1971.CR2640 - Stainless Replacement Rollers**

For T version stainless X-rails

**L1971.CRT - Stainless Replacement Rollers**

For T version stainless X rails and U version stainless X rails (L1971.CRU). With water resistant rubber seals

Products

Linear Components >

Linear Guideways & Rails

**L19xx.CSW - Sliders**

Ranging from light duty to very heavy duty. Replace xx with either 18, 28, 35, 43, 63. Front fixing. No side seal

**L1971.SBT - Solid Body Steel Sliders**

For T rails (master) and U rails (slave) (L1971.SBU). The "V" marks on the slider body indicate the orientation for the loading of the fixed rollers

**L1918.18 - Light Duty T Rails**

Light duty, compact rails with counterbored fixing holes. Usually used with a U slave rail to allow for system misalignment

**L1918.CS - Light Duty Sliders - Size 18**

Light duty, compact rail sliders with rubber seals. No side seal. Front fixing. Easy to install. Quiet and fast. The U rail sliders cannot accept axial loads

**L1918.18 - Light Duty U Rails**

Light duty, compact U-rails with counterbored fixing holes. Usually used with a T master rail and a corresponding T-C rail

**L1900.CB - Individual Rollers**

Steel, with 2RS seals (splashproof). Lubricated for life

**L1900.CL - Slider Clamps**

Manual. For use with our compact rail systems. Aluminium clamp body with steel clamping face

**L19xx.CL - Sliders**

L1918.CL - light duty, L1928.CL & L1935. CL - medium duty, L1943.CL - heavy duty. Side seal, front fixing with wiper

**L1900.CPN - Individual Rollers**

Steel, with either 2Z seals (for dust protection) or 2RS (splashproof)

**L1900.CPNX - Individual Rollers**

Stainless steel, with 2RS seals (splashproof)

**L1900.S - Low Profile Screws**

Special low head torx screws for compact rails. Zinc or nickel plated

**L19xx.NSWxx - Sliders**

No side seal, front fixing. Sizes 18-63. Light through to heavy duty. Replace 'xx' with required size

Products**Linear Components****Linear Guideways & Rails****L19xx.TLCxx - T-Rails**

Counterbored holes. Steel. Light duty size 18 through to heavy duty size 63. 28, 43 & 35 also available. Replace 'xx' with required size

**L19xx.TLVxx - T-Rails**

Countersunk holes. Steel. Light duty size 18 through to heavy duty size 63. 28, 43 & 35 also available. Replace 'xx' with required size

**L19xx.ULCxx - U-Rails**

Counterbore holes. Steel. Light duty size 18 through to heavy duty size 63. 28, 43 & 35 also available. Replace 'xx' with required size

**L19xx.ULVxx - V-Rails**

Countersunk holes. Steel. Light duty size 18 through to heavy duty size 63. 28, 43 & 35 also available. Replace 'xx' with required size

**L19xx.CDW - Sliders**

No side seal. Top fixing. Steel. Sizes 28 & 43. Replace 'xx' with required size

**L19xx.KLCxx - Heavy Duty K-Rails**

Counterbored holes. Steel. Sizes 43, heavy duty or 63, very heavy duty. Replace 'xx' with required size

**L19xx.KLVxx - Heavy Duty K-Rails**

Countersunk holes. Steel. Sizes 43, heavy duty or 63, very heavy duty. Replace 'xx' with required size

**L1972.xx - Easy Slide Rails**

Easy slide, high load rail. Sizes 28, 35, 43 & 63. Steel. Replace 'xx' with required size

**L1978.CR - Curviline Sliders**

Where moment loads are present, use two or more sliders. With lubricated for life roller pins. Stainless steel available. Steel, zinc-plated. Sizes 16+23

**L1978.CRX - Constant Radius Rails**

Not to be used in high-cycle applications. Advise angle required and fixing option type. Steel sizes 16+23. Also available in stainless steel

**L1978.VRX - Variable Radius Rails**

Not to be used in high-cycle applications. Advise angle required and fixing option type. All stainless steel on request. Steel sizes 16+23

**L1979.CR - Curviline Sliders**

Where moment loads are present, use two or more sliders. Stainless steel AISI 316L. Sizes 16+23. Also available in steel

Products**Linear Components****Lead Screws & Ball Screws****L1320 - Steel Lead Screws**

Rolled trapezoidal C45, right hand thread. Lengths of up to 6 metres can be provided. Tr 10 to Tr 120

**L1321 - Steel Lead Screws**

Rolled trapezoidal C45, left hand thread. Lengths of up to 6 metres can be provided. Tr10 to Tr 120

**L1322 - Stainless Lead Screws**

Rolled trapezoidal AISI 316 grade (A4), right hand thread. Surface hardness 280HB. Lengths of up to 6 metres. Tr 10 to Tr 120

**L1323 - Stainless Lead Screws**

Rolled trapezoidal AISI 316 grade (A4), left hand thread. Lengths of up to 6 metres can be provided

**L1325 - Stainless 304 Lead Screws**

Right hand thread.
Manufactured to ISO 2901/2093, DIN103

**L1326 - Stainless 304 Lead Screws**

Left hand thread.
Manufactured to ISO 2901/2093, DIN103

**L1330 - Cylindrical Bronze Nuts**

For trapezoidal threads. For manual or powered applications at low and medium rotation and under loads

**L1331 - Flanged Bronze Nuts**

For trapezoidal threads. For manual or powered applications at medium/low rotation speeds under load

**L1332 - Plain Flanged Bronze Nuts**

For lead screws

**L1334 - Square Bronze Nut with Through Holes**

For trapezoidal threads. Suitable for movements with medium duty loads

**L1335 - Square Brass Nuts**

For lead screws

**L1336 - Square Steel Nuts**

For lead screws. Standard nuts are right hand thread, single starts

[≡ Products](#)

Linear Components >

Lead Screws & Ball Screws **L1337 - Square Steel Nut with Holes**

With holes for right handed thread screws. Useful for fixing additional elements onto the lead screw carriage

**L1338 - Hexagon Steel Nuts**

Steel. For trapezoidal threads. For low rotation speeds, manual control, locking functions or receiving dead weights

**L1339 - Cylindrical Steel Nuts**

For trapezoidal threads. For low rotation speeds, manual control, locking functions or receiving dead weights

**L1340 - Long Cylindrical Steel Nuts**

To ISO 2901/2903 (DIN 103). Used for clamping and locking applications, and for slow rotational speeds with manual control

**L1341 - Cylindrical Stainless Steel Nuts**

Stainless steel (AISI 303). Stainless steel offers excellent corrosion resistance

**L1342 - Flanged Self-Lubricating Plastic Nut**

With long thread to reduce wear and enhance service lifetime

**L1343 - Cylindrical Nylon Nuts**

Can be used without lubrication for manual or powered control and medium/high speeds under moderate loads. Low noise

**L1458 - Disk Type Handwheels**

Aluminium, with duoplast handles. Rim turned and polished. Ideal for use with our lead screws

**L1459 - Three Spoked Handwheels**

Duoplast. Standard or reinforced

**L1470 - Position Counters**

Four digit read out, with red indicator for decimals. Clockwise (-C) and anti-clockwise (-A) versions available

**L1472 - Position Counters**

5 digit display. Thermoplastic. Max temperature +70°C

**L1480 - Sliding Clamps - for Solid Round Bar**

Quarter turn lock, I-handle grip. Polyamide

Products

Linear Components >

Lead Screws & Ball Screws **L1349 - High Helix Lead Screws - Stainless**

Stainless SUS 304. High precision. See L1350 for corresponding nut

**L1350 - Flanged High Helix Lead Screw Nuts**

Resin nut (PPS), to suit lead screw L1349. High precision. Tight axial clearance

**L1351 - Anti-Backlash High Helix Lead Screws**

Anodized aluminium or 416 stainless steel screw with round acetal resin nut. High precision. Nut fitted to screw to ensure anti-backlash

**L1353 - Miniature Fixed Support Units**

For miniature lead screws. Steel. End machining of lead screws on request

**L1354 - Mixed Flanged Fixed Support Units**

For miniature lead screws. Steel. End machining of lead screws on request

**L1355 - Miniature Floating Support Units**

For miniature lead screws. Steel. End machining of lead screws on request

**L1356 - Miniature Flanged Floating Support Units**

For miniature lead screws. Steel. End machining of lead screws on request

**L1375 - Ball Screws**

Highly efficient due to the recirculating ball mechanism which helps the ball nuts minimise friction against the ball screw. From 16 to 80mm diameter

**L1370 - Flanged Ball Nuts**

To DIN 69051 form B. To compliment our rolled ball screw range. With lubrication and fixing holes

**L1377 - Flanged Ball Nuts - Anti-Corrosion**

DIN 69051 form B. Anti corrosion finish consists of a thin layer of black chrome and produces good resistance to wear, and a protective effect against corrosion

**L1379 - Miniature Rolled Ball Screws**

Steel (Cf53 or C55R). 6-14 mm diameter sizes and with lengths up to 1 metre

**L1371 - Flanged Double Ball Nuts**

Can be used with ball screw nut brackets to make mounting carriages etc easier. With lubrication and fixing holes

[≡ Products](#)

Linear Components >

Lead Screws & Ball Screws  AN ESSENTRA COMPANY**L1372 - Centre Flanged Ball Nuts**

Produced to DIN 69051 form B. With lubrication and fixing holes. Can be used with ball screw nut brackets to make mounting carriages etc easier

 AN ESSENTRA COMPANY**L1373 - Cylindrical Ball Nuts**

Compatible with our wide range of ball screws with diameters 16-40 mm. With lubrication and fixing holes

 AN ESSENTRA COMPANY**L1374 - Cylindrical Ball Nuts**

With thread. Compatible with our wide range of ball screws with diameters 16-40 mm. With lubrication and fixing holes

 AN ESSENTRA COMPANY**L1377 - Anti-Corrosion Ball Screws**

Rolled. Steel. Sizes 16-40

 AN ESSENTRA COMPANY**L1379.C - Miniature Cylindrical Ball Nuts**

Steel body and ball. Polyurethane seals

 AN ESSENTRA COMPANY**L1379.F - Miniature Flanged Ball Nuts**

For use with miniature ball screws. Fit the ball nut screw with the sleeve provided

 AN ESSENTRA COMPANY**L1388 - Fixed Rectangular Support Units (AK)**

For ball & lead screws. Steel

 AN ESSENTRA COMPANY**L1389 - Floating Rectangular Support Units (AF)**

For ball & lead screws. Steel

 AN ESSENTRA COMPANY**L1390 - Fixed Round Support Units**

For ball & lead screws. Steel

 AN ESSENTRA COMPANY**L1391 - Floating Round Support Units**

For ball & lead screws. Steel

 AN ESSENTRA COMPANY**L1392 - Fixed Rectangular Support Units (BK)**

For ball & lead screws. Steel

 AN ESSENTRA COMPANY**L1393 - Floating Rectangular Support Units (BF)**

For ball & lead screws. Steel

 Products



Linear Components >

Lead Screws & Ball Screws 

 An Essentra Company



L1394 - Fixed Rectangular Support Units (EK)

For ball & lead screws. Steel

 An Essentra Company



L1395 - Floating Rectangular Support Units (EF)

For ball & lead screws. Steel

 An Essentra Company



L1400 - Fixed Round Support Units (FKA)

For ball & lead screws. Steel

 An Essentra Company



L1402 - Fixed Rectangular Support Units (LK)

For ball & lead screws. Steel

 An Essentra Company



L1403 - Floating Low Profile Support Units (LF)

For ball & lead screws. Steel

 An Essentra Company



L1405 - Heavy Load Support Units (WBK)

For ball & lead screws. Steel

 An Essentra Company



L1406 - Heavy Load Support Units (SBK)

For ball & lead screws. Steel

 An Essentra Company



L1408 - Motor Bracket (MBA)

For ball & lead screws. Steel

[≡ Products](#)

Linear Components >

Linear Bearings & Shafts

**L1770 - Hardened Steel Shafts**

Generally for use with linear bearings. The load capacity of each shaft rod depends on length of shaft and how it is supported

**L1771 - Hardened Hollow Shafts**

Where weight reduction is important. Carbon steel (C60). Hollowed for lighter weight. Ø12 to Ø50

**L1773 - Stainless AISI 303 Shafts**

To be used with ceramic or other bearings not containing hardened ball bearings. Soft stainless. High anti-corrosion. Ø6 to Ø60

**L1774 - Stainless AISI 316 Shafts**

Marine grade. Soft stainless, very high anti-corrosion. Not for ball bushing linear bearings, but with sleeve type linear bearings & ceramic bearings. Ø6 to Ø60

**L1778 - Aluminium Shafts**

Coated with hard aluminium oxide, to increase durability. Non-magnetic. Used with self-lubricating ceramic linear bushes. Ø8 to Ø50

**L1779.AL - Shaft End Supports**

Aluminium. For mounting of standard shaft diameters

**L1779 - Shaft End Supports**

316 stainless steel. For mounting of standard shaft diameters. Tolerance h6

**L1780 - Shaft Support Rails**

Hardened and ground stainless steel shaft. Aluminium alloy support rail. Sizes 12-80mm

**L1781 - Shaft Support Rails**

Stainless steel with aluminium support. Sizes 12-80mm

**L1783 - Shaft Support Rail**

Aluminium alloy. For open linear bushings.

**L1752 - Open Linear Ball Bushing Carriages**

Unflanged. Particularly effective for high loads and long stroke applications. Aluminium

**L1753 - Stainless Unflanged Carriages**

Aluminium carriage housing. For use with shaft support rails

≡ Products



Linear Components



Linear Bearings & Shafts

**L1755 - Flanged Linear Carriages**

Open. For use with shaft support rails. Particularly effective for high loads and long stroke applications. Aluminium

**L1756 - Stainless Flanged Carriages**

Open. Aluminium carriage housing with L1710 stainless steel (440C) linear bushing installed

**L1784 - Manual Shaft Clamps**

Aluminium body, with hardened steel contact faces. Use with shaft support rail L1780

**L1860 - Pillow Block Bearing Units**

Cast iron (FG20 or FG25), passivated and painted blue (RAL5010). Steel, self-aligning bearing units with double seats, lubricated for life

**L1862 - Square Flanged Bearing Units**

Cast iron (FG20 or FG25), passivated and painted blue (RAL5010). Steel, self-aligning bearing units with double seats, lubricated for life

**L1864 - Oval Flanged Bearing Units**

Cast iron (FG20 or FG25), passivated and painted blue

**L1865 - Take-Up Units & Frame**

With stretcher frame. Iron

**L1866 - Take-Up Units**

Set screw type. Cast iron (FG20 or FG25), passivated and painted blue

**L1867 - Conveyor Belt Tensioners**

Cast iron. Housings made from cold rolled sheet steel with zinc-plated surfaces

**L1868 - Stretcher Units**

For conveyor belt tensioner. Quality grey cast iron (FG20 or FG25), passivated and painted (RAL5010)

**L1869 - Take-Up Units**

Quality grey cast iron (FG20 or FG25), passivated and painted (RAL5010). Self-aligning bearings, relubricatable

**L1870 - Stainless Pillow Block Bearing Units**

Stainless steel (AISI 304), with smooth surfaces

Products

Linear Components



Linear Bearings & Shafts

**L1871 - Stainless Pillow Block Bearing Units**

Blind holes. Stainless steel (AISI 304), with smooth surfaces

**L1872 - Stainless Square Flanged Bearing Units**

Four point flange. Stainless steel (AISI 304), with smooth surfaces. Bearing stainless steel (440C) with 2RS seats

**L1873 - Stainless Oval Flanged Bearing Units**

Stainless steel (AISI 304), with smooth surfaces. Bearing stainless steel (440C) with 2RS seats

**L1876 - Thermoplastic Pillow Block Unit**

Thermoplastic (PBT) housing, with smooth surfaces. Stainless steel (440C) bearings with 2RS seats and sleeves for fixing bolts

**L1877 - Thermoplastic Square Flanged Units**

Four point flange. Thermoplastic (PBT) housing, with smooth surfaces. Stainless steel (440C) bearings with 2RS seats and sleeves for fixing bolts

**L1878 - Thermoplastic Oval Flanged Unit**

Two point flange. Thermoplastic

**L1879 - Thermoplastic End Caps**

Open & closed. Polypropene

**L1706 - Closed Linear Ball Bushings**

5mm to 60mm. For use with hardened shafts only. Steel

**L1707 - Open Linear Ball Bushings**

Linear ball bushings for use on hardened shafts. Steel

**L1708 - Adjustable Linear Ball Bushings**

Hardened and ground body from bearing steel. Single body resin retainer (POM)

**L1709 - Ball Bushings**

Stainless steel closed ball bushings. For use with corrosion resistant hardened shafts

**L1710 - Stainless Ball Bushings**

Stainless steel body (440C) with either a resin (POM) or stainless steel (316) retainer

[≡ Products](#)

Linear Components >

Linear Bearings & Shafts **L1711 - Stainless Ball Bushings**

Stainless steel body (440C) with either a resin (POM) or stainless steel (316) retainer

**L1712 - Long Linear Ball Bushings**

For use with hardened shafts only, steel ball retainers can be supplied for higher temperature applications up to 120 °C. Steel

**L1713 - Stainless Ball Bushings**

Stainless steel body (440C) with either a resin (POM) or stainless steel (316) retainer

**L1715 - Compact Linear Ball Bushings**

Low cost, compact. Durable plastic body with corrosion resistant hardened steel raceway segments. Iron

**L1718 - Flanged Linear Ball Bushings**

Circular ball bushing for shafts from 6mm to 60mm diameter. Used with hardened shafts only. Steel

**L1719 - Flanged Linear Ball Bushings**

Square. For shafts from 6mm to 60mm diameter. Used with hardened shafts only. Steel

**L1722 - Long Flanged Linear Ball Bushings**

Circular. 6mm to 60mm. Double complement bearings. Steel

**L1723 - Long Flanged Linear Ball Bushings**

Square. 6mm to 60mm. Double complement bearings. Steel

**L1730 - Long Centre Flange Linear Ball Bushing**

Circular flange. For use with hardened shaft only. Steel

**L1731 - Linear Ball Bushings**

Double length. Linear ball bushings for use on hardened shafts. Steel

**L1750 - Linear Carriages**

Aluminium body, with linear bearing. For use with hardened shafts only

**L1751 - Stainless Linear Carriages**

Aluminium carriage housing with L1709, stainless steel (440C) linear bushing installed

[≡ Products](#)

Linear Components



Linear Bearings & Shafts

**L1740 - Superball Closed Linear Ball Bushings**

Superball. 10mm to 50mm. Floating plate feature offers self-alignment and clearance adjustment

**L1741 - Nickel-Plated Superball Closed Bushings**

Hardened and ground body from bearing steel - nickel plated

**L1742 - Superball Open Linear Ball Bushings**

Superball. Hardened and ground steel ball plate from bearing steel

**L1743 - Nickel-Plated Superball Open Bushings**

Hardened and ground body from bearing steel - nickel plated

**L1720 - Stainless Ball Bushings**

Circular. For use with corrosion resistant hardened shafts

**L1721 - Stainless Ball Bushings**

Square flange. Stainless steel body (440C) with either a resin (POM) or stainless steel (316) retainer

**L1724 - Stainless Ball Bushings**

Long version, circular flange. Stainless steel body (440C) with either a resin (POM) or stainless steel (316) retainer

**L1725 - Stainless Ball Bushings**

Double complement. For use with corrosion resistant hardened shafts

**L1732 - Stainless Ball Bushings**

Long version. Circular centre flange. For use with hardened shaft only

**L1733 - Stainless Ball Bushings**

Long version. Square centre flange. For use with corrosion resistant hardened shafts

**L1764 - Ceramic Closed Linear Bearings**

Aluminium with aluminium-oxide ceramic coating (4-7 μ)

**L1765 - Ceramic Closed Linear Bearings**

Self-lubricating. Ceramic bearings are ideal for use on all shaft bar materials. Aluminium

 **Products**



Linear Components >

Linear Bearings & Shafts







L1766 - Ceramic Open Linear Bearings

Open. Ceramic bearings are ideal for use on all shaft bar materials, hardened or soft. Aluminium





L1767 - Ceramic Open Linear Bearings

Self-lubricating, open. Ceramic bearings are ideal for use on all shaft bar materials, hardened or soft. Aluminium





L1768 - Thin Wall Ceramic Linear Bearings

Aluminium with aluminium-oxide ceramic coating (4-7 μ). Hardness >80 HRC





L1769 - Thin Wall Ceramic Linear Bearings

Self-lubricating. Aluminium with aluminium-oxide ceramic coating (4-7 μ). Hardness >80 HRC





L1758 - Quadro Carriages

Steel bearings with plastic ball retainer and end seals. Aluminium alloy body





L1759 - Quadro Carriages

Steel bearings with plastic ball retainer and end seals. Aluminium alloy body





L1760 - End Blocks for Twin Shafts

Clearance and tapped hole fixing. Aluminium

[Products](#)

Linear Components



Linear Tables, Positioning Stages & Crossed Roller Sets

**L1000 - Crossed Roller Rail Sets**

Supplied in sets of 4 rails - with 2 roller cages and 8 end screws as standard. Can be cut to length, but this affects load rating. Steel

**L1001 - Stainless Crossed Roller Rail Sets**

Supplied in sets of 4 rails - with 2 roller cages and 8 end screws as standard

**L1002 - Crossed Roller Rail Sets**

Deep groove version. Supplied in sets of 4 rails. Steel

**L1004.HW - Needle Roller Linear Cages**

Steel. Sizes range from 10-30 and from 100-1000mm in length

**L1004.M - Needle Roller Rail Sets - M Rail**

High load capacity. Usually supplied in a set of 4, with needle rollers in aluminium cage, GM end stops. Steel

**L1004.V - Needle Roller Rail Sets - V Rail**

High load capacity. Usually supplied in a set of 4, with needle rollers in aluminium cage, GM end stops. Steel

**L1005.M - Anti-Friction Coated M Rail**

M rail. Medium load capacity. Steel. Hardened steel alloy (DIN 1,2842), coated with anti-friction material (Zedex 100)

**L1005.V - Anti-Friction Coated Rail Set**

V rail, uncoated. Steel. Alloy steel rail and roller (DIN 1.2842), through hardened to 60±2 HRC

**L1006.V - Anti-Friction Coated V Rail**

High load capacity. Primarily used as dirt-proof units, to reduce system vibration and improve rigidity. Steel

**L1007 - Linear Cage - Ball**

Sizes 20-160. Ball steel (100Cr6 to DIN 5401, class 3), ball cage plastic (PA 12)

**L1008 - Linear Cage - Crossed Roller**

Plastic or stainless steel. Size 20-90

**L1009 - Linear Cage - Needle Roller**

Sizes 25-60. Needle roller, steel (100Cr6 to DIN 5401, grade 28, class 3), retaining cage plastic (PA 12)

Products

Linear Components >

Linear Tables, Positioning Stages & Crossed Roller Sets

**L1020 - Crossed Roller Tables**

Base and carriage with standard hole pattern. Top can be machined as required. Steel

**L1021 - Crossed Roller Tables**

Base and carriage with standard hole pattern. Body aluminium alloy, black anodised

**L1022 - Stainless Crossed Roller Slides**

Body stainless steel (440C), nickel plated apart from rail V groove

**L1023 - Stainless Crossed Roller Slides**

Flanged. Body stainless steel (440C), nickel plated apart from rail V groove

**L1024 - Ball Slide Assemblies**

Standard precision. Stroke is centred on the mid-point of the slides. Aluminium

**L1026 - Crossed Roller Slides**

Standard precision. Stroke is centred on the mid-point of the slides. Aluminium

**L1027 - Low Profile Crossed Roller Table**

Aluminium body, black anodised carriage. Hardened chrome steel crossed roller rail set

**L1028 - Ball Slide Assemblies**

Precision. Stroke is centered on the mid-point of the slides. Aluminium

**L1029 - Crossed Roller Slides**

Precision. Stroke is centred on the mid-point of the slides. Aluminium

**L1030 - Low Profile Ball Slide Assemblies**

High precision. Stroke is centred on the mid-point of the slides. Aluminium

**L1032 - Low Profile Crossed Roller Table**

Low profile crossed roller table. High precision. Aluminium

**L1034 - Flanged Ball Slide Assemblies**

Flanged ball slide assemblies. High precision. Aluminium

[≡ Products](#)

Linear Components >

Linear Tables, Positioning Stages & Crossed Roller Sets

**L1036 - Flanged Crossed Roller Slides**

Wide base, high precision. Aluminium carriage and base

**L1038 - Anti-Creep Ball Slide Assemblies**

Use of anti-creep retainer prevent ball retainer misalignment. Aluminium carriage (clear anodized) and base (black anodized)

**L1039 - Non Magnetic Ball Slide Assemblies**

No lubrication required due to self-cleaning ball bearing design. Base and carriage aluminium

**L3100 - Front Micrometer Stages**

X stage, main dimensions. Further fixing holes detail. Aluminium carriage and base, black anodised steel fixing

**L3100.FH - Front Micrometer Stages**

X stage, main dimensions. Further fixing holes detail. Aluminium carriage and base, black anodised steel fixing

**L3102 - Positioning Stages - Side Micrometer**

X stage, main dimensions. Further fixing holes detail. Aluminium carriage and base, black anodised steel fixing

**L3102.FH - Side Micrometer Stages**

Further fixing holes detail. Aluminium carriage and base, black anodised steel fixing

**L3103 - Positioning Stages - Plain**

X stage, main dimensions. Aluminium carriage and base, black anodised steel fixing

**L3104 - Plain Positioning XY Stages**

XY Stage, main dimensions. Aluminium carriage and base, black anodised steel fixing

**L3105 - Micrometer Positioning XY, XYZ Stages**

Front drive, small sizes. Aluminium carriage and base, black anodised steel fixing

**L3106 - Micrometer Positioning XY, XYZ Stages**

Front drive, medium sizes. Aluminium carriage and base, black anodised steel fixing

**L3107 - Micrometer Positioning XY, XYZ Stages**

Front drive, medium sizes. Aluminium carriage and base, black anodised steel fixing

Products

Linear Components



Linear Tables, Positioning Stages & Crossed Roller Sets

**L3108 - Micrometer Positioning XY, XYZ Stages**

Front drive, large sizes. Aluminium carriage and base, black anodised steel fixing

**L3110 - Micrometer Positioning XY, XYZ Stages**

Side drive, small sizes. Aluminium carriage and base, black anodised steel fixing

**L3111 - Micrometer Positioning XY, XYZ Stages**

Side drive, medium sizes. Aluminium carriage and base, black anodised steel fixing

**L3112 - Micrometer Positioning XY, XYZ Stages**

Side drive, medium sizes. Aluminium carriage and base, black anodised steel fixing

**L3113 - Micrometer Positioning XY, XYZ Stages**

Side drive, large sizes. Aluminium carriage and base, black anodised steel fixing

**L3120 - Stainless Micrometer X Stages**

Front drive. Stainless steel (440C) with electroless nickel plating

**L3121 - Stainless Micrometer XY Stages**

Front drive. Stainless steel (440C) with electroless nickel plating

**L3122 - Stainless Micrometer X Stages**

Side drive. Stainless steel (440C) with electroless nickel plating

**L3123 - Stainless Micrometer XY Stages**

Side drive. Stainless steel (440C) with electroless nickel plating

**L3141 - Lead Screw Driven Stages**

Size 1 light duty, prepared for motor. Aluminium

**L3141.XY - Lead Screw Driven XY & XYZ Stages**

Size 1 light duty, prepared for motor. Black anodised aluminium

**L3142 - Lead Screw Driven Stages**

Size 2 medium duty, prepared for motor. Black anodised aluminium

 Products



Linear Components >

Linear Tables, Positioning Stages & Crossed Roller Sets



 AN ESSENTRA COMPANY



L3142.XY - Lead Screw Driven XY & XYZ Stages

Size 2 medium duty, prepared for motor.
Black anodised aluminium

 AN ESSENTRA COMPANY



L3143 - Lead Screw Driven Stages

Size 3 medium duty, prepared for motor.
Black anodised aluminium

 AN ESSENTRA COMPANY



L3143.XY - Lead Screw Driven XY & XYZ Stages

Size 3 medium duty, prepared for motor.
Black anodised aluminium

 AN ESSENTRA COMPANY



L3147.S - Lead Screw Linear Stages

Single carriage. Aluminium body
(anodised), with die cast zinc end plates

 AN ESSENTRA COMPANY



L3147.D - Linear Screw Linear Stages

Double carriage. Aluminium body
(anodised), with die cast zinc end plates

 AN ESSENTRA COMPANY



L3149 - Ball Screw Linear Tables

Hardened steel shafts. Aluminium alloy bearing block and end supports. Shafts sizes 12, 20 & 30

 AN ESSENTRA COMPANY



L3170 - Plain Positioning Stages

Cross roller. Cast iron body (ENGJL-250),
with hardened cross roller linear rail set

 AN ESSENTRA COMPANY



L3171 - Plain Compact Positioning Stages

Cross roller. Cast iron body (ENGJL-250),
with hardened cross roller linear rail set

 AN ESSENTRA COMPANY



L3172 - Manual Lead Screw Stages

Cross roller. Cast iron body (ENGJL-250),
with hardened cross roller linear rail set

 AN ESSENTRA COMPANY



L3173 - Manual Lead Screw Stages

Cross roller. Cast iron body (ENGJL-250),
with hardened cross roller linear rail set

 AN ESSENTRA COMPANY



L3174 - Motor Lead Screw X Stages

Cross roller. Cast iron body (ENGJL-250),
with hardened cross roller linear rail set

 AN ESSENTRA COMPANY



L3175 - Motor Lead Screw XY Stages

Cross roller. Cast iron body (ENGJL-250),
with hardened cross roller linear rail set

[Products](#)

Linear Components >

Linear Tables, Positioning Stages & Crossed Roller Sets

**L3177 - Miniature XY Stages**

Cross roller. Cast iron body (ENGJL-250), with hardened cross roller linear rail set

**L3179 - XY Stages with Through Hole**

Cross roller. Cast iron body (ENGJL-250), with hardened cross roller linear rail set

**L3180 - Plain Positioning Stages**

Dovetail. Cast iron body (ENGJL-250), with dovetail slide system

**L3181 - Plain Compact Stages**

Dovetail. Cast iron body (ENGJL-250), with dovetail slide system

**L3182 - Manual Lead Screw Stages**

Dovetail. Cast iron body (ENGJL-250), with dovetail slide system

**L3184 - Motor Lead Screw X Stages**

Dovetail. Cast iron body (ENGJL-250), with dovetail slide system

**L3185 - Motor Lead Screw XY Stages**

Dovetail. Cast iron body (ENGJL-250), with dovetail slide system

**L3188 - Miniature XY Stages**

Dovetail. Cast iron body (ENGJL-250), with dovetail slide system

**L3190 - Plain Positioning Stages**

Needle roller. Cast iron body (ENG-JL-250), with hardened needle roller linear rail set

**L3191 - Plain Compact Positioning Stages**

Needle roller. Cast iron body (ENG-JL-250), with hardened needle roller linear rail set

**L3192 - Manual Lead Screw Positioning Stages**

Needle roller. Cast iron body (ENG-JL-250), with hardened needle roller linear rail set

**L3194 - Motor Lead Screw X Stages**

Needle roller. Cast iron body (ENG-JL-250), with hardened needle roller linear rail set

 Products



Linear Components >

Linear Tables, Positioning Stages & Crossed Roller Sets



 AN ESSENTRA COMPANY



L3195 - Motor Lead Screw XY Stages

Needle roller. Cast iron body (ENGJL-250), with hardened needle roller linear rail set

 AN ESSENTRA COMPANY



L3199 - Angle Brackets

For linear stages. Cast iron, ground. Aluminium alternative on request

 AN ESSENTRA COMPANY



L3300.X - Miniature Dovetail Stages

X axis. Brass, blackened body, aluminium knob

 AN ESSENTRA COMPANY



L3300.XY - Miniature Dovetail Stages

XY axis. Brass, blackened body, aluminium knob

 AN ESSENTRA COMPANY



L3303.X - Dovetail Stages - Rack & Pinion

X axis. Aluminium body blackened, steel knob

 AN ESSENTRA COMPANY



L3303.XY - Dovetail Stages - Rack & Pinion

XY axis. Aluminium body blackened, steel knob

 AN ESSENTRA COMPANY



L3305 - Dovetail Stages - Rack & Pinion

Long stroke. X axis. Aluminium body blackened, steel knob

 AN ESSENTRA COMPANY



L3320 - Manual Laboratory Jacks

Z axis. Aluminium body blackened, steel knob

 AN ESSENTRA COMPANY



L3500 - Medium-Duty Motorised Stages

High precision. Black anodised aluminium body (6061)

 AN ESSENTRA COMPANY



L3502 - Vacuum Compatible Motorised Stages

High precision. Aluminium body (6061)

 AN ESSENTRA COMPANY



L3504 - Heavy Duty Motorised Stages

High precision. Black anodised aluminium body (6061)

 AN ESSENTRA COMPANY



L3505 - Motorised Linear Stages

High precision. Black anodised aluminium body (6061)

Products

Linear Components



Linear Tables, Positioning Stages & Crossed Roller Sets

**L3506 - Miniature Motorised Stages**

High precision. Black anodised aluminium body (6061)

**L3508 - Motorised Linear Stages**

High precision. Black anodised aluminium body (6061)

**L3510 - Motorised Linear Stages**

Economy. Black anodised aluminium body (6061)

**L3521 - Single Axis Stepper Controllers**

Includes universal AC power adapter, user interface software and USB cable

**L3522 - Two Axis Stepper Controllers**

Includes universal AC power adapter, user interface software and USB cable

**L3524 - Multi-Axis Stepper Controllers**

Incorporates a Motorola 32 bit microcomputer. Power input 100-240V AC, 47-63 Hz

**L3525 - Single Axis Servo Controllers**

Single-axis motion controller with on-board PWM drive for brush or brushless servo motor and integrated power supply

**L3550 - Motorised Rotary Stages Ø50**

High precision, medium duty. Aluminium alloy body (light, stiff and stable), black anodised

**L3558 - Motorised Rotary Stages Ø125**

High precision, heavy duty. Aluminium alloy body (light, stiff and stable), black anodised

**L3560 - Motorised Rotary Stages Ø125**

High precision, submersible. Aluminium alloy body (light, stiff and stable), black anodised

**L3552 - Motorised Rotary Stages Ø75**

High precision, medium duty. Aluminium alloy body (light, stiff and stable), black anodised

**L3554 - Motorised Rotary Stages Ø75**

High precision, heavy duty. Aluminium alloy body (light, stiff and stable), black anodised

≡ Products



Linear Components >

Linear Tables, Positioning Stages & Crossed Roller Sets



 AN ESSENTIA COMPANY



L3556 - Motorised Rotary Stages Ø125

High precision, medium duty. Aluminium alloy body (light, stiff and stable), black anodised

 AN ESSENTIA COMPANY



L3559 - Manual Rotary Stages Ø125

With digital read out. Aluminium alloy body (light, stiff and stable), black anodised

 AN ESSENTIA COMPANY



L3562 - Motorised Rotary Stages Ø200

High precision, heavy duty. Aluminium alloy body (light, stiff and stable), black anodised

 AN ESSENTIA COMPANY



L3569 - High Speed Rotary Tables

Aluminium alloy body (light, stiff and stable). Suitable for fast rotation of light payloads

Products**Linear Components****Telescopic Slides****L1984 - Fully Telescopic Slides**

Extremely strong and rigid slides with high load capacities. Single or double direction stroke. Sizes 28-63. Steel

**L1986 - Fully Telescopic Slides**

Strong and rigid with high load capacities. Only to be used for horizontal movements. Sizes 22-63. Steel

**L1988 - Fully Telescopic Slides**

Fully telescopic. This slide is compact, low profile and square shaped. Cold drawn bearing steel raceways hardened to 60 HRC. Sizes 22-43

**L1992 - Fully Telescopic Slides LTF**

Lightest duty. Still from cold-drawn steel, both with unhardened raceways. Size 22

**L1994 - Partially Telescopic Slides**

Semi-telescopic with high load capacities. Size 22-63. Steel

**L2041 - Aluminium Telescopic Slides**

Fully telescopic, size 40. High quality grade aluminium with steel ball bearings and cage. Full Extension

**L2042 - Aluminium Telescopic Slides**

Fully telescopic, size 50. High quality grade aluminium (EN-AW-6082 T6, anodised)

**L2044 - Aluminium Telescopic Slides**

Fully telescopic, size 70. High quality grade aluminium (EN-AW-6082 T6, anodised)

**L2051 - Stainless AISI 316 Slides**

Fully telescopic, size 40. Ideal for applications requiring a high degree of corrosion resistance

**L2052 - Stainless AISI 316 Slides**

Fully telescopic, size 50. Stainless steel (A4, AISI 316) - rail, balls and ball cage

**L2054 - Stainless AISI 316 Slides**

Fully telescopic, size 70. Stainless steel (A4, AISI 316) - rail, balls and ball cage

**L2000 - Semi-Telescopic Drawer Slides**

Galvanized steel. Hardened steel balls with plastic ball cage

[≡ Products](#)

Linear Components



Telescopic Slides

**L2010 - Fully Telescopic Drawer Slides**

Steel, zinc-plated. Hardened steel balls with steel and plastic ball cage

**L2011 - Soft Close Drawer Slides**

Galvanized steel. Hardened steel balls with zinc-plated cage

**L2012 - Fully Telescopic Drawer Slides**

Galvanized steel. Hardened steel balls with zinc-plated ball cage

**L2013 - Fully Telescopic Drawer Slides**

Galvanized steel. Hardened steel balls with zinc-plated ball cage

**L2060 - Drawer Slides - Full Extension**

200 Kg load per pair. Cold rolled steel, zinc plated

**L2062 - Drawer Slides - Full Extension**

80 Kg load per pair. Cold rolled steel, zinc plated

**L2064 - Drawer Slides - Full Extension**

60 Kg load per pair. Cold rolled steel, zinc plated

**L2066 - Drawer Slides - Full Extension**

45 Kg load per pair. Cold rolled steel, zinc plated

**L2068 - Drawer Slides - Full Extension**

30 Kg load per pair. Cold rolled steel, zinc plated

**L2070 - Drawer Slides - Full Extension**

60 Kg load per pair. Cold rolled steel, zinc plated

**L2072 - Drawer Slides - Full Extension**

Lever disconnect - 20 Kg load per pair. Cold rolled steel. Finishing: black

**L2080 - Drawer Slides - Full Extension**

30 Kg load per pair. Stainless steel AISI 304. Bright finish

[≡ Products](#)[Linear Components](#)[Telescopic Slides](#)**L2082 - Drawer Slides - Full Extension**

Lever disconnect - 45 Kg load per pair.
Stainless steel AISI 304. Bright finish

**L1995 - Fully Telescopic Slides**

Ultra heavy-duty. Cold drawn bearing steel, raceways hardened to 60 HRC

**L1996 - Fully Telescopic Slides**

Ultra heavy-duty. Able to support heavy loads up to nearly 2000kg. Cold drawn bearing steel, raceways hardened to 60 HRC

**L1997 - Extended Stroke Telescopic Slides**

Heavy-duty. Extended stroke (150%).
Cold drawn bearing steel raceways hardened to 60 HRC

**L1998 - Extended Stroke Telescopic Slides**

Ultra heavy-duty. Extended stroke (150%). Cold drawn bearing steel raceways hardened to 60 HRC

Mechanical Components

Our **Mechanical Components** range offers a comprehensive selection of precision-engineered parts designed to enhance assembly reliability, performance and functionality. As manufacturers of **specialist fasteners** and **shoulder screws**, we deliver bespoke solutions for demanding applications, while our **captive screws** ensure secure, loss-prevention fastening in panels and equipment. **Sealing screws** provide environmental protection against dust, moisture and contaminants,

and our robust **lifting pins** enable safe, efficient handling of heavy components. Complementing this are our **standard fasteners** for everyday assembly needs and **levelling feet** for stable machine and equipment positioning. Together, these products solve common engineering challenges such as component loosening, vibration, misalignment and sealing integrity - ensuring durable, dependable performance across a wide range of industries.

As a UK leading manufacturer of specialist fasteners, our range also includes:

- Shoulder screws, captive screws & sealing screws
- Lifting pins, lifting bolts & swing bolts
- Blanking plugs and spring & tolerance rings
- Pins & spacers
- Standard fasteners
- Anti-vibration, levelling feet & materials handling
- Thread inserts, specialist screws



Products

Mechanical Components >

Shoulder Screws, Captive Screws & Sealing Screws

**P0128 - Countersunk Shoulder Screws**

Available in 303 stainless steel, 316 stainless steel, blackened 303 & 316 stainless steel

**P0130 - Cap Head Shoulder Screws**

Available in 303 & 316 stainless steel, blackened 303 & 316 stainless steel, grade 2 titanium or grade 5 titanium

**P0130.P2 - Cap Head Shoulder Screws**

With locking patch, Hex. drive. Stainless steel AISI 303

**P0131 - Cap Head Shoulder Screws**

Hex. drive. Stainless steel AISI 416

**P0132 - Cap Head Shoulder Screws**

Slot drive. Available in stainless steel AISI 303, AISI 316 and imperial

**P0134 - Ultra Low Head Shoulder Screws**

Hex. drive. Available in stainless steel AISI 303/316 and blackened AISI 303/316

**P0135 - Stainless Shoulder Bolts**

Hex. head, stainless steel AISI 303. Small sizes

**P0136 - Hex. Socket Head Shoulder Screws**

Blackened alloy steel. High grade strength 12.9

**P0137 - Hex. Socket Head Shoulder Screws**

Stainless steel AISI 303. Large sizes

**P0138.SC - Steel Shoulder Bolts - Hex. Head**

Blackened alloy steel, strength 8.8. Standard thread

**P0139 - Steel Shoulder Bolts**

Blackened alloy steel - strength 10.9. Std. thread

**P0140.SC - Steel Shoulder Bolts - Hex. Head**

Blackened alloy steel - strength 8.8. Short thread

[Products](#)

Mechanical Components >

Shoulder Screws, Captive Screws & Sealing Screws

**P0144 - Pan Head Shoulder Screws**

Slot drive. Available in zinc-plated steel and stainless steel AISI 303

**P0145 - Cap Head Shoulder Screws**

TX drive. Available in stainless steel AISI 303/316 and blackened AISI 303/316

**P0149 - Button Head Captive Screws**

TX drive. Available in titanium grade 2/5, stainless steel AISI 303/316 and blackened AISI 303/316

**P0150 - Pan Head Captive Screws**

TX drive. Available in titanium grade 2/5, stainless steel AISI 303/316 and blackened AISI 303/316

**P0151 - Button Head Captive Screws**

Hex. drive. Available in titanium grade 2/5, stainless steel AISI 303/316 and blackened AISI 303/316

**P0152 - Cheese Head Captive Screws**

Hex. drive. Available in stainless steel AISI 303/316 and blackened AISI 303/316

**P0153 - Countersunk Captive Screws**

Available in 303 & 316 stainless steel, blackened 303 & 316 stainless steel and titanium

**P0154 - Cap Head Captive Screws**

Available in 303 & 316 stainless steel, blackened 303 & 316 stainless steel, titanium, zinc-plated and blackened

**P0154.P2 - Cap Head Captive Screws**

With locking patch. Slot drive. Available in titanium grade 2/5, stainless steel AISI 303/316 and blackened AISI 303/316

**P0155 - Cheese Head Captive Screws**

Slot drive. Available in titanium grade 2/5, stainless steel AISI 303/316 and blackened AISI 303/316

**P0156 - Cap Head Captive Screws**

TX drive. Available in titanium grade 2/5, stainless steel AISI 303/316 and blackened AISI 303/316

**P0157 - Pan Head Captive Screws**

Phillips drive. Stainless steel AISI 303

[Products](#)

Mechanical Components >

Shoulder Screws, Captive Screws & Sealing Screws

**P0158 - Captive Hex Bolts**

Available in 303 & 316 stainless steel, blackened 303 & 316 stainless steel and titanium

**P0159 - Captive Panel Thumb Screws**

Slot drive. Available in titanium grade 2/5, stainless steel AISI 303/316 and blackened AISI 303/316

**P0160 - Captive Thumb Screws**

Available in titanium grade 2/5, stainless steel AISI 303/316 and blackened AISI 303/316

**P0161 - Captive Thumb Screws**

Available in titanium grade 2/5, stainless steel AISI 303/316 and blackened AISI 303/316

**P0162 - Captive Thumb Screws**

Available in titanium grade 2/5, stainless steel AISI 303/316 and blackened AISI 303/316

**P0168 - Threaded Captive Washers**

For captive screws. Stainless steel AISI 303 or 316. Also available in steel (zinc-plated or black-oxide) and titanium (grade 2 and 5)

**P0169 - Captive Screws Retainer Flange**

Aluminium or 303 stainless steel. On request also available in steel (anodised, block oxide or zinc-plated)

**P0170 - Pan Head Seal Screws**

Phillips drive. 303 stainless steel. 316 available on request

**P0171 - Pan Head Seal Screws**

Slotted. 303 stainless steel. 316 available on request

**P0172 - Pan Head Seal Screws**

Torx drive. 303 stainless steel. 316 available on request

**P0173 - Seal Screws - Cap Head**

Hex drive. 303 stainless steel. 316 available on request

**P0173.P2 - Seal Screws - Cap Head**

With locking patch. Hex drive. 303 stainless steel. 316 available on request

[Products](#)[Mechanical Components](#)[Shoulder Screws, Captive Screws & Sealing Screws](#)**P0173.TX - Seal Screws - Cap Head**

Torx drive. 303 stainless steel. 316 available on request

**P0174 - Button Head Seal Screws**

Hex drive. Available in 303 and 316 stainless steel

**P0175 - Countersunk Seal Screws**

Hex socket. 303 stainless steel. 316 available on request

**P0176 - Integral Seal Bolts**

Hexagon head. Stainless steel (AISI 303) with silicone 'O'-ring

**P0178 - Integral Seal Hex. Nuts**

Stainless steel (AISI 303 or 316). With silicone 'O' ring

**P0179 - Integral Seal Domed Nuts**

Stainless steel (AISI 303 or 316). With silicone 'O' ring

**P0180 - Seal Washers**

Stainless steel (A4, AISI 316) with ribbed silicone rubber bonded sealing element

**P0181 - Waterproof Seal Washers**

Stainless steel (AISI 304) with thermoplastic elastomer (TPE) insert

Products**Mechanical Components****Pins & Spacers****P1204 - Steel Dowel Pins**

Through hardened and ground steel (100Cr6). To DIN 6325, ISO 8734

**P1206 - Stainless Dowel Pins**

Stainless steel (A2, AISI 303), chamfered end. To ISO 2338A (1997)

**P1207 - Stainless Dowel Pins**

Stainless steel (A4, AISI 316), rounded end. To DIN 7. Ground to m6 on Ø (h8 over Ø16mm)

**P1209 - Stainless Grooved Pins**

Stainless steel (A2, AISI 303). To DIN 1473 (GP 3, similar to ISO 8740)

**P1212 - Extractable Dowel Pins**

Steel (100Cr6), hardened and tempered to HV 550-650, HRC 60 ±2. To DIN 7979D

**P1213 - Stainless Extractable Dowel Pins**

Stainless steel 1.4305. To DIN 7979C

**P1230 - Steel Slotted Pins**

Carbon steel (CS70), hardened and tempered to HV420-545

**P1231 - Stainless Slotted Spring Pins**

Stainless steel A2. To DIN 1481 (ISO 8752)

**P1232 - Steel Spiral Spring Pins**

Carbon steel (CS70) hardened and tempered to HV420-545. Plain oiled finish

**P1234 - Stainless Spiral Spring Pins**

Stainless steel A2. To DIN 7343 (ISO 8750)

**P1240 - Steel Cotter Pins**

Mild steel, zinc-plated. To DIN 94 (equivalent to ISO 1234)

**P1242 - Clevis Pins**

Mild steel, zinc-plated. To DIN 1444 B (ISO 2341 form B)

[≡ Products](#)

Mechanical Components



Pins & Spacers

**P1243 - Retaining Pins (R Clips)**

Zinc-plated or stainless A2

**P1247 - Linch Pins**Mild steel, generally yellow zinc plated.
To DIN 11023**P1248 - Shaft Locking Pins**

Mild steel, silver zinc-plated

**P1249 - Locking Pins**

For square tubes. Spring steel, yellow galvanised

**P1250.1 - Detent Pins**Carbon steel (C1144), zinc-plated.
Stainless steel AISI 316 ball & spring**P1252.1 - Detent Pins**

Stainless steel, AISI 303 & 316

**P1254 - Lanyard - Loop to Rectangular Tab**Stainless steel tab 300 Series (ASTM AA240/A666). Stainless steel crimp to
MIL-51844**P1255 - Lanyard - Loop to Loop**Stainless steel crimps to MIL-51844.
Vinyl coating to MIL-I-631**P0060 - Hexagonal Spacers**Stainless steel (AISI 303, 1.4305).
Slightly magnetic. Brass (2.0402), bright
nickel-plated or zinc-plated steel.**P0061 - Hexagonal Pillars**

Brass, steel zinc-plated, or 303 stainless

**P0065 - Clearance Spacers**

Brass, steel zinc-plated or 303 stainless

Products

Mechanical Components >

Lifting Pins, Lifting Bolts & Swing Bolts

**P4074 - Quick Lift Pins - Self Locking**

Heat treated steel, tempered, manganese phosphated for pin, body and shackle. Red anodised aluminium actuation button

**P4075 - Quick Lift Pins - Self Locking**

Stainless steel 1.4542 (AISI 630) pin and body, precipitation hardened. Stainless steel 1.4571 shackle. Red anodised aluminium actuation button

**P4002 - Swivel Eye Bolts - Male**

High tensile steel, strength class >8. Supplied with CE certificate

**P4004 - Swivel Eye Nuts - Female**

Female. High tensile steel, strength class >8. Supplied with CE certificate

**P4005 - Double Swivel Rings - Male**

Male. High tensile steel, strength class >8. Supplied with CE certificate

**P4006 - Double Swivel Nuts - Female**

Female. High tensile steel, strength class >8. Supplied with CE certificate

**P4008 - Double Swivel Shackles - Male**

Male. High tensile steel, strength class >8. Supplied with CE certificate

**P4010 - Double Swivel Shackle Nuts - Female**

Female. High tensile steel, strength class >8. Supplied with CE certificate

**P4020 - Stainless Double Swivel Rings**

High tensile stainless steel (316L), strength class >8. Supplied with CE certificate

**P4021 - Stainless Double Swivel Nuts**

High tensile stainless steel (316L), strength class >8. Supplied with CE certificate

**P4022 - Stainless Double Swivel Rings**

High tensile stainless steel (316L), strength class >8. Supplied with CE certificate

**P4077 - Locating Bushes for Quick Lift Pins**

Stainless steel 1.4542 (AISI 630), precipitation hardened

[≡ Products](#)[Mechanical Components](#)[Lifting Pins, Lifting Bolts & Swing Bolts](#)**P4040 - Steel Male Lifting Eye Bolts**

Metric sizes. Forged steel (C15E) annealed and zinc plated. Contact face machined. CE marked

**P4041 - Steel Female Lifting Eye Bolts**

Metric sizes. Forged steel (C15E) annealed and zinc plated. Contact face machined. CE marked

**P4043 - Stainless Male Lifting Eye Bolts**

Metric sizes. Stainless steel (A4, AISI 316). CE marked. To DIN 580

**P4044 - Stainless Female Lifting Eye Bolts**

Metric sizes. Stainless steel (A4, AISI 316). CE marked. To DIN 582

**P4046 - Steel Male Lifting Eye Bolts**

Imperial. Forged steel (C15E) annealed and zinc-plated (-ZP). Contact face machined. CE marked. To DIN 580

**P0070 - Swing Bolts**

Stainless steel (A2 & A4), brass, self-colour or zinc-plated steel

≡ **Products**



Mechanical Components



Anti-Vibration, Levelling Feet & Materials Handling



P2004 - Anti-Vibration Cylinders

Male:male. Rubber on silver zinc plated steel (rubber hardness - 55 Shore A)



P2005 - Anti-Vibration Cylinders

Male:male. Rubber on stainless steel, A2 (rubber hardness - 55 Shore A)



P2010 - Anti-Vibration Cylinders - Waisted

Male:male. Rubber on silver zinc plated steel (rubber hardness - 55 Shore A)



P2006 - Anti-Vibration Cylinders

Male:female. Rubber on silver zinc plated steel (rubber hardness - 55 Shore A)



P2008 - Anti-Vibration Cylinders

Female:female. Rubber on silver zinc plated steel (rubber hardness - 55 Shore A)



P2012 - Anti-Vibration Cylinders - Waisted

Female:female. Rubber on silver zinc plated steel (rubber hardness - 55 Shore A)



P2013 - Anti-Vibration Cylinders - Waisted

Female:female. Rubber on A2 stainless steel (rubber hardness - 55 Shore A)



P2020 - Anti-Vibration Feet

Male. Rubber on silver zinc plated steel (rubber hardness - 55 Shore A)



P2021 - Anti-Vibration Feet

Female. Rubber on silver zinc plated steel (rubber hardness - 55 Shore A)



P2022 - Anti-Vibration Bumpers

Male. Rubber on silver zinc plated steel (rubber hardness - 55 Shore A)



P2023 - Anti-Vibration Bumpers

Flanged. Rubber on silver zinc plated steel (rubber hardness - 55 Shore A)



P2024 - Anti-Vibration Cones - Male

Male. Rubber on silver zinc plated steel (rubber hardness - 65 Shore A)

≡ Products



Mechanical Components >

Anti-Vibration, Levelling Feet & Materials Handling



 AN ESENTRA COMPANY



P2025 - Anti-Vibration Cones - Female

Female. Rubber on silver zinc plated steel (rubber hardness - 65 Shore A)

 AN ESENTRA COMPANY



P2100.AV - Anti-Vibration Failsafe Mounts - Steel

Rubber on silver zinc plated steel (rubber hardness - 45-75 Shore A)

 AN ESENTRA COMPANY



P2101 - Anti-Vibration Failsafe Mounts

Stainless steel (AISI 304), (rubber hardness 45-65 Shore A)

 AN ESENTRA COMPANY



P2102 - Anti-Vibration Failsafe Mounts

Stainless steel (A4, 316). Rubber hardness 65-75 Shore A

 AN ESENTRA COMPANY



P2103 - Anti-Vibration Mounts

Rubber on silver zinc plated steel (rubber hardness - 60 Shore A)

 AN ESENTRA COMPANY



P2105 - Anti-Vibration Dome Mounts

Rubber on yellow zinc plated steel (rubber hardness 45-65 Shore A)

 AN ESENTRA COMPANY



P2041 - Anti-Vibration Mounts

Ribbed pads. Rubber on zinc plated steel

 AN ESENTRA COMPANY



P2044 - Anti-Vibration Mounts

With through holes. Rubber on silver zinc plated steel (rubber hardness - 55 Shore A)

 AN ESENTRA COMPANY



P2045 - Anti-Vibration Mounts

Rectangular. Rubber on zinc plated steel

 AN ESENTRA COMPANY



P2050 - Anti-Vibration Pads

Rubber (hardness - 55 Shore A). Can be cut to suit application

 AN ESENTRA COMPANY



P2051 - Rubber Pads

Rectangular. Rubber (hardness - 50 or 65 Shore A)

 AN ESENTRA COMPANY



P2070 - Anti-Vibration Bushes

Rubber on steel. Useful to isolate vibration and reduce noise

≡ **Products**



Mechanical Components



Anti-Vibration, Levelling Feet & Materials Handling



P2071 - Anti-Vibration Bushes

Silicone gel, two piece



P2075 - Anti-Vibration Bushes

Rubber (hardness - Shore 55 A). Used in a wide range of vibrating machines



P2080 - Anti-Vibration Washers

Rubber on silver zinc plated steel. Used where axial and radial loads are present



P2081 - Anti-Vibration Washers

Rubber on silver zinc plated steel. Used where axial and radial loads are present



P2452 - Spring Vibration Damper - One Spring

High tensile steel with Sylomer® anti-slide base



P2453 - Spring Vibration Damper - Two Spring

High tensile steel with Sylomer® anti-slide base



P2455 - Spring Vibration Damper - Four Spring

High tensile steel with Sylomer® anti-slide base



P2456 - Spring Vibration Damper - Five Spring

High tensile steel with Sylomer® anti-slide base



P2457 - Spring Vibration Damper - Six Spring

High tensile steel with Sylomer® anti-slide base



P2458 - Spring Vibration Damper - Nine Spring

High tensile steel with Sylomer® anti-slide base



P2501 - Acoustic Ceiling Hangars - Flanged

Zinc plated steel (anti-corrosive treatment) with Sylomer® pad



P2502 - Acoustic Ceiling Hangars - Without Nut

Zinc plated steel (anti-corrosive treatment) with Sylomer® pad

[Products](#)

Mechanical Components



Anti-Vibration, Levelling Feet & Materials Handling

**P2551 - Acoustic Suspension Hanger**

Spring. Zinc plated steel (anti-corrosive treatment)

**P2552 - Acoustic Suspension Hanger**

Top mount. Zinc plated steel and rubber

**P2554 - Acoustic Suspension Hanger**

With nut. Steel anti-corrosive zinc plated, with rubber (50 shore A) cylinder

**P2150 - Machine Mounts**

Steel body with silver zinc-plated thread. Synthetic rubber pad (65-70 Shore A) with anti-slide cavity. For low vibrations, irregular floors

**P2151 - Machine Mounts**

Steel body with zinc plated thread. Synthetic rubber base (65 Shore A), with anti-slide cavity. For medium and high frequency vibrations, smooth floors

**P2152 - Heavy Duty Machine Mounts**

Steel (GGG-40) coated body with zinc plated thread. Polyurethane base (65-90 Shore A). For heavy machining, high resistance

**P2153 - Heavy Duty Machine Mounts**

Coated steel body, special bowl shape protects against corrosion. Synthetic rubber base (75 Shore A). Excellent grip property. For heavy machining

**P2154 - Heavy Duty Machine Mounts Levelling**

Galvanised steel, with rubber pad (90 Shore A). Fine pitch thread. Great levelling accuracy. For heavy machinery

**P2160 - Stainless Machine Mounts**

Stainless steel body and thread (A2, AISI 304), with rubber base (65 Shore A). For medium to high frequency

**P2161 - Stainless Machine Mounts**

Stainless steel body and thread (A2, AISI 304), with hard polyurethane base (80 Shore A). Resistant to aggressive oils and chemicals. For heavy loads

**P2170 - Wedge Mounts**

Cast body, coated, with rubber base (65 Shore A) or harder polyurethane base (90 Shore A). For heavy loads

**P2180 - Precision Adjuster**

Steel (type 42 CrMo4 V, 1.7225), zinc-plated or stainless steel A1. For applications with limited space

Products**Mechanical Components****Anti-Vibration, Levelling Feet & Materials Handling****P2181 - Tilt Head Precision Adjuster**

Zinc-plated steel (type 42 CrMo4 V, 1.7225) or stainless steel A1 (A4 on request). For application with limited space

**P2182 - Precision Adjuster**

Zinc-plated steel (type 42 CrMo4 V, 1.7225) or stainless steel A1 (A4 on request). For application with wide adjustment range

**P2183 - Precision Adjuster**

With locking nut. Zinc-plated steel (type 42 CrMo4 V, 1.7225) or stainless steel A1 (A4 on request). For applications with dynamic load

**P2184 - Tilt Head Precision Adjuster**

Zinc-plated steel (type 42 CrMo4 V, 1.7225) or stainless steel A1 (A4 on request). For application with wide adjustment range

**P2185 - Tilt Head Precision Adjuster - Tall**

With locking nut. Zinc-plated steel (type 42 CrMo4 V, 1.7225) or stainless steel A1 (A4 on request). For applications with wide adjustments range

**P2186 - Ball Shim Levellers**

Zinc-plated steel (type 42 CrMo4 V, 1.7225) or stainless steel A1 (A4 on request). Compensates for non-level surfaces

**P2200.AV1 - Mini Levelling Feet**

Articulated. Stainless steel (AISI 304), with rubber pad (70Shore A). Available in stainless steel (AISI 316) on request

**P2200.AV2 - Levelling Feet**

Swivel. Stainless steel (AISI 304), with rubber pad (70Shore A). Available in stainless steel (AISI 316) on request

**P2201 - Stainless Levelling Feet**

Fixed feet. Stainless steel (AISI 304), with rubber pad (70Shore A). Available in stainless steel (AISI 316) on request

**P2202 - Machine Mount - Bolt Down**

Pad and bolt. Pressed stainless steel (AISI 303) pad, stainless steel (AISI 303) bolt, nitril rubber pad insert

**P2203.1 - Levelling Feet**

Bolt. Polyamide, fiber glass reinforced. With anti-slip pad. Stainless steel (AISI 304) bolt

**P2205.1 - Levelling Feet**

Bolt. Polyamide, fiber glass reinforced. With anti-slip pad. Galvanised steel (C40) bolt

[≡ Products](#)

Mechanical Components



Anti-Vibration, Levelling Feet & Materials Handling

**P2206 - Plastic Levelling Feet**

Fibre glass reinforced black plastic base, with steel (C40) stud

**P2207 - Steel Levelling Feet**

Steel (C40), powder coated (RAL 1007), with rubber pad (70 Shore A)

**P2208 - Steel Levelling Feet**

Galvanised steel (C40), with rubber pad (70 Shore A)

**P2209 - Steel Levelling Feet - Bolt Down**

Galvanised steel (C40) with vulcanised rubber

**P2700.AV - Push-Fit Ball Transfer Unit**

Light duty. Zinc-plated steel, stainless steel (AISI 416 for housing and AISI 420 for balls) and acetal (POM)

**P2701 - Acetal Body Ball Transfer Units**

Light duty. Acetal (POM) housing with acetal or stainless (AISI 316) balls. Only use in horizontal or 'ball up' position

**P2702 - Saturn Type Ball Transfer Units**

Light duty. Steel (AISI 1040 housing and AISI 52100 for balls), stainless steel (AISI 416 for housing and AISI 420 for balls) and acetal (POM)

**P2705 - Miniature Ball Transfer Units**

Carbon steel, aluminium or stainless steel housing. Carbon steel or stainless steel balls

**P2710 - Push-Fit Ball Transfer Units**

Medium duty. Steel (AISI 1040 for housing and AISI 52100 for balls), stainless steel (AISI 416 for housing and AISI 420 for balls) and acetal (POM)

**P2712 - Threaded Ball Transfer Units**

Medium duty. Female. Steel (AISI 1040 for housing and AISI 52100 for balls), stainless steel (AISI 416 for housing and AISI 420 for balls) and acetal (POM)

**P2713 - Threaded Ball Transfer Units**

Medium duty. Male. Steel (AISI 1040 for housing and AISI 52100 for balls), stainless steel (AISI 416 for housing and AISI 420 for balls) and acetal (POM)

**P2752 - Solid Rollers - Bearing Mount**

Nitrile, urethane or neoprene bonded to a steel insert. Hardness from 20-80 durometer (Shore A)

≡ **Products**



Mechanical Components



Anti-Vibration, Levelling Feet & Materials Handling



P2754 - Solid Roller - Stud Mount

Nitrile, urethane or neoprene bonded to a steel insert. Hardness from 20-80 durometer (Shore A)



P2756 - Solid Roller - Shaft Drive

Nitrile, urethane or neoprene bonded to a steel insert. Hardness from 20-80 durometer (Shore A)



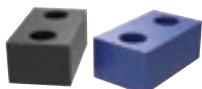
P2764 - Durasoft Roller - Stud Mount

Urethane bonded to steel insert. Hardness from 35-80 durometer (Shore A). Teardrop holes to allow roller to flex for firm contact



P2794 - Metric Bumpers - Round

Male and female. Black neoprene, flame and weather resistant. Urethane, highly abrasion resistant, high strength and load bearing



P2796 - Metric Bumpers - Rectangular and Square

Black neoprene, flame and weather resistant. Urethane, highly abrasion resistant, high strength and load bearing

≡ Products

Mechanical Components



Blanking Plugs, Springs & Tolerance Rings

**P0182 - Blanking Plugs - Heavy Duty**

Metric & BSPP. Steel (self-colour & zinc-plated), stainless steel (A2 & A4) or brass

**P0183 - Blanking Plugs with Collar**

Metric & BSPT. Steel (self-colour & zinc-plated, class 5.8), stainless steel (A2 & A4) or brass

**P0184 - Blanking Plugs**

Metric & BSPT. Steel (self-colour & zinc-plated), stainless steel (A2 & A4) or brass

**P0184.NPT - Blanking Plugs - Dry Seal**

Dry Seal. NPT and NPTF. Stainless steel (A2 & A4) or brass

**P0187 - Hexagon Blanking Plugs**

Hexagon Blanking Plugs. Steel (hardened or self-colour), stainless steel (A4) or brass

**P0190 - Expansion Sealing Plugs**

Metric. Standard. Case hardened steel (zinc-plated), stainless steel (A2, AISI 303 & A4 AISI 316) or aluminium (2024-T4)

**P0191 - Expansion Sealing Plugs - Inch**

Short. Case hardened steel (zinc-plated), stainless steel (A2, AISI 303 & A4 AISI 316) or aluminium (2024-T4)

**P0193 - Setting Tool for Sealing Plugs**

For expansion plugs. Tool steel, heat-treated. Hand tool version and air tool (for multiple installations)

**P0197 - Pull Expansion Sealing Plugs**

Case-hardened steel, black oxide finish. Working pressure up to 450 bar

**P0199 - Metric Threaded Restrictors**

Stainless steel A2. For restricting flow

**P0395 - Tolerance Rings - Shaft Variable**

SV type. Stainless steel (AISI 304, DIN 1.4301)

**P0396 - Tolerance Rings - Hole Variable**

HV type. Stainless steel (AISI 304, DIN 1.4301)

[Products](#)

Mechanical Components



Threaded Inserts & Specialist Screws

**P0083.1 - Thread Inserts - Metric**

Heavy duty. Inserts stainless steel (AISI 303), passivated. Keys stainless steel (302 CRES), passivated

**P0084.1 - Thread Inserts - Metric**

Thinwall. Inserts stainless steel (AISI 303), passivated. Keys stainless steel (302 CRES), passivated

**P0087.1 - Thread Inserts - Solid - Metric**

Inserts carbon steel (C1215), zinc phosphate. Keys stainless steel (302 CRES), passivated

**P0088.1 - Installation Tool - Metric - Thinwall**

For threaded inserts P0084.1 & P0084.2. Blackened steel

**P0400 - Knurled Thumb Screws**

Steel, brass, zinc-plated, A4 & A2 stainless steel & blackened. To DIN 464

**P0403 - Knurled Thumb Nuts**

Brass, zinc-plated, A4 & A2 stainless steel & Blackened. To DIN 466

**P0405 - Flat Knurled Thumb Screws**

Steel, brass, zinc-plated, A4 & A2 stainless steel & blackened. To DIN 653

**P0406 - Flat Knurled Nuts**

Steel, brass, zinc-plated, A2 stainless steel & blackened. To DIN 467

**P0409 - Knurled Nuts**

A2 stainless steel and blackened. To DIN 6303

**P0435 - Thin Head Thumb Screws**

A2 and A4 stainless steel & blackened

**P0437 - Narrow Head Thumb Screws**

A2 and A4 stainless steel & blackened

**P0438 - Thumb Screws - with Collar**

A2 and A4 stainless steel & blackened

 Products



Mechanical Components >

Threaded Inserts & Specialist Screws 

 AN ESSENTRA COMPANY



P0440 - Knurled Thumb Screws

Thermoplastic. With galvanised steel or AISI 304 stainless steel grub screw

 AN ESSENTRA COMPANY



P0441 - Plastic Knurled Nuts

Thermoplastic. With galvanised steel or AISI 304 stainless insert

 AN ESSENTRA COMPANY



P0480 - Plastic Head Thumb Screws

A4 stainless steel thread. Other colours available on request

 AN ESSENTRA COMPANY



P0491 - Hygienic Nuts - Female

304 stainless steel, high-gloss polished. FDA blue silicone gasket. Also available in AISI 316 on request

 AN ESSENTRA COMPANY



P0090 - Cap Head Vented Screws

Available in 303 and 316 stainless steel. Ultrasonically cleaned

 AN ESSENTRA COMPANY



P0091 - Hex Head Vented Screws

Available in 303 and 316 stainless steel. Ultrasonically cleaned. To DIN 933

 AN ESSENTRA COMPANY



P0093 - Vented Machine Screws

Countersunk. Hex. drive. Available in stainless steel AISI 304 and 316. To ISO 10642

 AN ESSENTRA COMPANY



P0094 - Socket Button Head Vented Screws

Available in 303 and 316 stainless steel. Ultrasonically cleaned. To ISO 7380

 AN ESSENTRA COMPANY



P0097 - Stainless Vented Washers

Available in stainless steel AISI 304 and 316. Ultrasonically cleaned. Available with coating

 AN ESSENTRA COMPANY



P0120 - Thrust Screws - Brass Pad

Stainless steel 1.4305 (AISI 303) screw. Brass pad

 AN ESSENTRA COMPANY



P0121 - Thrust Screws - Brass Pad

Heat treated steel screw, 1200 +/- 100 N/mm². Brass pad

 AN ESSENTRA COMPANY



P0124 - Thrust Screws - Plastic Pad

Stainless steel 1.4305 (AISI 303) screw. White thermoplastic (POM) pad

[Products](#)

Mechanical Components >

Threaded Inserts & Specialist Screws

**P0125 - Thrust Screws - Plastic Pad**

Heat treated steel screw, 1200 +/- 100 N/mm². White thermoplastic (POM) pad

**P0129 - Solder Tipped Set Screws**

Hex. socket. Stainless steel (A2), with silver solder (semi-soft) tip. Self-locking

**P0110 - Self-Locking Cap Screws**

Stainless steel A2 with green nylon locking patch. To DIN 912. Stainless steel A4 available on request

**P0111 - Self-Locking Button Head Screws**

Stainless steel A2 with green nylon locking patch. To DIN 912. Stainless steel A4 available on request

**P0112 - Self-Locking Countersunk Screws**

Stainless steel A2 with green nylon locking patch. To DIN 7991. Stainless steel A4 available on request

**P0500.HP - Cap Head Hexagon Socket**

Polyether ether ketone (PEEK). Blue. With x-ray opaque or metal detectable filler for optical detection

**P0500.MP - Cap Head Hexagon Socket**

Polyether ether ketone (PEEK). Green. For medical industry applications

**P0500.NP - Cap Head Hexagon Socket**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**P0501.NP - Hexagon Head Set Screw**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². UL94-V0 compliant

**P0502.NP - Hexagon Nuts**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². Generally to DIN 934. UL94-V0 compliant

**P0503.NP - Female-Female Hexagon Spacers**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². UL94-V0 compliant

**P0504.NP - Male-Female Hexagon Spacers**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². Standard coarse thread. UL94-V0 compliant

[Products](#)

Mechanical Components >

Threaded Inserts & Specialist Screws

**P0507.NP - Set Screws**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². UL94-V0 compliant

**P0508.NP - Ultra Low Head Cap Screws**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². UL94-V0 compliant

**P0509.NP - Torx Low Cap Head Screws**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². UL94-V0 compliant

**P0510.NP - Washers**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². Generally to DIN 125. UL94-V0 compliant

**P0511.NP - Low Cap Head Hex Socket Screws**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². UL94-V0 compliant

**P0512.NP - Slotted Cheese Head Screws**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². To DIN 84. UL94-V0 compliant

**P0513.NP - Torx Ultra Low Head Screws**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². UL94-V0 compliant

**P0514.NP - Countersunk Hexagon Head Screws**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². Generally to DIN 7991. UL94-V0 compliant

**P0515.NP - Torx Countersunk Head Screws**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². UL94-V0 compliant

**P0520.NP - Torx Pan Head Screws**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². UL94-V0 compliant

**P0530.NP - Cap Head Vented Screws**

Natural PEEK (polyether ether ketone). Tensile strength ~116N/mm². UL94-V0 compliant

[Products](#)[Mechanical Components](#)[Standard Fasteners](#)**P0200 - Socket Cap Screws**

Stainless steel A2. To DIN 912, ISO 4762. Also available in stainless steel A4, zinc-plated steel and self-colour steel

**P0202 - TX Cap Screws - Hexalobular Drive**

Stainless steel (A2 class 70, class 80 on request). To ISO 14579. Also available stainless steel A4

**P0205 - Low Cap Head Screws**

Low head, stainless steel A2. To DIN 7984. Also available in stainless steel A4 and zinc-plated steel

**P0206 - TX Cap Screws**

Low head, stainless steel A2. To DIN 14580. Also available in stainless steel A4

**P0207 - Extra Low Head Cap Screws**

Hex. drive, 303 stainless steel (AISI 303, 1.4305). Also available in 316 stainless steel, blackened 303 & 316 stainless steel and titanium

**P0208 - Ultra Low Head Cap Screws**

Hex. drive, 303 stainless (AISI 303, 1.4305). Also available in 316 stainless steel, blackened 303 & 316 stainless steel and titanium

**P0209 - Ultra Low Head Cap Screws**

TX drive, 303 stainless (AISI 303, 1.4305). Also available in 316 stainless steel and blackened 303 & 316 stainless steel

**P0210 - Socket Button Screws**

Stainless steel A2. To ISO 7380. Threaded within 2.5 x pitch of head. Also available in stainless steel A4 and zinc-plated steel

**P0214 - Flanged Button Screws**

Stainless steel A2. Manufactured to ISO 7380. Threaded within 2.5 x pitch of head. Also available in stainless steel A4 and zinc-plated steel

**P0222 - Socket Countersunk Machine Screws**

Stainless steel A2. To DIN 7991, ISO 10642. Also available in stainless steel A4 and zinc-plated steel

**P0225 - TX Countersunk Machine Screws**

Stainless steel A2. To DIN 965. Also available in stainless steel A4 and zinc-plated steel

**P0235 - Pozi Pan Head Screws**

Stainless steel A2. To DIN 7985 Z, ISO 7045. Threaded within 2.5 x pitch of head. Also available in stainless steel A4 and zinc-plated steel

[≡ Products](#)

Mechanical Components >

Standard Fasteners

**P0238 - Large Head Slot Pan Head Screws**

Steel (zinc-plated), stainless steel (A2), or brass. To DIN 921

**P0260 - Hexagon Head Set Screws**

Stainless steel (A2, class 70, class 80 on request). To DIN 933, ISO 4017. Also available in stainless steel A4, zinc-plated steel and brass

**P0262 - Hexagon Head Bolts**

Stainless steel (A2 class 70, class 80 on request). To DIN 931, ISO 4014. Also available in stainless steel A4, zinc-plated steel and self-colour steel

**P0270 - Socket Set Screws - Cup Point**

Stainless steel A2. To DIN 916. Also available in stainless steel A4 and zinc-plated steel

**P0273 - Socket Set Screws - Cone Point**

Stainless steel A2. To DIN 914. Also available in stainless steel A4 and zinc-plated steel

**P0277 - Slotted Set Screws - Flat Point**

Stainless steel A2. To DIN 551. Also available in stainless steel A4 and zinc-plated steel

**P0278.ZP - Slotted Set Screws - Cone Point**

Steel, zinc-plated (class 14H). To DIN 553

**P0301 - Full Nuts Coarse Thread**

Stainless steel A2. To DIN 934. Also available in stainless steel A4, zinc-plated steel, self-colour steel, brass and nylon

**P0305 - Lock Nuts Coarse Thread**

Stainless steel A2. To DIN 439. Also available in stainless steel A4, zinc-plated steel, self-colour steel and brass

**P0306 - Lock Nuts Fine Thread**

Stainless steel A2. To DIN 439. Also available in stainless steel A4, zinc-plated steel, self-colour steel and brass

**P0307 - Lock Nuts Left Hand Thread**

Stainless steel A2. To DIN 439. Also available in stainless steel A4 and zinc-plated steel

**P0309 - Serrated Flanged Nuts**

Stainless steel A2. To DIN 6923. Also available in stainless A4 and zinc-plated steel

 **Products**



Mechanical Components



Standard Fasteners



P0314 - Nylon Insert Nuts

Type T, stainless steel A2. To DIN 985. Also available in stainless A4 and zinc-plated steel



P0315 - Nylon Insert Nuts - High Type

Stainless steel A2. To DIN 982. Also available in stainless A4 and zinc-plated steel



P0318 - Hexagon Domed Cap Nuts

Nylon. To DIN 1587. Also available in stainless A2 and A4, self-colour steel, zinc-plated steel and brass



P0319 - Nylon Insert Domed Nuts

Steel, zinc-plated (class 6 or over). To DIN 986. Also available in stainless A2.



P0322 - Hexagonal Coupler Nuts

Stainless steel A2 and A4. Long, to join two externally threaded fasteners



P0325 - Cage Nuts

Stainless steel A2. Also available in zinc-plated steel.



P0330 - Flat Washers Form A

Stainless steel A2. To DIN 125 A. Also available in stainless steel A4, brass, zinc-plated steel, self-colour steel and nylon



P0333 - Penny Washers

Mudguard washers, stainless steel A2. Also available in stainless steel A4 and zinc-plated steel



P0335 - Flat Washers

Stainless steel A4. To DIN 433. Also available in stainless steel A2 and zinc-plated steel



P0336 - Heavy Flat Washers

Stainless steel A4. To DIN 433. Also available in stainless steel A2, zinc-plated steel and self-colour steel



P0342 - Shim Washers

Stainless steel (A2, AISI 304). To DIN 988. Creates a precise fit



P0363 - Schnorr Safety Washers

Stainless steel A2. To DIN 17222. Also available in self-colour steel and galvanised steel. Anti-vibration locking washers

[≡ Products](#)

Mechanical Components



Standard Fasteners

**P0370 - Spring Washers
Rectangular Section**

Stainless steel A4. To DIN 127 B. Also available in stainless steel A2, self-colour zinc and zinc-plated steel. Locking washers

**P0380 - External A2 Circlips**

Stainless steel (A2, AISI303). To DIN 471. Also available in phosphated steel

**P0381 - Internal Circlips**

Stainless steel (A2, AISI 303). To DIN 472

≡ **Products**



Mechanical Components >

Other Components



P0292 - Clamp Cleats

Stainless steel A4 with nylon insert.
Some sizes supplied with stainless steel
A2 screw



P1332 - Cylindrical Spacers

Nylon PA66. Creates a specific gap
between two components



P1988 - Insert

Low density black polyethylene. Ribbed,
square



**P0600 - Countersunk Pozi
AB Tappers**

Zinc-plated steel. To DIN 7982C-Z.
Also available black passivated

Rotary & Linkages

Our **Rotary and Linkage** Components range provides precise motion transfer and reliable mechanical connection for a wide variety of automation, machinery and motion control applications. From **universal joints** and **couplings** that ensure smooth power transmission, to **rod ends**, **clevis joints** and **linkage assemblies** that enable controlled movement and alignment, each component is designed for durability and performance. These products help solve

common engineering challenges such as misalignment, backlash, vibration and uneven motion - improving efficiency, accuracy and service life in rotating or articulating systems. Whether you're building a new mechanism or maintaining existing equipment, our rotary and linkage solutions offer the precision and reliability you need for consistent motion control.

Find the perfect linkage for your application from;

- Universal joints & rod ends
- Couplings
- Pivot bearings, air motors & cylinders
- Clevis joints, turnbuckles and ball & socket joints
- Gears, gearboxes & belts



Products

Linkages & Rotary Components



Universal Joints & Rod Ends

**R3680 - Telescopic Universal Joints**

Steel, greased. Plain bearing. To DIN 808. Zinc-plated available on request

**R3681 - Stainless Telescopic Universal Joints**

AISI 304. Plain bearing. To DIN 808. Zinc-plated available on request

**R3683 - Double Universal Joint**

Unbored, solid ends. Steel. Plain bearing. To DIN 808

**R3684 - Double Universal Joint**

Round bored or keyway. Steel. Plain bearing. To DIN 808/7551

**R3685 - Double Universal Joint**

Round bored or keyway. Steel. Plain bearing. To DIN 808

**R3686 - Double Universal Joint**

Needle roller bearing. Steel. Plain bearing. To DIN 808

**R3687 - Single Universal Joint**

Unbored, solid ends. Steel. Plain bearing. To DIN 808

**R3688 - Single Universal Joint**

Round bored or keyway. Steel. Plain bearing. To DIN 808/7551

**R3689 - Single Universal Joint**

Round bored or keyway. Steel. Plain bearing. To DIN 808

**R3690 - Single Universal Joint**

Needle roller bearing. Steel. Round, Hex, square bored or with keyway. To DIN 808

**R3691 - Bellows**

Bellows for single universal joints. Rubber

**R3692 - Bellows**

Bellows for double universal joints. Rubber

[Products](#)

Linkages & Rotary Components



Universal Joints & Rod Ends

**R3694 - Stainless Single Universal Joint**

Round bored or keyway. AISI 304. Plain bearing. To DIN 808

**R3695 - Stainless 304 Single Universal Joint**

Unbored, solid ends. AISI 304. Plain bearing. To DIN 808

**R3696 - Stainless Double Universal Joint**

Round bore or keyway. AISI 304. To DIN 808.

**R3697 - Stainless Double Universal Joint**

Unbored, solid ends. AISI 304. Plain bearing. To DIN 808

**R3550 - Heavy Duty Rod Ends**

K series. Steel. Heavy duty rod end, with integral spherical plain bearing. Maintenance free

**R3553 - Heavy Duty Rod Ends - Male**

E series. Steel. Heavy duty rod end, with integral spherical plain bearing. Maintenance free

**R3556 - Heavy Duty Rod Ends - Male**

With integral ball bearing. Steel. Low maintenance

**R3563 - Heavy Duty Rod Ends - Male**

With integral ball bearing. Stainless steel. Low maintenance

**R3565 - Heavy Duty Rod Ends - Male**

A2 stainless steel. Heavy duty rod ends, with integral spherical plain bearing. Maintenance free

**R3567 - Heavy Duty Rod Ends - Male**

With integral spherical plain bearing. Stainless steel. Maintenance free

**R3571 - Low Cost Rod End - Male**

With teflon bearing race. Low carbon steel. Brass bearing with PTFE composite lining

**R3572.M - Low Cost Rod End**

With teflon bearing race. Low carbon steel. Zinc-plated housing. Housing styles are subject to change

Products

Linkages & Rotary Components



Universal Joints & Rod Ends

**R3573 - Low Cost Rod End - Male**

With integral spherical plain bearing. Housing and outer ring in heat treated steel. Steel ball bearing. Series E. Maintenance free

**R3577 - Low Cost Rod Ends**

Stainless steel housing and ball. Teflon or PTFE liner race. Stainless steel bearing ring lined with bronze and PTFE composite

**R3551 - Heavy Duty Rod Ends - Female**

K series. Steel. Heavy duty rod end, with integral spherical plain bearing. Maintenance free

**R3554 - Heavy Duty Rod Ends - Female**

E series. Steel. With integral spherical plain bearing. Maintenance free

**R3557 - Heavy Duty Rod Ends - Female**

With integral ball bearing. Steel. Low maintenance

**R3562 - Heavy Duty Rod Ends - Female**

With integral roller bearing. Steel. Low maintenance

**R3564 - Heavy Duty Rod Ends - Female**

With integral self-aligning ball bearing. A2 stainless steel. Low maintenance

**R3566 - Heavy Duty Rod Ends - Female**

A2 stainless steel. With integral spherical plain bearing. Maintenance free

**R3568 - Heavy Duty Rod Ends - Female**

A2 Stainless. With integral spherical plain bearing. Series E

**R3570 - Low Cost Rod End - Female**

With teflon bearing race. Low carbon steel ball and housing. Brass bearing with PTFE composite lining

**R3574 - Low Cost Rod End - Female**

With integral spherical plain bearings. Series E. Maintenance free. Steel

**R3576 - Low Cost Rod Ends - Female**

A2 stainless steel. Series K. Maintenance free

[Products](#)[Linkages & Rotary Components](#)[Universal Joints & Rod Ends](#)**R3579 - Plastic Rod End Female**

Female, black plastic housing (Igumid G), spherical bearing Iglidur w300. Resistant to corrosion and chemicals.

**R3610 - Rod End with Stud**

Female. K series. Steel, zinc plated. Maintenance free

**R3611 - Rod End with Stud**

Male. K series. Body zinc plated steel. Sizes according to DIN ISO 12230-4. Maintenance free

**R3614 - Stainless Rod End with Stud**

Male. K series. Body AISI 304 stainless steel. Size according to DIN ISO 12240-4. Maintenance free

**R3620 - Hydraulic Rod Ends**

Weld-on base. Spherical plain bearings. Series E. Steel

**R3622 - Hydraulic Rod Ends**

Weld-on base. Spherical plain bearing. Steel

**R3626 - Hydraulic Rod Ends**

With female thread and locking nuts. Heat-treated steel up to size 60. Cast iron from size 70.

**R3628 - Hydraulic Rod Ends**

With female thread and locking nuts. Heat-treated steel up to size 60. Cast iron from size 70.

**R3640 - Spherical Plain Bearings**

Spherical plain bearing. Steel. Teflon race. To DIN 12240-1

**R3642 - Stainless Spherical Plain Bearings**

Stainless steel. Maintenance free, series K. Similar to DIN 12240-1 (DIN 648)

**R3670 - Steel Lock Nut**

Hexagonal lock nuts to DIN 936. Mild steel, silver zinc plated

 Products



Linkages & Rotary Components >

Clevis Joints, Turnbuckles & Ball & Socket Joints



R3385 - Steel Clevis Joints

Silver zinc plated. Right hand. Coarse or fine thread



R3386 - Steel Clevis Joints

Silver zinc plated. Left hand. Coarse or fine thread



R3387 - Steel Clevis Joints with Retention Clips

With retention clip. Silver zinc plated. Right hand. Coarse or fine thread



R3388 - Steel Clevis Joints with Retention Clips

With retention clip. Silver zinc plated. Left hand. Coarse or fine thread



R3389 - Steel Clevis Joints with Pin

With pin. Silver zinc plated. Right hand. Coarse or fine thread



R3390 - Steel Clevis Joints with Pin

With pin. Silver zinc plated. Left hand. Coarse or fine thread



R3400 - Clevis Joints with Retention Clip S/S

With retention clip. Right hand. Coarse or fine thread



R3402 - Stainless Clevis Joints

Stainless steel A2. Right hand. Coarse or fine thread



R3403 - Stainless Clevis Joints

Stainless steel A2. Left hand. Coarse or fine thread



R3404 - Stainless Clevis Joints with Pin

Stainless steel A2, with pin. Right hand. Coarse or fine thread



R3406 - Stainless Clevis Joints with Pin

Stainless steel A2 with pin. Right hand. Coarse or fine thread



R3410 - Male Clevis Joints

Steel, silver zinc plated. Right hand

≡ Products



Linkages & Rotary Components



Clevis Joints, Turnbuckles & Ball & Socket Joints



R3411 - Male Clevis Joints

Steel, silver zinc plated. Left hand



R3416 - Stainless Male Clevis Joints

Stainless steel A2. Right hand



R3435 - Clevis Retention Clips

Steel, silver zinc plated



R3440 - Safety Fastener (SLM)

Steel, silver zinc plated



R3444 - Safety Fastener (KLM)

Steel, silver zinc plated



R3447 - Stainless Circlips

Stainless steel (AISI 303). To DIN 471



R3450 - Clevis Pins

With groove, silver zinc plated



R3454 - Stainless Clevis Pins

Stainless steel (AISI 303)



R3455 - Steel Clevis Pin with Hole

With Hole. Steel, zinc plated



R3456 - Stainless Clevis Pin with Hole

Stainless steel (1.4305). For sizes 6-8 stainless steel (1.4567)



R3420 - Mating Piece for Clevis Joints

Right hand. Steel, silver zinc plated



R3426 - Stainless Mating Piece for Clevis Joints

Right hand. Stainless steel A2

[Products](#)

Linkages & Rotary Components



Clevis Joints, Turnbuckles & Ball & Socket Joints

**R3460 - Ball and Socket Joints**

Steel, silver zinc-plated. To DIN 71802 form CS. Supplied with hexagon nut

**R3461 - Ball and Socket Joints**

Left hand thread. Steel, silver zinc-plated. To DIN 71802 form CS. Supplied with hexagon nut

**R3466 - Stainless Ball and Socket Joints**

Stainless steel A2 (AISI 303). To DIN 71802 form CS. Supplied with hexagon nut

**R3467 - Stainless Ball and Socket Joints**

Left hand thread. Stainless steel A2 (AISI 303). To DIN 71802 form CS. Supplied with hexagon nut

**R3468 - Stainless Ball and Socket Joints**

Stainless steel A4 (AISI 316). To DIN 71802 form CS. Supplied with hexagon nut

**R3470 - Ball and Socket Joints**

With sealing cap. Steel, silver zinc-plated. To DIN 71802 form CS. Supplied with hexagon nut

**R3476 - Stainless Ball and Socket Joints**

With sealing cap. Stainless steel A2 (AISI 303). Sealing cap in neoprene

**R3477 - Stainless Ball and Socket Joints**

With sealing cap. Left hand thread. Stainless steel A2 (AISI 303). Sealing cap in neoprene

**R3490 - Ball and Socket Joints**

With flats on housing. Carbon steel stud. Neoprene sealing cap. Silver zinc-plated steel housing. To DIN 71802 form CS. Supplied with hexagon nut

**R3491 - Ball and Socket Joints**

Left hand thread. With flats on housing. Carbon steel stud. Neoprene sealing cap. Silver zinc-plated steel housing. To DIN 71802 form CS. With hexagon nut

**R3496 - Stainless Ball and Socket Joints**

With flats on housing. Stainless steel A2 (AISI 303). Sealing cap in neoprene. To DIN 71802 form CS. Supplied with hexagon nut

**R3497 - Stainless Ball and Socket Joints**

Left hand thread. With flats on housing. Stainless steel A2 (AISI 303). Sealing cap in neoprene. To DIN 71802 form CS. Supplied with hexagon nut

[Products](#)[Linkages & Rotary Components](#)[Clevis Joints, Turnbuckles & Ball & Socket Joints](#)**R3520 - Plastic Ball and Socket Joints**

Black plastic (Igumid G) housing. Silver zinc-plated steel stud. Low weight. Maintenance free.

**R3500 - Axial Ball and Socket Joints**

Steel, silver zinc-plated. Similar to DIN 71802

**R3506 - Stainless Axial Ball and Socket Joints**

Stainless steel (AISI 303). Similar to DIN 71802

**R3524 - Ball Joint - Housing Only**

Low carbon steel, silver zinc-plated. To DIN 71802

**R3526 - Threaded Ball Studs**

Low carbon steel, silver zinc-plated. To DIN 71802 Form C

**R3528 - Stainless Threaded Ball Studs**

Stainless steel (AISI 304). To DIN 71802 Form C

**R3530 - DMG Ball and Socket Joints**

Yellow zinc plated steel. Case hardened ball stud. Low carbon steel body and ball

**R3530.i - Ball and Socket Joints - Imperial**

Yellow zinc plated steel. Case hardened ball stud.

**R3532 - Stainless DMG Ball and Socket Joints**

Stainless steel (AISI 303)

**R3535 - Quick Release Ball Joints**

A2 stainless steel (AISI 303) or zinc-plated steel. Carbon steel shield and ball stud.

**R3538 - Male Ball and Socket Joints**

Low carbon steel, silver zinc plated

**R3540 - Lockable Ball Joints**

Steel, silver zinc-plated. Technopolymer (polyamide PA) break piece

 Products



Linkages & Rotary Components >

Clevis Joints, Turnbuckles & Ball & Socket Joints



 Automotion
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R3800 - Pipe Body Turnbuckles

Steel, zinc-plated. Also available in hot dip galvanised version. To DIN 1478

 Automotion
AN ESENTRA COMPANY



R3804 - Stud End Pipe Body Turnbuckles

Steel, zinc-plated. Also available in hot dip galvanised version. To DIN 1478

 Automotion
AN ESENTRA COMPANY



R3808 - Eye End Pipe Body Turnbuckles

Steel, zinc-plated. Also available in hot dip galvanised version. To DIN 1478

 Automotion
AN ESENTRA COMPANY



R3820 - Jaw End Pipe Body Turnbuckles

Body steel 1.0037. Jaws steel 1.0503. Zinc-plated. Also available in hot dip galvanised version. To DIN 1478

 Automotion
AN ESENTRA COMPANY



R3802 - Pipe Body Turnbuckles

Stainless steel A4, To DIN 1478

 Automotion
AN ESENTRA COMPANY



R3810 - Eye End Pipe Body Turnbuckles

Stainless steel A4, To DIN 1478

 Automotion
AN ESENTRA COMPANY



R3830 - Turnbuckles

Steel (1.0037), zinc-plated. To DIN 1480. Also available in hot dip galvanised version

 Automotion
AN ESENTRA COMPANY



R3834 - Stub End Turnbuckles

Steel (1.0037), zinc-plated. To DIN 1480, stub end. Also available in hot dip galvanised version

 Automotion
AN ESENTRA COMPANY



R3838 - Plain End Turnbuckles

Steel (1.0037), zinc-plated. To DIN 1480, plain end. Also available in hot dip galvanised version

 Automotion
AN ESENTRA COMPANY



R3848 - Jaw End Turnbuckles

Body steel 1.0037. Jaws steel 1.0503. Zinc-plated. Also available in hot dip galvanised version. To DIN 1480 jaw to jaw

 Automotion
AN ESENTRA COMPANY



R3850 - Hook & Eye Turnbuckles

Body steel 1.0037. Jaws steel 1.0503. Zinc-plated. Also available in hot dip galvanised version. To DIN 1480 hook & eye

 Automotion
AN ESENTRA COMPANY



R3840 - Eye End Turnbuckles

Steel (1.0037) zinc-plated. To DIN 1480 eye to eye

≡ **Products**



Linkages & Rotary Components



Clevis Joints, Turnbuckles & Ball & Socket Joints



Automation
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R3832 - Turnbuckles

Stainless steel A4. To DIN 1480

Automation
AN ESENTRA COMPANY



R3852 - Hook & Eye Turnbuckles

Stainless steel A4. To DIN 1480 hook & eye

Automation
AN ESENTRA COMPANY



R3825 - Hexagonal Body Turnbuckles

Steel (1.0037), zinc-plated. Right or left hand thread. Also available in hot dip galvanised version. To DIN 1479

Automation
AN ESENTRA COMPANY



R3826 - Hexagonal Body Turnbuckles

Stainless steel (A4). To DIN 1479

Automation
AN ESENTRA COMPANY



R3862 - Hooks for Turnbuckles

Steel (1.0037). Also available in hot dip galvanised version

Automation
AN ESENTRA COMPANY



R3864 - Jaws for Turnbuckles

Steel (1.0037), zinc-plated. Right or left hand thread. Also available in hot dip galvanised version

 Products

Linkages & Rotary Components



Gears, Gear Boxes & Belts

**R2144 - 0.5 Module Precision Worms**

Right hand. DIN 7/AGMA 10. Stainless steel (DIN 1.4305)

**R2300 - Right Angle Drives - Two Shafts**

Ø8 shafts. Lightweight aluminium alloy housing. Case-hardened steel gears and shafts. Sizes Ø14-25 also available

**R2306 - Right Angle Drives - Two Shafts**

Ø15 shafts. Lightweight aluminium alloy housing. Case-hardened steel gears and shafts

**R2308 - Right Angle Drives - Two Shafts**

Right Angle Drives - 2 Shafts, Ø20 shafts. Aluminium

**R2312 - Right Angle Drives - Two Shafts**

Right Angle Drives - 2 Shafts, Ø25 shafts. Aluminium

**R2307 - Right Angle Drives - Three Shafts**

Ø15 shafts. Aluminium

**R2310 - Right Angle Drives - Three Shafts**

Right Angle Drives - 3 Shafts, Ø20 shafts. Aluminium

**R2314 - Right Angle Drives - Three Shafts**

Right Angle Drives - 3 Shafts, Ø25 shafts. Aluminium

**R2325 - Right Angle Drives - Three Shafts**

Right Angle Drives - 3 Shafts, Ø14 shafts. Aluminium

**R2334 - Right Angle Drives - Three Shafts**

Right Angle Drives - 3 Shafts, Ø24 shafts. Aluminium

**R2358 - Stainless Right Angle Drives - Two Shafts**

Stainless Right Angle Drives - 2 Shafts, Ø25 shafts. Stainless steel

**R2353 - Stainless Right Angle Drives - Three Shafts**

Stainless Right Angle Drives - 3 Shafts, Ø15 shafts. Stainless steel

 **Products**



Linkages & Rotary Components



Gears, Gear Boxes & Belts



R2355 - Stainless Right Angle Drives - Three Shafts

Stainless Right Angle Drives - 3 shafts, Ø20 shafts. Stainless steel



R2359 - Stainless Right Angle Drives - Three Shafts

Stainless Right Angle Drives - 3 Shafts, Ø25 shafts. Stainless steel



R2348 - Two Way Reversing Gear Box

2 Way Reversing Gear Box, Ø19 shafts. Aluminium



R4204 - Split Bearings - Supra Slim

Split Bearings, corrosion resistant. Ball bearings retained in plastic cage.



R4000 - Flexure Pivot Bearings

Flexure Pivot Bearings, single-ended. Stainless steel



R4002 - Flexure Pivot Bearings

Flexure Pivot Bearings, double-ended. Stainless steel.

[≡ Products](#)[Linkages & Rotary Components](#)[Pivot Bearings, Air Motors & Cylinders](#)**L4520 - Anti-Stiction Air Cylinder - 15.9mm Bore**

Universal mount. Carbon/graphite piston. Stainless steel

**L4540 - Anti-Stiction Air Cylinder - 24mm Bore**

Universal mount. Carbon/graphite piston. Stainless steel

**L4558 - Anti-Stiction Air Cylinder - 32mm Bore**

Front/rear mount. Carbon/graphite piston. Stainless steel

**L4574 - Push/Pull Dashpot**

0.627" bore. Carbon/graphite piston. Stainless steel or aluminium rod

**R4100 - Miniature Air Motors**

Precision Air Motors. Reversible or right hand. Stainless steel and aluminium

**R4040 - Ratchets and Pawl**

Stainless steel AISI 303 Ratchet and Pawl. Right hand operation.

Who are **Wixroyd?**

Wixroyd is a trusted UK supplier of precision engineered components designed to help product design engineers overcome complex challenges. Our extensive range is built for durability, ease of integration and reliability in demanding environments. By combining ergonomic functionality with consistent dimensional accuracy, Wixroyd components simplify design, reduce prototyping time, and ensure end products perform flawlessly in the field - helping engineers bring robust, user-friendly equipment to market faster and with fewer compromises.

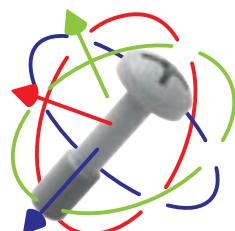
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Design Elements

Our **Design Elements** range delivers secure fastening, confident handling and dependable positioning across countless mechanical, automation and fabrication tasks. From **spring and index plungers** that provide positive locking and repeatable engagement, to ergonomic **grips, handles** and **handwheels** that enhance user control, each element is engineered for consistent performance. Our **locating, positioning and gripping** components help maintain accuracy during assembly and

machining; while **lifting pins, points and load rings** ensure safe, efficient load handling. **Anti-vibration mounts, shock absorbers** and **rollers** further protect equipment from noise, impact and unwanted movement. Whether refining a machine design or improving operational reliability, our design element solutions offer the stability, safety and usability required for smooth, trouble-free operation.

Our range of standard parts include;

- Spring & index plungers
- Grips, handles & handwheels
- Locating, positioning & gripping
- Lifting pins, lifting points & load rings
- Anti-vibration, shock absorbers & rollers



Products

Design Elements >

Spring & Index Plungers & Ball Lock Pins

**31000 - Spring Bodies**

Steel, nickel-plated, body. Stainless steel (AISI 301) spring. Also available in stainless steel (AISI 305) and brass, nickel-plated

**31420 - Spring Plungers - with Ball**

Hex. socket. Free cutting steel, blackened, body. Steel 1.3505, hardened ball bearing. Stainless steel spring. Also available in stainless steel

**31500 - Spring Plungers - with Ball End**

Hex. socket. Free cutting steel, blackened, body. Steel 1.3505, hardened, ball bearing. Stainless steel spring. Also available in stainless steel

**31600 - Spring Plungers - with Round-Ended Pin**

Hex. socket. Free cutting steel, blackened, body. Steel 1.3505, hardened ball bearing. Stainless steel spring. Also available in stainless steel

**31610 - Smooth Running - Spring Plungers - with Ball**

Hex. socket. Free cutting steel, blackened, body. Steel 1.3505, hardened ball bearing. Stainless steel spring. Also available in stainless steel

**32000 - Spring Plungers - Plastic**

Slotted. Thermoplastic (POM), blue. Hardened stainless steel (1.3541) or white thermoplastic (POM) ball. Stainless steel spring

**32100 - Spring Plungers - with Ball**

Slotted. Free cutting steel, blackened, body. Steel 1.3505, hardened ball bearing. Stainless steel spring. Also available in stainless steel

**32102 - Spring Plungers - with Ceramic Ball**

Slotted. Stainless steel (A4), passivated body. Ceramic (silicon nitride), black ball. Stainless steel (A4), passivated, spring

**32105 - Spring Plungers - with Ball and Front Slot**

Free cutting steel, blackened, stainless steel 1.4305, or thermoplastic (POM), blue body. Stainless steel, hardened, or thermoplastic (POM) white ball

**32150 - Spring Plungers - with Round-Ended Pin**

Slotted. Free cutting steel, blackened body. Free cutting steel, hardened, blackened pin. Stainless steel spring. Also available in stainless steel

**32280 - Spring Plungers - Smooth**

Without collar. Stainless steel (AISI 303) body. Steel (100Cr6), hardened ball bearing. Stainless steel spring

**32282 - Spring Plungers - Pin End - Smooth**

With collar. Stainless steel (AISI 305) body. Stainless steel (AISI 303), or thermoplastic (POM) white ball bearing. Stainless steel spring

 **Products**



Design Elements >

Spring & Index Plungers & Ball Lock Pins 



32300 - Spring Plungers

Smooth model. With collar and ball. Stainless steel, delrin or brass



32302 - Expander Fit Spring Plunger

Smooth body. Thermoplastic POM, black. Temperature range -30°C to +50°C



32350 - Spring Plungers - Double Ended

Brass body. Stainless steel, hardened ball. Stainless steel spring



32420 - Spring Plungers - Long

Free cutting steel, blackened, or heat-treated steel, tempered, blackened body. Case hardened steel, blackened pin. Stainless steel spring



32810 - Side-Thrust Pins - without Seal

Aluminium. Steel, case hardened & galvanised, or thermoplastic (POM) white pin. Steel, blackened or blue galvanised, or stainless steel spring



32820 - Side-Thrust Pins - with Seal

Aluminium. Steel, case hardened & galvanised, or thermoplastic (POM) white pin. Steel, blackened or blue galvanised, or stainless steel spring. Rubber (CR) seal



32840 - Side-Thrust Pins - Threaded - without Seal

Aluminium. Steel, case hardened & galvanised, or thermoplastic (POM) white pin. Steel, blackened or blue galvanised, or stainless steel spring



32870 - Side-Thrust Pins - with Plastic Spring

Plastic spring body. Steel, case hardened and galvanised, stainless steel or thermoplastic (POM) white pin



32900 - Eccentric Bushings Mounting - Smooth

For lateral plungers. Steel, blackened. To position side-thrust pins



3B100 - Spring Plungers - Imperial - with Ball

Slotted. Free cutting steel, blackened body. Steel (100Cr6), hardened, ball bearing. Stainless steel spring. Also available in stainless steel type



32460 - Index Plungers - Precision

Cylindrical pin. Case-hardened steel, blackened and ground



32480 - Index Plungers - Precision

Tapered pin. Case hardened steel, blackened and ground

[Products](#)

Design Elements >

Spring & Index Plungers & Ball Lock Pins

**32491 - Index Plungers - Lever Grip**

Pin protruding at start. Steel zinc plated, blue passivated

**32494 - Index Plungers - Pull Grip**

Release lock. Steel, blackened or stainless steel 1.4305

**32495 - Index Plungers - Pull Grip**

Rapid locking head. Steel, blackened or stainless steel 1.4305

**32500 - Index Plungers - Lever Grip**

Locking. Free-cutting steel, blackened

**32501 - Index Plungers - Lever Grip**

Locking. Stainless steel 1.4305 (AISI 303). Turn lever 180° to retract pin

**32502 - Index Plungers - T-Handle Grip**

Compact, non-locking. Stainless steel or free cutting steel

**32520 - Index Plungers - Lever Grip**

Flange mounting, locking. Free cutting steel, blackened

**32530 - Index Plungers - Pull Grip**

Flange mounting, extended pin. Steel, blackened

**32540 - Index Plungers - Pull Grip & Pull Ring**

Flange mounting, non-locking. Die cast zinc, black

**32542 - Index Plungers - Pull Grip**

Flange mounting, locking. Die cast zinc, black

**32550 - Index Plungers - Pull Ring**

Non-locking, coarse thread. Free cutting steel, galvanised

**32570 - Index Plungers - Pull Grip**

Coarse thread. Steel, galvanised

[Products](#)

Design Elements >

Spring & Index Plungers & Ball Lock Pins **32600 - Index Plungers - Pull Grip**

Mini, for thin walled parts. Extra fine thread. Steel or stainless steel

**32604 - Index Plungers - Pull Grip**

Mini, for thin walled parts. Coarse thread. Free cutting steel or stainless steel

**32680 - Index Plungers - Pull Grip**

Compact, non-locking. Free cutting steel or stainless steel

**32681 - Index Plungers - No Grip**

Compact, non-locking. Steel or stainless steel

**32690 - Index Plungers - Compact**

Compact, locking. Steel or stainless steel

**32700 - Index Plungers - Pull Grip**

Non-locking. Steel or stainless steel

**32702 - Index Plungers - Pull Grip**

Non-locking. All stainless steel 1.4305 (AISI 303)

**32712 - Index Plungers - Pull Grip**

Locking. All stainless steel 1.4305 (AISI 303)

**32730 - Index Plungers - Pull Grip**

For thin walled parts. Steel or stainless steel

**32740 - Index Plungers - Pull Grip**

Non-locking. Steel or stainless steel

**32742 - Index Plungers - Pull Grip**

Non-locking. All stainless steel 1.4305 (AISI 303)

**32760 - Index Plungers - Pull Grip**

Flange mounting. Free cutting steel or stainless steel

[Products](#)

Design Elements >

Spring & Index Plungers & Ball Lock Pins

**32770 - Index Plungers - Pull Grip**

Compact. Steel, galvanised

**32781 - Index Plungers - Pull Grip**

Locking, tamper resistant. Pin protruding at start. Steel

**32782 - Index Plungers - Pull Grip**

Locking, tamper resistant. Pin retracted at start. Free cutting steel, zinc plated, blue passivated

**33010.1 - Detent Pin**

Carbon steel (C1144), zinc plated

**33012.1 - Detent Pin**

Stainless steel, AISI 303

**33014 - Detent Pin - Ring Handle - Shoulder**

Carbon steel (C1144), zinc plated

**33020 - Detent Pin - T Handle - Shoulder**

Stainless steel, AISI 303

**33060 - Ball Lock Pins - Single Acting - Orange**

Self-locking. Stainless steel 1.4542 (AISI 630), precipitation hardened, blast finish. Also in green, blue and black

**33080 - Ball Lock Pins - Single Acting - Orange**

Self-locking. Stainless steel 1.4542 (AISI 630). Also in grey, blue and black

**33100 - Ball Lock Pins - Single Acting - Elastic Spring**

Self-locking. Stainless steel 1.4305 (AISI 303)

**33104.1 - Ball Lock Pins - Single Acting**

Self-locking. Adjustable length. Stainless steel 1.4305 (AISI 303)

**33194.1 - Ball Lock Pins - Contoured Handle**

Self-locking, single acting. Stainless steel 1.4305 (AISI 303)

 **Products**



Design Elements >

Spring & Index Plungers & Ball Lock Pins 



33200.1 - Ball Lock Pins - Single Acting - T-Handle

Self-locking. Stainless steel 1.4305 (AISI 303)



33220.1 - Ball Lock Pins - Single Acting - L-Handle

Self-locking. Stainless steel 1.4305 (AISI 303)



33224.1 - Ball Lock Pins - Mushroom Handle

Single acting, self-locking. Stainless steel 1.4305 (AISI 303)



33226.1 - Ball Lock Pins - Single Acting - Safety Handle

Self-locking. Stainless steel 1.4305 (AISI 303)



33230 - Clamp Lock Pins - Single Acting

Button handle. Stainless steel 1.4305 (AISI 303)



33248 - Locating Bushes

For ball lock pins. Stainless steel 1.4305 (AISI 303)



33250 - Lanyard - Loop to Loop

With split rings. Crimps stainless steel



33252 - Lanyard - Split Ring to Rectangle Tab

Crimps brass. Tab stainless steel



33300 - Linch Pins

Mild steel, generally yellow zinc plated



33320 - Shaft Locking Pins

Mild steel, generally silver or zinc-plated



33331 - Threaded Lock Pins

Self-locking. Free cutting steel, manganese phosphated or stainless steel 1.4305 (AISI 303)



33600 - Aviation Pip-Pin - Standard B Handle

Single acting. Quick release pins. Steel

[Products](#)

Design Elements >

Spring & Index Plungers & Ball Lock Pins

**33610 - Aviation Pip-Pin - Standard T-Handle**

Single acting. Quick release pins.
According to NASM 17985

**33620 - Aviation Pip-Pin - Standard LA Handle**

Single acting. Quick release pins.
According to NASM 17986

**33630 - Aviation Pip-Pin - Standard R Handle**

Single acting. Quick release pins.
According to NASM 17987

**33910 - One Touch Fastener - Ball Locking**

Push button lock, recessed button. Steel,
nickel plated

**33914 - One Touch Fastener - Ball Locking**

Push button lock, straight. Steel, nickel
plated

**33916 - One Touch Fastener - Ball Locking**

Quarter turn lock, t-handle grip. Steel,
nickel plated

**33917 - One Touch Fastener - Ball Locking**

Quarter turn lock, t-handle grip. Stainless
steel

**33920 - Locating Bushes**

For one-touch fasteners 33910 to 33918.
Steel or stainless steel SUS303

**33924 - One Touch Fastener - Ball Clamping**

Push button lock, button handle.
Stainless steel SUS303

**33927 - One Touch Fastener - Ball Clamping**

Quarter turn lock, t-handle grip. Steel,
nickel plated

**33928 - One Touch Fastener - Ball Clamping**

Quarter turn lock, t-handle. Steel, nickel
plated

**33940 - One Touch Fastener - Cam Locking**

Quarter turn, t-handle grip. Stainless
steel SUS303

 **Products**



Design Elements >

Spring & Index Plungers & Ball Lock Pins 



33942 - One Touch Fastener - Cam Locking

Quarter turn, t-handle grip. Stainless steel SUS303



33944 - One Touch Fastener - Cam Locking

Quarter turn, low height. T-handle grip. Stainless steel SUS303



33945 - One Touch Fastener - Cam Locking

Quarter turn, low height. Hex key. Stainless steel SUS303



33946 - One Touch Fastener - Cam Locking

Retract, quarter-turn t-handle grip. Steel, nickel plated



33948 - One Touch Fastener - Cam Locking

Thin plate locating bush for quarter turn. Steel, nickel plated or stainless steel



33949 - One Touch Fastener - Cam Locking

Flush fit locating bush for 33940, 33942 and 33944. Steel, nickel plated or stainless steel



33950 - One Touch Fastener - Magnetic Hold

Pin. Steel, nickel plated



33956 - One Touch Fastener - Magnetic Hold

Locating bush for 33950. Stainless steel



33970 - Sliding Clamps - For Slotted Hole

Quarter turn lock, t-handle grip. Die-cast zinc, chrome plated



33972 - Sliding Clamps - For Solid Sliding Bar

Quarter turn lock, t-handle grip. Die-cast zinc, chrome plated



33980 - Sliding Clamps - For Solid Round Bar

Quarter turn lock, l-handle grip. Polyamide (glass-fibre reinforced)

[Products](#)

Design Elements >

Thumb, Captive & Sealing Screws

**37020 - Flat Knurled Thumb Screws**

Turned, visible face, good finish. Steel, quality 5.8, blackened

**37100 - Knurled Nuts**

Turned, visible face, good finish. With collar. Steel, quality 5, blackened

**37120 - Flat Knurled Nuts**

Turned, visible face, good finish. Steel, quality 5, blackened

**37140 - Knurled Thumb Screws**

Turned, visible face, good finish. Steel, quality 5.8, blackened

**37150 - Knurled Thumb Screws**

Stainless steel 1.4305 (AISI 303), matte, shot-blasted

**37160 - Knurled Nuts**

Free-cutting steel, blackened

**37200 - Thin Head Thumb Screws**

Stainless steel (AISI 303, 1.4305)

**37330 - Plastic Knurled Nuts**

Thermoplastic (PA), black. Temperature resistant from -30°C to + 80°C

**37352 - Knurled Thumb Screws**

Plastic, steel grub screw. Thermoplastic PA, black

**37360 - Quick Tightening Knurled Knob**

Turned and burnished steel, blackened. Tensile strength class 5

**37460 - Thumb Knob**

Blackened steel or stainless steel 1.4305 (AISI 303)

**38100 - Tommy Screws**

With movable bar - DIN 6306. Free-cutting steel, black

[≡ Products](#)

Design Elements >

Thumb, Captive & Sealing Screws

**33652 - Stainless Shoulder Bolts - Hex. Head**

Stainless steel (A2, AISI 303). Tensile strength 550N/mm²

**33654 - Shoulder Screws - Hex. Socket Head**

Stainless steel (A2, AISI 303). Tensile strength 580N/mm², yield strength 200N/mm²

**33656 - Pan Head Shoulder Screws**

Stainless steel (A2, AISI 303). Also available in steel

**33658 - Shoulder Screws - Cap Head**

TX drive. Stainless steel (AISI 303, 1.4305). Also available in 316 and blackened 303 and 316

**36664 - Shoulder Nuts - Cap Head**

Hex. drive. Stainless steel (AISI 303, 1.4305). Also available in 316 and blackened 303 and 316

**36642 - Shoulder Screws - Cap Head**

Hex. drive. Stainless steel (AISI 303, 1.4305). Available in titanium grade 2 and 5, 316 and blackened 303 and 316

**36650 - Ultra Low Head - Shoulder Screw**

Hex. drive. Stainless steel (AISI 303, 1.4305). Available in 316 and blackened 303 and 316

**36662 - Shoulder Screw - Cap Head**

Slot drive. Stainless steel (AISI 303, 1.4305), blackened. Imperial version available

**36680 - Captive Screws - Button Head**

TX drive. Stainless steel (AISI 303, 1.4305 and AISI 316). Tensile strength 550N/mm². Also in blackened 303 and 316. Titanium available

**36681 - Captive Screws - Cheese Head**

Hex. drive. Stainless steel (AISI 303, 1.4305). Available in 316 and blackened 303 and 316

**36682 - Captive Screws - Cap Head**

Hex. drive. Stainless steel (AISI 303, 1.4305). Available in 316, titanium and steel

**36683 - Captive Screws - Pan Head**

TX drive. Stainless steel (AISI 303, 1.4305). Available in 316, blackened 303 and 316 and titanium

Products

Design Elements



Thumb, Captive & Sealing Screws

**36684 - Captive Screws - Countersunk**

Hex. drive. Stainless steel (AISI 303, 1.4305). Available in 316, blackened 303 and 316 and titanium

**36685 - Captive Screws - Button Head**

Hex. drive. Stainless steel (AISI 303, 1.4305). Available in 316, blackened 303 and 316 and titanium

**36686 - Captive Thumb Screws**

Stainless steel (AISI 303, 1.4305). Available in 316, blackened 303 and 316 and titanium

**36688 - Captive Thumb Screws**

Slot drive. Stainless steel (AISI 303, 1.4305). Available in 316, blackened 303 and 316 and titanium

**36689 - Captive Screws - Cap Head**

TX drive. Stainless steel (AISI 303, 1.4305). Available in 316, blackened 303 and 316 and titanium

**36691 - Threaded Captive Washers**

Stainless steel (AISI 303, 1.4305 and AISI 316, 1.440)

**36692.TL - Installation Tools**

For retainer flanges. Ball bearings and punches from steel

**36693 - Captive Screws With Washer**

Hex. drive. Stainless steel (AISI 303, 1.4305)

**36696 - Captive Screws - Hex Bolts**

Stainless steel (AISI 303, 1.4305). Available in 316, blackened 303 and 316 and titanium

**36698 - Captive Panel Thumb Screws**

Slot drive. Stainless steel (AISI 303, 1.4305). Available in 316, blackened 303 and 316 and titanium

**36596 - Pan Head Seal Screws**

Slotted. Stainless steel (AISI 303 1.4305 tensile strength 550N/mm²). Available in imperial.

**36598 - Pan Head Seal Screws**

Torx drive. Stainless steel (AISI 303 1.4305 tensile strength 550N/mm²)

[≡ Products](#)

Design Elements



Thumb, Captive & Sealing Screws

**36631 - Button Head Seal Screws**

Hex. socket. Stainless steel (AISI 303 1.4305 tensile strength 550N/mm² or AISI 316 1.440 tensile strength 480N/mm²)

**36632 - Countersunk Seal Screws**

Hex. socket. Stainless steel (AISI 303 1.4305 tensile strength 550N/mm² or AISI 316 1.440 tensile strength 480N/mm²)

**36633 - Cap Head Seal Screws**

Hex. socket. Stainless steel (AISI 303 1.4305 tensile strength 550N/mm² or AISI 316 1.440 tensile strength 480N/mm²)

**36633.TX - Cap Head Seal Screws**

Torx drive. Stainless steel (AISI 303 1.4305 tensile strength 550N/mm² or AISI 316 1.440 tensile strength 480N/mm²)

**36634 - Integral Seal Bolts**

Hexagon head. Stainless steel (AISI 303 1.4305 tensile strength 550N/mm² or AISI 316 1.440 tensile strength 480 N/mm²)

**36636 - Integral Seal Hex. Nuts**

Stainless steel (AISI 303 1.4305 tensile strength 550N/mm² or AISI 316 1.440 tensile strength 480N/mm²)

**36637 - Waterproof Seal Washers**

Stainless steel (AISI 304, 1.4301), with thermoplastic elastomer (TPE) insert

**36638 - Hygienic Nuts - Female**

AISI 304 stainless steel high-gloss polished dome-nut, FDA blue silicone gasket, 3-A accepted

**37370 - Screws - Male**

Stainless steel (AISI 304) high-gloss polished dome-nut, FDA blue silicone gasket, 3-A accepted

**39001 - Expansion Sealing Plugs**

Case hardened steel (zinc-plated), stainless steel (A2, AISI 303 & A4 AISI 316) or aluminium (2024-T4)

[≡ Products](#)

Design Elements >

Grips, Handles & Handwheels

**37380 - Quarter Turn Screw, Male**

Stainless steel 1.4404 (AISI 316), body sintered, matte, shot-blasted

**37420 - Wing Nut**

Stainless steel 1.4308, matt finish

**70000 - Palm Grips**

Cast iron GG20, bright. Sandblasted or tumbled

**70040 - Palm Grips**

Light metal aluminium (polished or unpolished). Produced to DIN 6335

**70042 - Palm Grips**

Die cast stainless steel A2 (AISI 304), dull blasted. DIN 6335

**70060 - Palm Grips**

Duroplast PF 31 DIN 7708, black. Temperature range: max 110°C

**70080 - Palm Grips**

With grub screw. Duroplast PF 31, black. Produced to DIN 7708

**70120 - Star Grips**

Light metal aluminium (polished or unpolished). Produced to DIN 6336

**70122 - Star Grips**

Die cast stainless steel A2 (AISI 304), dull blasted. DIN 6336

**70160 - Star Grips**

Female. Sheet drawn stainless (AISI 304), dull blasted

**70162 - Star Grips**

Male. Sheet drawn stainless (AISI 304), dull blasted

**70180 - Star Grips**

Solid stainless steel 1.4305 (AISI 303), matt, dull blasted

[≡ Products](#)

Design Elements >

Grips, Handles & Handwheels **70610 - Star Grips**

With stainless steel grub screw.
Thermoplast (PA 6) Black RAL 9005

**70620 - Three Lobed Knobs**

Brass bush. Duroplast, black

**70680 - Six Lobed Knobs**

Brass bush. Duroplast, black

**70700 - Six Lobed Knobs**

Brass bush. Duroplast, black

**70720 - Six Lobed Knobs**

With grub screw. Zinc plated steel stud.
Duroplast, black

**70740 - Six Lobed Knobs**

Stainless steel bush or thread AISI 303 (1.4305). Duroplast, black

**70800 - Eight Lobed Knobs**

Brass bush. Thermoplastic, matt black

**70820 - Eight Lobed Knobs**

With grub screw. Zinc plated steel stud.
Thermoplastic, black, matt

**72180 - Wing Nuts**

Brass bush. Thermoplastic, black, matt

**72190 - Wing Nuts**

With grub screw. Zinc plated steel stud.
Thermoplastic, black, matt

**72280 - Wing Nuts**

With colour insert. Black RAL9005, red RAL3000, blue RAL5019. Other colour inserts available on request

**72430 - Knurled Knobs**

Zinc plated steel stud. Thermoplastic, black, matt

[Products](#)

Design Elements >

Grips, Handles & Handwheels

**72480 - Knurled Control Knob**

Thermoplastic, black, matt. Tapped hole with grub screw for mounting to shaft

**72485 - Torque Control Knob**

Thermoplastic PA 6, light grey, similar to RAL 7035

**73000 - Ball Knobs - Plastic**

Duroplast PF 31 DIN 7708, black. Temperature range max. 110°C

**73004 - Ball Knobs - Stainless Steel**

Stainless steel 1.4305, dull blasted. Similar to DIN 319

**73020 - Revolving Ball Knobs**

Duroplast, black. Zinc plated steel stud, hexagonal locking blind hole

**73200 - Mushroom Knobs**

Black, duroplast PF31. Brass bush or zinc plated steel male thread

**78000 - Cabinet Handles**

Rear mounting. Plastic coated, black RAL9005

**78010 - Cabinet Handles**

Front mounting. Plastic coated, black RAL 9005

**78020 - Pull Handles - Oval**

Oval aluminium, Al Mg Si 0,5. Minimum stress resistance 500N

**78030 - Pull Handles - Oval**

Flat-oval profiled aluminium AlMgSi 0,5. Minimum stress resistance 500N

**78040 - Cabinet Handles**

Angled. Aluminium, natural silver - matt anodized, or plastic coated

**78070 - Pull Handles - Offset**

Round aluminium bar, Al Mg Si 0,5. Finish: vibration ground, and anodized with a matt finish in natural or black colour

[≡ Products](#)

Design Elements >

Grips, Handles & Handwheels **78120 - Pull Handles - Aluminium**

For 19" drawers and instrument panels.
Profile aluminium AlMgSi 0.5.

**78210 - Pull Handles - Bow Type**

Aluminium section AlMgSi 0.5. Anodized in a special quality glass ball blasted, satin finish

**78240 - Pull Handles - Grip Type**

Aluminium section AlMgSi 0.5. Anodized in a special quality, glass ball blasted, satin finish

**78700 - Pull Handles**

Round steel bar. Precision ground and high gloss chromium plated surface

**78800 - Pull Handles**

Cast stainless steel, G-X7 CrNiMoNb 18 10. Glass blasted, satin matt finish

**78830 - Pull Handles**

Stainless steel (304) precision casting (G X6 CrNi 18 9, material no. G4308)

**78890 - Pull Handles**

AISI 316 stainless steel, mirror finish

**78900 - Pull Handles - Bar Type**

Stainless steel rod X12 CrNiS 18 8, 1.4305 (AISI 303). Matt gloss

**78910 - Pull Handles - Oval Type**

Stainless steel 1.4301, dull blasted

**78920 - Pull Handles - Oval Type**

Stainless steel X12 CrNiS 18 8, 1.4305 (AISI 303). Vibration ground with a semi-matte finish

**78940 - Pull Handles**

Round stainless steel X12 CrNiS 18 8, material no. 1.4305. Ground and brushed for a matt finish

**78970 - Pull Handles - Collapsible**

All components made of round bar stainless steel, material no. 1.4305. Vibration ground to a semi-matt finish

[Products](#)

Design Elements >

Grips, Handles & Handwheels

**79120 - Pull Handles**

Solid thermoplastic PA 6, glass ball reinforced. Matt black or orange with attractive, fine grain structure

**79150 - Plastic Pull Handles**

Through hole or threaded bush. Thermoplastic, black, matt, glass fibre reinforced

**79180 - Plastic Pull Handles**

Rear mounting. Thermoplastic, black, matt. Glass fibre reinforced

**79240 - Pull Handles**

Polyamide, PA 6 glass ball reinforced, black, semi-matt, with fine structure

**79250 - Pull Handles**

Polyamide, PA 6 glass ball reinforced, black, semi-matt with fine structure

**79270 - Pull Handle System**

Extruded aluminium AlMgSi 0.5. Anodised, matt black. Insert of black reinforced polyamide (PA6)

**79310 - Handles**

Curved. Stainless steel fine ground, material 1.4301. Tube Ø30 x 1.5mm, end caps material no 1.4305, stainless steel, fine ground

**79350 - Equipment Handles**

Special aluminium section, matt finishing in natural colour or black anodised

**79410 - Pull Handles - Heavy Duty**

Die-cast aluminium, black powder coated, silk matte. Minimum stress resistance >1000N

**79460 - Pull Handles - Recessed**

AISI 304 stainless steel, satin finish. Ideal for harsh and high corrosive environments

**79480 - Pull Handles - Recessed**

Rear mounting. Stainless steel, AISI 304, satin finish. Supplied with stainless steel M4 nut

**79500 - Pull Handles - Recessed**

Profiled aluminium, with black polyamide end caps PA 6. Handle glass blasted and anodised, natural or black, satin finish

Products

Design Elements



Grips, Handles & Handwheels

**79522 - Handle**

ABS resin, black, similar to RAL 9005, with fine structure on the visible surfaces

**79530 - Recessed Pull Handles**

Thermoplast (PA 6), glass bead reinforced. Threaded brass insert. Supplied with four oval-head screws to DIN 7985

**79540 - Tray Handle - Collapsible**

Stainless steel. AISI 304, polished. Stress resistance: min. 200N

**79550 - Pull Handles - Collapsible**

Pressure moulded aluminium, GD Al Si dCu 3

**79570 - Pull Handles - Collapsible**

Round steel bar, precision ground and chromium plated, mirror finish. Plastic grip

**79620 - Ledge Pulls**

Profiled aluminium AlMgSi 0.5. Vibropolished and anodized to a matt finish

**79630 - Ledge Handles**

Profile aluminium AlMgSi 0.5. Satin finish anodized in 3 colours

**79711 - Ring Pulls - Recessed**

AISI 304 stainless steel, polished. Supplied with stainless steel screws (3.8x16)

**79750 - Pull Handles**

Easy to clean. Round bar stainless steel 1.4305 (AISI 303), vibration ground, semi-matt finish

**79760 - Pull Handles 3A Standard**

Hygienic line. Round bar stainless steel AISI304

**79820 - Pull Handles**

Clean line. Oval profiled aluminium AlMgSi 0.5. Vibration ground and powder coated in RAL 9002 grey white

**70300 - Free Running Safety Star Grip**

Free-running when not engaged. Plastic technopolymer (Polyamide PA) glass fibre reinforced, black

[Products](#)

Design Elements >

Grips, Handles & Handwheels

**70310 - Free Running Safety Star Grip - With Grub Screw**

Free-running when not engaged. Plastic technopolymer (Polyamide PA) glass fibre reinforced, black

**70550 - Palm Grips**

With axial bearing. Thermoplast (PA)

**73922 - Clamping Nuts**

Welded, double-sided. Steel, galvanised. Allows for two-handed operating

**74380 - Adjustable Clamping Lever**

Threaded bore. Stainless steel, 1.4308 (AISI CF-8). Matt blasted

**74390 - Adjustable Clamping Levers**

With grub screw. Stainless steel, 1.4308 (AISI CF-8). Matt blasted

**74410 - Adjustable Clamping Levers**

Threaded bore. Die-cast zinc

**74430 - Adjustable Clamping Levers**

With grub screw. Die-cast zinc

**74440 - Adjustable Clamping Levers**

Threaded bore. Inner parts stainless steel. Die cast zinc

**74460 - Adjustable Clamping Levers**

With grub screw. Inner parts stainless steel. Die cast zinc

**74470 - Adjustable Clamping Levers**

With axial bearing. Threaded bore. Die cast zinc

**74480 - Adjustable Clamping Levers**

With axial bearing and grub screw. Die cast zinc

**74490 - Adjustable Clamping Levers**

Inner parts steel. Zinc die-cast, plastic coated, matt

[Products](#)

Design Elements >

Grips, Handles & Handwheels **74492 - Adjustable Clamping Levers**

Inner parts stainless steel. Zinc die-cast, plastic coated, matt

**74500 - Adjustable Clamping Levers**

Free cutting steel, blackened

**74760 - Adjustable Clamping Levers**

Threaded insert. Black, matt thermoplast, reinforced

**74780 - Adjustable Clamping Levers**

With grub screw. Black, matt thermoplast, reinforced

**74820 - Adjustable Clamping Levers**

With grub screw. Black, thermoplastic, glass fibre reinforced. Zinc plated steel stud

**74860 - Free Running Safety Clamping Lever, Thre. Insert**

Free-running when not engaged. Plastic technopolymer (polyamide PA) glass fibre reinforced, black

**77070 - Three Spoked Handwheels**

With rotating grip. Thermoplastic, black, matt. Zinc plated steel hub

**77100 - Cast Iron Handwheels**

Grey cast iron GG. Produced to DIN 950

**77120 - Aluminium Handwheels**

Aluminium, deburred. Hub machined, rim polished. Produced to DIN 950

**77140 - Stainless Steel Handwheels**

Stainless steel, deburred. DIN 950

**77300 - Handwheels - 2 Spoke**

Aluminium mould casting. Plastic handle PF 31, DIN 7708

**77400 - Disc Type Handwheels**

Aluminium mould casting. Handle duroplast DF 31 black

[Products](#)

Design Elements >

Grips, Handles & Handwheels

**77640 - Solid Disc Handwheels**

With fold-away rotating grip. Duroplast, black. Zinc plated steel hub

**75010 - Cylindrical Handles**

Moulded thread. Duroplast, black

**75020 - Revolving Handles**

Black, duroplast, with zinc plated steel stud

**75060 - Rotating & Fixed Handles**

Steel, turned, zinc coated by galvanisation, passivated. DIN 39 & 98

**75100 - Revolving Handles**

Cylindrical. Black, duroplast. Zinc plated steel stud

**75150 - Revolving Handles**

Fold-away type. Stainless steel, thermoplastic

**75160 - Rotating Handles**

Fold-away type. Thermoplastic, black, matt. Steel stud and zinc plated steel retractable mechanism

**75200 - Cranked Handles**

Straight - DIN 469. Cast iron (GTW), plastic coated, black

**75220 - Cranked Handles**

Offset - DIN 468. Cast iron (GTW), plastic coated, black

**75260 - Cranked Handles**

With rotating grip. Thermoplast, black, matt. Glass fibre reinforced

**36820 - Door Catches**

Dry powdered metal

**73900 - Retaining Catches**

One-sided. Die cast zinc, black coated to RAL 9005 or silver coated to RAL 9006

≡ **Products**



Design Elements >

Grips, Handles & Handwheels



73906 - Retaining Catches

Wing-grip, one-sided. Die-cast zinc, plastic coated silver (RAL 9006) or black (RAL 9005) matt finish

[Products](#)

Design Elements >

Levelling Feet, Mounts & Adjusters

**34610 - Fixed Feet**

Non-tilt. Steel, zinc plated

**34615 - Mini Levelling Feet**

Medium load. Stainless steel (AISI 304), with rubber pad (70 Shore A)

**34640 - Levelling Feet**

Steel, zinc plated. Thermoplastic, black

**34701 - Levelling Feet**

Pad and bolt. Steel or stainless steel. To be used as feet and thrust pads

**34702 - Levelling Feet - Bolt Down**

Pad and bolt. Mild steel, nickel plated

**34703 - Steel Levelling Feet**

Galvanised steel (C40), with rubber pad (70 shore A)

**34704 - Steel Levelling Feet**

Galvanised steel (C40). Full Steel base with vulcanized rubber

**34705 - Steel Levelling Feet**

Steel (C40), powder coated (RAL 1007), with rubber pad (70 shore A)

**34712 - Levelling Feet - Bolt Down - Medium Duty**

Pad and bolt stainless steel AISI 303

**34713 - Levelling Feet - Bolt Down - Heavy Duty**

Pad and bolt stainless steel 1.4305, AISI 303

**34714 - Levelling Feet**

Swivel. Stainless steel (AISI 304), with rubber pad (70 Shore A)

**34721 - Levelling Feet**

Polyamide reinforced nylon pad. Mild steel, plated bolt

[≡ Products](#)

Design Elements >

Levelling Feet, Mounts & Adjusters

**34723 - Levelling Feet**

Polyamide reinforced by fibre glass with anti-slip pad. Galvanised steel (C40) bolt

**34741 - Levelling Feet**

Polyamide reinforced nylon pad. Stainless steel, AISI 303 bolt

**34743 - Levelling Feet**

Polyamide reinforced by fibre glass with anti-slip pad. Stainless steel AISI 304 bolt

**34751 - Machine Mount - Vibration Dampening**

Pressed stainless steel AISI 303 pad. Stainless steel AISI 303 bolt. Nitril rubber insert

**34752 - Machine Bolt - Bolt Down**

Pad and bolt stainless steel AISI 303. Nitril rubber insert

**34760 - Levelling Feet**

Thermoplastic pad. Stainless steel 1.4305 (AISI 303) bolt

**34777 - Hygienic Tank Feet**

Stainless steel 304

**34900 - Machine Mounts**

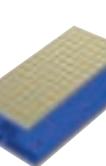
Steel body with silver zinc plated thread. Synthetic rubber pad (65-70 Shore A) with anti-slide cavity

**34930 - Heavy-Duty Machine Mounts**

Steel (GGG-40) coated body with zinc plated thread. Polyurethane base (65-90 Shore A)

**34950 - Heavy-Duty Machine Mounts Levelling**

Galvanised steel, with rubber pad (90 Shore A)

**34960 - Wedge Mounts**

Cast body, coated, with rubber base (65 Shore A) or harder polyurethane base (90 Shore A)

**62000 - Precision Adjuster**

Steel (type 42 CrMo4 V, 1.7225) zinc plated or stainless steel A1 (A4 on request)

[≡ Products](#)

Design Elements >

Levelling Feet, Mounts & Adjusters

**62040 - Tilt Head Precision Adjuster**

Steel (type 42 CrMo4 V, 1.7225) zinc plated or stainless steel A1 (A4 on request)

**62080 - Precision Adjuster**

With locking nut. Steel (type 42 CrMo4 V, 1.7225) zinc plated or stainless steel A1 (A4 on request)

**62120 - Tilt Head Precision Adjuster**

Tall with locking nut. Steel (type 42 CrMo4 V, 1.7225) zinc plated or stainless steel A1 (A4 on request)

**62140 - Ball Shim Leveller**

Steel (type 42 CrMo4 V, 1.7225) zinc plated or stainless steel A1 (A4 on request)

[≡ Products](#)

Design Elements >

Rod Ends & Joints

**65700 - Heavy-Duty Rod Ends - Male**

With integral spherical plain bearing. Forged steel, tempered, rolled thread, surface galvanised

**65704 - Low Cost Rod Ends - Male**

With teflon bearing race. Low carbon steel, zinc plated for corrosion resistance

**65706 - Stainless Low Cost Rod Ends**

Male. Stainless steel (AISI 303)

**65720 - Heavy-Duty Rod Ends - Female**

With integral spherical plain bearing. Forged steel, tempered, surface galvanised

**65722 - Stainless Heavy-Duty Rod Ends - Female**

With integral spherical plain bearing. Stainless steel DIN 12240-4 (AISI 304)

**65724 - Low Cost Rod End - Female**

With teflon bearing race. Low carbon steel, zinc plated for corrosion resistance

**65726 - Stainless Low Cost Rod Ends**

Female. Stainless steel (AISI 303)

**65974 - Spherical Plain Bearings**

Undercut steel 11SMnPb30K (1.0718) turned silver zinc plated

**65990 - Rod End with Stud - Female**

Surface zinc plated. Sizes according to DIN ISO 12240-4 series K

**65996 - Stainless Rod End with Stud**

Male. Stainless steel (AISI 304)

**65600 - Steel Clevis Joints with Pin**

Steel 1.0718 (11SMnPb30k), silver zinc plated

**65612 - Stainless Clevis Joints with Pin**

Left hand thread. Stainless steel (1.4305 AISI 303 X8CrNiS18-9)

[Products](#)

Design Elements >

Rod Ends & Joints **65630 - Steel Clevis Joints**

Steel 1.0718 (11SMnPb30k), silver zinc plated

**65635 - Stainless Clevis Joints**

Stainless steel (1.4305 AISI 303 X8CrNiS18-9)

**65640 - Male Clevis Joints**

Steel (1.0718) silver zinc plated. Similar to DIN 71 752/DIN ISO 8140/CETOP standard

**65641 - Male Clevis Joints**

Left hand thread. Steel (1.0718) silver zinc plated

**65646 - Stainless Male Clevis Joints**

Left hand thread. Stainless steel (1.4305 AISI 303)

**65652 - Mating Piece for Clevis Joints**

Steel (1.0718), silver zinc plated

**65660 - Steel Clevis Pin with Hole**

Sizes 5-14 steel 1.0214 (QST 36-3). Zinc-plated

**65680 - Safety Fastener (SLM)**

Spring steel, silver zinc plated, hardened and annealed 1450 to 1600°C N/mm²

**65684 - Clevis Retention Clips**

Steel (9SMnPb28), spring - carbon steel C70, silver zinc plated

**65142 - Telescopic Universal Joints**

Steel (9SMnPb28, no. 10718, greased). To DIN 808

**65160 - Double Universal Joints**

Steel (9 SMnPb28k, no. 10718). To DIN 808/7551, keyways aligned

**65166 - Stainless Double Universal Joints**

Stainless steel (AISI 304). To DIN 808, maximum bending angle 45° per joint

[≡ Products](#)

Design Elements >

Rod Ends & Joints **65170 - Single Universal Joint**

Steel (9SMnPb28k, no. 10718). To DIN 808/7551

**65186 - Stainless Single Universal Joint**

Stainless steel (AISI 304). To DIN 808, maximum bending angle 45° per joint

**65280 - Bellows**

For single universal joints. Rubber

**65500 - Ball and Socket Joints**

Steel, silver zinc plated, ball stud. Minimum tensile strength Rm=600N/mm². To DIN 71802 form CS, supplied with hexagon nut

**65508 - Ball and Socket Joints**

With flats on housing. Steel (9SMnPb28), silver zinc plated. To DIN 71802 form CS, supplied without hexagon nut

**65520 - Axial Ball and Socket Joints**

Steel, silver zinc plated, ball stud. Minimum tensile strength Rm=600N/mm². Similar to DIN 71802, M14x1,5 is a fine pitch thread

**65524 - Stainless Axial Ball and Socket Joints**

Stainless steel (AISI 303). Similar to DIN 71802, M14x1,5 is a fine pitch thread

**65550 - Threaded Ball Studs**

Low carbon steel (1018), silver zinc plated. To DIN 71803 Form C, M14x1.5 is a fine pitch thread

[≡ Products](#)

Design Elements >

Anti-Vibration, Shock Absorbers & Rollers

**61200 - Anti-Vibration Feet**

Rubber on silver zinc plated steel (rubber hardness - 55 Shore A)

**61202 - Anti-Vibration Feet**

Rubber on silver zinc plated steel (rubber hardness - 55 Shore A)

**61210 - Anti-Vibration Bumpers**

Rubber on silver zinc plated steel (rubber hardness - 55 Shore A)

**61240 - Anti-Vibration Cones - Male**

Rubber on silver zinc plated steel (rubber hardness - 65 Shore A)

**61290 - Anti-Vibration Fail-Safe Mounts**

Rubber on silver zinc plated steel (rubber hardness - 45-75 Shore A)

**61292 - Anti-Vibration Fail-Safe Mounts**

Stainless steel (AISI 304), (rubber hardness 45-65 Shore A)

**61294 - Anti-Vibration Fail-Safe Mounts**

Stainless steel (A4, 316). Rubber hardness 65-75 Shore A

**61350 - Anti-Vibration Mounts**

Ribbed pads. Rubber on zinc plated steel

**61460 - Anti-Vibration Mounts**

Rectangular. Rubber on silver zinc plated steel (rubber hardness - 55 Shore A)

**61700 - Anti-Vibration Bushes**

Metal-rubber. Useful to isolate vibration and reduce noise

**61922 - Spring Vibration Damper - One Spring**

High tensile steel with sylomer anti-slide base

**61930 - Acoustic Ceiling Hangers**

With spring and pad. Zinc plated steel (anti-corrosive treatment) with Sylomer® pad and steel spring

[≡ Products](#)

Design Elements



Anti-Vibration, Shock Absorbers & Rollers

**61931 - Acoustic Suspension Hanger Spring**

Zinc plated steel (anti-corrosive treatment)

**68002 - Shock Absorbers, Self Compensating**

M14 - M20, non adjustable. STKM11A, hardened and blackened

**68004 - Double Cushion Shock Absorbers**

M20, self-compensating, non-adjustable. STKM11A, hardened and blackened

**68012 - Shock Absorbers, Self Compensating**

M8 - M27, non-adjustable. STKM11A, hardened and blackened

**68020 - Shock Absorber, Adjustable**

M14 - M20. STKM11A, hardened and blackened

**67200 - Miniature Ball Transfer Units**

Carbon steel, aluminium or stainless steel housing. Carbon steel or stainless steel balls

**67204 - Acetal Body Ball Transfer Units**

Light duty. Acetal (POM) housing with acetal or stainless (AISI 316) balls

**67220 - Push-Fit Ball Transfer Units**

Medium-duty. Steel or stainless steel

[Products](#)

Design Elements >

Locating, Positioning & Gripping

**34000 - Thrust Screws**

Ball ended, flat. Heat treated steel, 1200 +/-100 N/mm²

**34020 - Thrust Screws - Headed**

Ball ended. Steel or stainless steel

**34041 - Thrust Screws - Ball Ended**

Headless, round ball. Steel or stainless steel

**34042 - Thrust Screws - Ball Ended**

Headless, round ball. Steel or stainless steel

**34043 - Thrust Screws - Ball Ended**

Headless, flat-faced ball. Steel or stainless steel

**34045 - Thrust Screws - Ball Ended**

Headless, flat-faced ball. Steel, heat-treated or stainless steel

**34053 - Thrust Screws - Ball Ended**

Headless, fine thread, flat faced ball. Steel or stainless steel

**34140.1 - Thrust Screws - Brass Pad**

Heat treated steel, 1200 +/-100 N/mm². Brass pad

**34160.1 - Thrust Screws - Plastic Pad**

Heat treated steel, 1200 +/-100 N/mm². Thermoplastic POM, white pad

**34500 - Grub Screws**

With slot or hex end, and thrust point, form S. To DIN 6332. Steel to quality 5.8, thrust point hardened, blackened

**34520 - Thrust Pads**

DIN 6311. Case-hardened steel, spring retainer inserted

**34540 - Grub Screws**

With hex end and ball thrust point. Steel or stainless steel

[≡ Products](#)

Design Elements >

Locating, Positioning & Gripping

**34080 - Self-Aligning Pads**

Hard metal ball, ribbed. Steel, heat-treated, phosphated

**34090 - Self-Aligning Pads**

Heat-treated steel, tempered, phosphated, stainless steel 1.4057, heat-treated

**34100 - Self-Aligning Pads**

Fixed. Steel, heat-treated, phosphated

**34120 - Self-Aligning Pads**

Adjustable. Steel, heat-treated, phosphated

**36000 - Locating Feet**

Threaded shank. Heat-treated steel (DIN 6320), blackened, turned, unhardened

**36220 - Locating and Seating Pins**

Tool steel, hardened, ground. Bearing surface without centre. Produced to DIN 6321

**36240 - Locating Pins**

With bore holes - similar to DIN 6321. Case hardened steel, blackened and ground

**36300 - Seating Pins**

Tool steel (DIN 6321), hardened and ground

**36340 - Location Pins**

Ball end. Tool steel or stainless steel

**36341 - Location Pins - Non-Stepped**

Ball end. Tool steel or stainless steel

**36402 - Threaded Rest Buttons**

Female thread. Free-cutting steel, case-hardened and blackened. Thread not hardened

**36403 - Screwed Rest Buttons - Plastic**

Male thread. Stainless steel 1.4305. Plastic (PEEK) blue pad

[Products](#)

Design Elements >

Locating, Positioning & Gripping

**35300 - Gripper Pads - Carbide**

Round. Solid carbide

**35330 - Grippers - Carbide Tipped**

Round, rear-fixing. Steel body

**35350 - Grippers - Carbide Tipped**

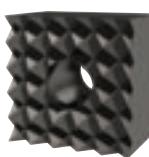
Angled, rear-fixing. Steel body

**35400 - Grippers - Carbide Tipped**

Threaded bolt. Hex. head with solid carbide tipped insert

**35450 - Grippers - Hard Tool Steel**

Round, screw fixing. M2 tungsten-molybdenum high-speed steel, hardened to HRc 60-62

**35460 - Grippers - Hard Tool Steel**

Square, screw fixing. M2 tungsten-molybdenum high-speed steel, hardened to HRc 60-62

**35480 - Grippers - Hard Tool Steel**

Round, front fixing. M2 tungsten-molybdenum high-speed steel, hardened to HRc 60-62

**35490 - Grippers - Hard Tool Steel**

Square, front fixing. M2 tungsten-molybdenum high-speed steel, hardened to HRc 60-62

**35500 - Grippers - Hard Tool Steel**

Angled, rear-fixing. High-speed steel (M2), hardened to HRc 60-62

**35520 - Grippers - Hard Tool Steel**

Edge gripper, front-fixing. Tool steel, hardened to HRc 60-62

**35530.1 - Grippers - Self Aligning - HTS**

Threaded bolt, serrated. Steel, hardened to HRc 43/46, black oxide finish

**35540.3 - Grippers - Self Aligning - Plastic**

Flat. Female thread housing. Steel, hardened to HRc 43/46, black oxide finish

[≡ Products](#)

Design Elements >

Locating, Positioning & Gripping

**35550.1 - Grippers - Self Aligning - HTS**

Serrated, set screw. Steel set screw with hardened tool steel or thermoplastic inserts

**35620 - Grippers - Self Aligning**

Urethane coated threaded bolt. Alloy steel, heat treated to HRc 43-46, black oxide finish

**35640 - Grippers - Self Aligning**

Diamond coated, threaded bolt. Alloy steel, heat treated to HRc 43-46, black oxide finish

Products

Design Elements >

Lifting Pins, Lifting Points & Load Rings

**33400 - Quick Lift Pins - Self Locking**

Heat treated steel, tempered, manganese phosphated. Easy installation with plain drilled hole to H11 tolerance

**33420 - Quick Lift Pins - Self Locking**

Stainless steel 1.4542 (AISI 630), precipitation hardened. Easy installation with plain drilled hole to H11 tolerance

**33424 - Lifting Pins - Self-Locking**

With t-handle. Stainless steel 1.4542, (AISI 630) precipitation hardened

**33425 - Quick Lift Pins - Threaded**

Double swivel - metric. Steel or stainless steel

**33430 - Quick Lift Pins - Threaded**

Metric. Steel or stainless steel

**33440 - Locating Bushes - for Quick Lift Pins**

Stainless steel 1.4542 (AISI 630), precipitation hardened

**33442 - Locating Bushes - Plain**

For quick lift pins no.'s 33400 and 33420. Stainless steel 1.4542, (AISI 630) precipitation hardened

**63020 - Swivel Eye Bolts - Male**

High tensile steel, strength class >8. Supplied with CE certificate

**63022 - Swivel Eye Bolts - Male**

Stainless steel 316L. Supplied with CE certificate

**63050 - Double Swivel Rings - Male**

High tensile steel, strength class >8. Supplied with CE certificate

**63080 - Double Swivel Shackles - Male**

High tensile steel, strength class >8. Supplied with CE certificate

**63082 - Mega Double Swivel Shackles - Male**

High tensile steel, strength class >8. Supplied with CE certificate

 **Products**



Design Elements >

Lifting Pins, Lifting Points & Load Rings 

 **Wixroyd**
AN ESSENTRA COMPANY



63084 - Double Swivel Shackle Nuts - Female

High tensile steel, strength class >8. Supplied with CE certificate

 **Wixroyd**
AN ESSENTRA COMPANY



63200 - Stainless Double Swivel Rings

High tensile stainless steel (316L), strength class >8. Supplied with CE certificate

 **Wixroyd**
AN ESSENTRA COMPANY



63210 - Stainless Double Swivel Rings

High tensile stainless steel (316L), strength class >8. Supplied with CE certificate

 **Wixroyd**
AN ESSENTRA COMPANY



63501 - Lifting Points - Double Swivel - Male

Standard bar, metric, coarse. Forged alloy steel (4140), min. tensile strength 180,000psi. Black oxide coated

 **Wixroyd**
AN ESSENTRA COMPANY



63571 - Lifting Points - Double Swivel - Male

Standard bar, metric, coarse. Stainless steel, 300 series

[≡ Products](#)

Design Elements >

PEEK Fasteners **WN0500.HP - Cap Head Hexagon Socket**

Polyether ether ketone (PEEK). Blue. With x-ray opaque or metal detectable filler for optical detection

**WN0500.MP - Cap Head Hexagon Socket**

Polyether ether ketone (PEEK). Green. For medical industry applications

**WN0500.NP - Cap Head Hexagon Socket**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**WN0501.NP - Hexagonal Head Set Screw**

Natural polyether-ether-ketone (PEEK). Generally to DIN 93. UL94-V0 compliant

**WN0502.NP - Hexagon Nuts**

Natural polyether-ether-ketone (PEEK). Beige. Generally to DIN 934. UL94-V0 compliant

**WN0503.NP - Female-Female Hexagon Spacers**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**WN0504.NP - Male-Female Hexagonal Spacers**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**WN0507.NP - Set Screws**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**WN0508.NP - Ultra Low Head Cap Screws**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**WN0509.NP - Torx Low Cap Head Screws**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**WN0510.NP - Washers**

Natural polyether-ether-ketone (PEEK). Beige. Generally to DIN 125. UL94-V0 compliant

**WN0511.NP - Low Cap Head Hex Socket Screws**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

[≡ Products](#)[Design Elements](#)[PEEK Fasteners](#)**WN0512.NP - Slotted Cheese Head Screw**

Natural polyether-ether-ketone (PEEK).
Beige. UL94-V0 compliant

**WN0513.NP - Torx Ultra Low Head Screws**

Natural polyether-ether-ketone (PEEK).
Beige. UL94-V0 compliant

**WN0514.NP - Countersunk Hexagon Head Screws**

Natural polyether-ether-ketone (PEEK).
Beige. Generally to DIN 7991

**WN0515.NP - Torx Countersunk Head Screws**

Natural polyether-ether-ketone (PEEK).
Beige. UL94-V0 compliant

**WN0520.NP - Torx Pan Head Screws**

Natural polyether-ether-ketone (PEEK).
Beige. UL94-V0 compliant

**WN0530.NP - Cap Head Vented Screws**

Natural polyether-ether-ketone (PEEK).
Beige. UL94-V0 compliant

Access Components

Our **Access Components** range provides secure closure, controlled movement and user-friendly operation for enclosures, machinery and equipment across all industries. From **cam latches** and **locks** that deliver reliable sealing and tamper resistance, to **swing and paddle latches** that offer quick, intuitive access, each component is built for durability and ease of use. Precision-engineered **hinges** and **dampers** enable smooth, controlled opening and closing, while **stays** hold panels or doors safely in

position during maintenance or inspection. **Catches** and **draw latches** ensure firm, vibration-resistant fastening where consistent closure is essential. Whether upgrading an enclosure or designing a new access system, our access components offer the security, convenience and long-term performance needed for dependable equipment access.

Our broad range of components designed to enhance access applications include;

- Cam latches & locks
- Swing & paddle latches
- Hinges & dampers
- Stays
- Catches & draw latches



[≡ Products](#)

Access Components



Cam Latches & Locks

**A1003 - Cam Latches - Flexi-System**

Fully interchangeable parts, allowing for a completely flexible hardware system. Die cast zinc with black powder coating or chrome plate finish

**A2003 - Cam Locks - Snap In - Flexi-System**

Cylinder cam lock with fixed grip and easy snap on fix mounting. Die cast zinc with chrome plate finish. Plastic grip

**A1161 - Cam Latches - Flexi-System**

Padlock wing handle locks with quarter turn. Design accommodates two different padlock sizes. Die cast zinc. Black powder coating or chrome plate finish

**A1041 - Cam Latches - Flexi-System**

Fixed grip. Spring loaded cam provides depress-to-lock action. Right and left hand types. Die cast zinc with bright chrome plate finish

**A1601 - Compression Latches - Flexi-System**

Fixed grip. Provides sealing of enclosures to reduce vibrations. Die cast zinc with black powder coating or chrome plate finish

**A1611 - Compression Latches - Flexi-System**

Adjustable grip type with extended stem which can be cut to suit application. Die cast zinc with black powder coating or chrome plate finish

**A1661 - Mini Compression Latches**

Ideal for food industry and kitchen ventilation, or where space is at a premium. Adjustable grip. Die cast zinc, black paint coated

**A1667 - Mini Compression Latches - Wing Handle**

Adjustable grip type with extended stem which can be cut to suit application. Die cast zinc, black paint coated

**A1810 - Compression Locks - T-Handle**

Adjustable grip type with extended stem which can be cut to suit application. Die cast zinc, nanometer coated

**A1801 - Compression Locks - T-Handle - Flexi-System**

Fixed grip. Two lock types available. Die cast zinc, nanometer coated

**A1251 - Cam Latches - Flexi-System**

Extended body. Ideal for air conditioning units, soundproof or isolation doors, as well as wooden panels. Die cast zinc, chrome plated

**A1181 - Cam Latches - Wing Handle - Flexi-System**

Fixed grip. Wing actuates lock and acts as a handle. Die cast zinc with black plastic handle

[≡ Products](#)

Access Components



Cam Latches & Locks

**A1203 - Cam Latches - Finger Handle - Flexi-System**

Fixed grip. Finger knob actuates lock, and also acts as a handle. Die cast zinc with black powder coated finish or polyamide options

**A2503 - Cam Locks - T-Handle - Flexi-System**

Fixed grip. Two key types available. Die cast zinc with black powder coating or chrome plate finish

**A2523 - Cam Locks - L-Handle - Flexi-System**

Fixed grip. Two key types available. Die cast zinc with black powder coating, chrome plate or stainless steel finish

**A2526 - Cam Locks - L-Handle - Flexi-System**

Padlockable. Reversible housing allows for left or right hand turning of handle. Die cast zinc with black coated finish, or stainless steel option

**A2001 - Cam Locks - Flexi-System**

Fixed grip. Three key types available. Die cast zinc with black powder coating or chrome plate finish. Polyamide option available

**A1021 - Cam Latches - Flexi-System**

Fixed grip. Ideal when water or other solutions may cause corrosion. Black polyamide

**A2005 - Cam Locks - Snap On**

Easy snap on fix mounting. Two key types available. Die cast zinc with chrome plate finish

**A2203 - Cam Locks - Wing Handle**

Fixed grip. Two key types available. Wings act as actuation handle. Die cast zinc with black powder coating or chrome plate finish

**A2324 - Cam Locks - Clip Fixing**

Fixed grip. One key type available. Die cast zinc with black powder coating

**A2326 - Mini Cam Locks**

Fixed grip. Can be manipulated to give 90° or 180° lock rotation, and to change direction of rotation. Two key types available. Plastic and stainless steel

**A2328 - Mini Cam Locks**

Fixed grip. The cam extends to lock and retracts to open. One key type available. Die cast zinc with black painted finish

**A2393 - Mini Cam Locks - Wing Handle**

Fixed grip. One key type available. Die cast zinc with black coating or chrome plate finish

[≡ Products](#)

Access Components



Cam Latches & Locks

**A2504 - Cam Locks - T-Handle - Long Body**

Fixed grip. No lock. Die cast zinc with black powder coating

**A1103 - Cam Latches - Flexi-System**

Fixed grip. Maximum strength and corrosion resistance. Various insert driver types. Supplied with nut and sealing washer. Stainless steel

**A2331 - Mini Cam Locks**

Fixed grip. Ideal for use in metal cabinets, drawers and machinery covers. Compact size. Two key types available. Die cast zinc with white zinc plate finish

**A2333 - Mini Cam Locks**

Fixed grip. Ideal for use in metal cabinets, drawers and machinery covers. Compact size. Two key types. Die cast zinc with bright chrome plate finish

**A2342 - Cam Locks - Radial Key**

Fixed grip. Radial key offers extra security. Die cast zinc with bright chrome plate finish

**A2390 - Mini Cam Locks - Wing Handle**

Fixed grip. One key type. Black painted ZDC housing and handle, white zinc plated cam. Black coating or chrome plate finish

**A2392 - Mini Cam Locks - Wing Handle**

Fixed grip. One key type. Die cast zinc with black coating or chrome plate finish

**A1261 - Mini Cam Latches**

Fixed grip. Two insert driver options. Die cast zinc with black powder coating or chrome plate finish

**A1281 - Mini Cam Latches - Wing Handle**

Fixed grip. Wing actuates lock, and also acts as handle. Die cast zinc with black powder coating or chrome plate finish

[Products](#)

Access Components



Swing Handles & Paddle Latches

**B1281 - Swing Handles - Cam Control**

Standard cylinder. With two keys. Universal left or right. For electrical cabinets, telecom racks or enclosures. 2mm max. panel thickness. Polyamide

**B4752 - Push-To-Close Paddle Latches**

Pull to open. Spring loaded, slam action handle. Fitting via mounting bracket. Universal left or right. For use of inside cabinet gaskets. Stainless steel

**B4800 - Twist-To-Close Paddle Latches - Snap On**

Recessed handle. Standard cylinder lock. Easy snap on fix mounting. For panel thickness of 1-1.5mm. For cupboards, cabinets or enclosures. Polyamide

**B1086 - Swing Handles - Cam Control**

Standard cylinder lock. With dust cover. 90° handle rotation. Provides higher strength due to material. Universal left or right. Die cast zinc

**B1285 - Swing Handles - Cam Control**

Standard cylinder lock. Padlockable. Order cam separately. Provides higher strength due to material. Die cast zinc

**B2082 - Swing Handles - Rod Control**

40mm Euro cylinder lock. With dust cover. All locks are keyed alike. 90° handle rotation. Provides higher strength due to material. Die cast zinc

**B2088 - Swing Handles - Rod Control**

40mm Euro cylinder lock. With dust cover. All locks are keyed alike. 90° handle rotation. Provides higher strength due to material. Die cast zinc

**B2084 - Swing Handles - Rod Control**

Magnetic key - ensures mechanism is never exposed. Universal left or right hand locking is achievable. Supplied with cam. Die cast zinc

**B2091 - Swing Handles - Rod Control**

40mm Euro cylinder lock. Dust cover. Keys - two per lock. For two point latching. Available with radial pin lock. Universal left or right. Die cast zinc

**B4703 - Push-To-Close Paddle Latches**

Standard cylinder lock. Pull to open. Spring loaded, slam action handle. Steel

**B4713 - Push-To-Close Paddle Latches**

Standard cylinder lock. Pull to open. Slam action handle. Universal left or right. For inside of cabinet gasket. Steel

**B4733 - Push-To-Close Paddle Latches**

Standard cylinder lock. Pull to open. Slam action handle. Steel

[≡ Products](#)

Access Components >

Swing Handles & Paddle Latches

**B4750 - Push-To-Close Paddle Latches**

Standard cylinder lock. Pull to open.
Spring loaded, slam action handle.
Stainless steel

**B4756 - Push-To-Close Paddle Latches**

Standard cylinder lock. Pull to open.
Spring loaded, slam action handle.
Stainless steel

**B4758 - Push-To-Close Paddle Latches**

Standard cylinder lock. Pull to open.
Spring loaded, slam action handle.
Universal left or right. Stainless steel

[Products](#)

Access Components



Hinges & Dampers

**S0050 - Surface Mount - Piano Hinges**

Weld-on. Stainless steel, satin finish

**S0100 - Surface Mount - Piano Hinges**

Screw mount. Stainless steel, satin finish

**S0220 - Surface Mount - Pivot Hinges**

Max. door weight 2.6kg per pair. Left and right hand type. Stainless steel, satin finish

**S0240 - Surface Mount - Pivot Hinges**

Max. door weight; 1.8kg per pair. Left and right type. Stainless steel, satin finish

**S0462 - Surface Mount - Leaf Hinges**

Screw mount. Opening angle 180°. Stainless steel

**S0466 - Surface Mount - Leaf Hinges**

Screw mount. Opening angle 180°. Stainless steel

**S0523 - Surface Mount - Leaf Hinges**

Screw mount. For plain/flush mounted doors, electrical panels and covers. Opening angle 180°. Stainless steel

**S0561 - Surface Mount - Leaf Hinges**

Screw mount. For plain/flush mounted doors, panels and covers. Opening angle 180°. Die cast zinc with black powder coating or chrome plate finish

**S0700 - Surface Mount - Leaf Hinges**

Screw mount. Stainless steel, polished. With polyacetal bushing

**S0720 - Surface Mount - Leaf Hinges**

Screw mount. Stainless steel, polished

**S0818 - Surface Mount - Leaf Hinges**

Screw mount. Opening angle 180°. For plain/flush mounted, isolated heavy doors, as well as electrical panels and covers. Stainless steel, polished

**S0822 - Surface Mount - Leaf Hinges**

Screw mount. Opening angle 180°. Stainless steel, polished

Products

Access Components



Hinges & Dampers

**S1101 - Surface Mount - Leaf Hinges**

Integrated stud mount. For plain/flush mounted doors, panels and covers. Opening angle 180°. Die cast zinc with black powder coating

**S1102 - Surface Mount - Leaf Hinges**

Rear front mount. For plain/flush mounted doors, panels and covers. Die cast zinc with black powder coating or chrome plate finish

**S1120 - Surface Mount - Leaf Hinges**

Integrated stud mount. For plain/flush mounted doors, panels and covers. Opening angle 270°. Polyamide

**S1130 - Surface Mount - Leaf Hinges**

Integrated stud mount. Opening angle 180°. For plain/flush mounted doors, as well as electrical panels and covers. Die cast zinc with black powder coating

**S1131 - Surface Mount - Leaf Hinges**

Screw mount. Opening angle 180°. Die cast zinc with black powder coating

**S1136 - Surface Mount - Leaf Hinges**

Integrated stud mount. Opening angle 180°. Die cast zinc with black powder coating or chrome plate finish

**S1170 - Surface Mount - In-Line Hinges**

Integrated stud mount. Side mounting for electrical panels and covers. Opening angle 180°. Steel with bright chrome plate finish

**S1903 - Corner Hinges - 19-21mm - Door Return**

For sheet metal and enclosures with a 19-21mm door return, up to 2mm thick. Max. opening angle 180°. Stainless steel, polished

**S1901 - Corner Hinges - 19-24mm - Door Return**

For sheet metal and enclosures with a 19-24mm door return and panel thickness 1.5-2mm. Opening angle 180°. Die cast zinc, black powder coated

**S1911 - Corner Hinges - 24-26mm - Door Return**

For sheet metal and enclosures with a 24-26mm door return, up to 3mm thick. Max. opening angle 180°. Die cast zinc, black powder coated

**S1921 - Corner Hinges - 17mm - Door Return**

For sheet metal and enclosures with a 17mm door return, up to 2mm thick. Max. opening angle 180°. Die cast zinc, black powder coated

**S1926 - Corner Hinges - 24mm - Door Return**

For sheet metal and enclosures with a 24mm frame off-set, up to 2mm thick. Max. opening angle 180°. Die cast zinc, black powder coated

[Products](#)

Access Components



Hinges & Dampers

**S1928 - Corner Hinges - 24-26mm - Door Return**

For sheet metal and enclosures with a 24-26mm door return, up to 3mm thick. Max. opening angle 180°. Die cast zinc, black powder coated

**S1941 - Corner Hinges - 25.5mm - Door Return**

For sheet metal and enclosures with a 25.5mm door return, up to 2mm thick. Max. opening angle 180°. Die cast zinc, black powder coated

**S1942 - Corner Hinges - 25mm - Door Return**

For sheet metal and enclosures with a 25.5mm door return, up to 2mm thick. Max. opening angle 180°. Die cast zinc, black powder coated

**S2010 - Surface Mount - Double Pivot Hinges**

Screw mount. Universal left and right swing of 180°. Max. door weight 2.6kg per pair. Stainless steel, satin finish

**S2300 - Lift-Off Hinges - Off-Set**

Screw mount. Stainless steel, polished

**S2314 - Lift-Off Hinges - Off-Set**

Screw mount. Opening angle 180°. Left and right type. Stainless steel

**S2316 - Lift-Off Hinges - Off-Set**

Screw mount. Opening angle 180°. Left and right hand type. Stainless steel

**S2320 - Lift-Off Hinges - Off-Set**

Screw mount. Opening angle 180°. Stainless steel, polished

**S2340 - Lift-Off Hinges - Off-Set**

Weld-on type. Left and right hand type. Stainless steel, polished

**S2404 - Lift-Off Hinges - Off-Set**

Bolt-on type. Opening angle 180°. Concealed mounting screws prevent external access to the hinge. Die cast zinc with black powder coating

**S2406 - Cabinet Hinges**

Left and right hand type. Opening angle 180°. Die cast zinc

**S2500 - Lift-Off Hinges - In-Line**

Bolt-on type. Universal left and right hand opening doors. Opening angle 180°. Die cast zinc with black powder coating or chrome plate finish

[≡ Products](#)

Access Components



Hinges & Dampers

**S2105 - Concealed Pivot Hinges - Lift Off**

Suited to sheet metal and enclosures with 22-25mm door return. Welded & screwed to encl. body. Max. opening angle 120° or 90°. Steel, zinc plated

**S2115 - Concealed Pivot Hinges - Lift Off**

Suited to sheet metal and enclosures with 23mm door return. Welded and screwed to enclosure body. Max. opening angle 180°. Steel, zinc plated

**S2121 - Concealed Pivot Hinges - Lift Off**

Suited to sheet metal and enclosures with 20-24mm door return. Welded and screwed to frame. Max. opening angle 120°. Steel, zinc plated

**S2125 - Concealed Pivot Hinges - Lift Off**

Suited to sheet metal and enclosures with 20-24mm door return. Welded and screwed to enclosure body. Max. opening angle 120°. Steel, zinc plated

**S2153 - Concealed Pivot Hinges - Lift Off**

Suited to sheet metal and enclosures with 22mm door return. Welded and screwed to enclosure body. Max. opening angle 110°. Die cast zinc

**S2176 - Concealed Pivot Hinges - Lift Off**

Suited to sheet metal and enclosures with 21mm door return. Welded and screwed to enclosure body. Opening angle 120°. Steel

**S2200 - End Mount Concealed Pivot Hinges**

Spring loaded for self-closing. Lift pin for easy installation and removal. Left and right type. Max. opening angle 100°. Stainless steel

**S2202 - End Mount Concealed Pivot Hinges**

Spring loaded. Spring body can be welded, or screw mounted. Left and right type. Max. opening angle 100°. Steel, zinc plated

**S2205 - End Mount Concealed Pivot Hinges**

Spring loaded. Welded or screw mounted to enclosure body. Max. opening angle 110°. Steel, zinc plated

**S2212 - End Mount Concealed Pivot Hinges**

Spring loaded. Snap fit. Ideal for sheet metal doors, cabinets and machinery covers. Max. opening angle 110°. Polyamide

**S2250 - Concealed Pivot Hinges - Integral Stay**

Screw mount. Ideal for removal of machine/equipment covers for maintenance. Suitable for doors up to 10kg. Stainless steel

**S2260 - Recessed Fitting - Snap-On Easy Mount**

Screw mount. Snap on feature allows for easy installation and removal of door panel. Max. opening angle 95°. Steel, nickel plated

[Products](#)

Access Components



Hinges & Dampers

**S4000 - Constant Torque - Friction Hinges**

Screw mount. Designed for holding lid/door in position. Ideal for corrosive environments. Stainless steel, polished

**S4002 - Adjustable Torque - Friction Hinges**

Screw mount. Suitable for left and right hand application. Opening angle 160°. Polyamide, black finish

**S4006 - Constant Torque - Friction Hinges**

Screw mount. Friction torque hinge holds lids/covers over free stop angle between 0-180°. Stainless steel

**S4016 - Constant Torque - Friction Hinges**

Screw mount. Designed for holding monitors, displays in position. Ideal for corrosive environments. Torque range 180°. Stainless steel, polished

**S4020 - Constant Torque - Friction Hinges**

Screw mount. Ideal for mounting of monitors, cameras, screens and displays. Consistent torque for free stop angle between 0-180°. Stainless steel

**S4022 - Constant Torque - Friction Hinges**

Screw mount. Ideal for mounting of monitors, cameras, screens and displays. Opening angle 360°. Stainless steel

**S4030 - Constant Torque Dual-Axis Friction Hinges**

Screw mount. Ideal for mounting of monitor screens. Tilting angle 120°. Stainless steel

**S4032 - Constant Torque Dual-Axis Friction Hinges**

Screw mount. Ideal for mounting of monitor screens. Tilting angle 120°. Stainless steel

**S4200 - Spring Hinges - High Tension**

Screw mount. Opening and closing spring tension types. Left and right hand options. Stainless steel, polished

**S3810 - Friction Hinges**

Symmetric torque type. Shaft rotation 360°. Steel with nickel plate finish

**S3820 - Friction Hinges**

Asymmetric and symmetric torque types available. Left and right hand types. Shaft rotation 360°. Zinc alloy steel with natural finish

**S3824 - Friction Hinges**

Asymmetric and symmetric torque types available. Left and right hand types. Shaft rotation 360°. Steel and zinc with natural finish

[≡ Products](#)

Access Components



Hinges & Dampers

**S3850 - Friction Hinges - Natural - Symmetric**

Asymmetric and symmetric torque types available. Shaft rotation 270°. Plain or countersunk mounting types. Zinc alloy steel with natural finish

**S3852 - Friction Hinges - Black**

Asymmetric and symmetric torque types available. Shaft rotation 270°. Plain or countersunk mounting types. Zinc alloy steel with black paint finish

**S3854 - Friction Hinges - Natural & Black**

Asymmetric and symmetric torque types available. Shaft rotation 270°. Steel and zinc with natural or black paint finish

**S3830 - Friction Hinges**

Asymmetric and symmetric torque types available. Left and right hand types. Shaft rotation 270°. Zinc alloy steel with natural finish

**S3834 - Friction Hinges**

Asymmetric and symmetric torque types available. Left and right hand types. Shaft rotation 270°. Zinc alloy steel with natural finish

**S3840 - Friction Hinges**

Asymmetric and symmetric torque types available. Shaft rotation 270°. Plain or countersunk mounting types. Zinc alloy steel with natural finish

**S3844 - Friction Hinges**

Asymmetric and symmetric torque types available. Left and right hand types. Shaft rotation 270°. Steel and zinc with natural finish

**S3870 - Friction Hinges**

Symmetric torque type. Shaft rotation 90-360°. Steel with nickel plate finish

**T2000 - Glass Door Hinges - Inset Type**

For door thickness 4-6mm. Stainless steel, polished

**T2020 - Glass Door Hinges - Half Overlay Type**

For door thickness 4-6mm. Stainless steel, polished

**T2040 - Glass Door Hinges - Half Overlay Type**

With catch. For door thickness 4-6mm. Max. door weight 4kg per pair. Stainless steel with plastic body and chrome, brass or black finish

**T2106 - Glass Door Hinges - Size 26**

Overlay type. Hydraulic based soft close device. Opening angle 110°. Steel with chrome or gold finish

[Products](#)

Access Components



Hinges & Dampers

**T2200 - Glass Door Hinges - Glass-To-Glass Type**

For door thickness 5-8mm. Max. door weight 15kg per pair. Brass with nickel, chrome or gold finish

**T2220 - Glass Door Hinges - Inset Type**

For door thickness 5-8mm. Max. door weight 15kg per pair. Brass with nickel, chrome or gold finish

**T2260 - Glass Door Hinges - Set Screw Mount**

For door thickness 4-8mm. Stainless steel, polished

**T2300 - Glass Door Hinges - Inset Type**

For door thickness 5-8mm. Max. door weight 12kg per pair. Stainless steel polished

**T2400 - Glass Door Hinges - Inset Type**

Left and right hand types. To be used in pairs. Steel with black finish

**T4101 - Glass Door Locks**

For glass thickness 4-8mm. Ideal for glass cabinets and showcases. Easy installation. Zinc alloy

**Q3000 - Rotary Dampers**

Bi-directional. Continuous rotation. Up to 40 gf.cm. Polycarbonate

**Q3020 - Rotary Dampers**

Bi-directional. Continuous rotation. With or without gear options. Up to 100 gf.cm. Polycarbonate

**Q3022 - Rotary Dampers**

Bi-directional. Continuous rotation. Up to 150 gf.cm. Polyacetal and polycarbonate

**Q3026 - Rotary Dampers**

Bi-directional. Continuous rotation. With gear. Up to 50 gf.cm. Thermoplastic and polyacetal

**Q3027 - Rotary Dampers**

Bi-directional. Continuous rotation. With gear. Up to 50 gf.cm. Thermoplastic and polyacetal

**Q3028 - Rotary Dampers**

Bi-directional. Continuous rotation. With gear. Up to 50 gf.cm. Polycarbonate and polyacetal

[≡ Products](#)

Access Components



Hinges & Dampers

**Q3029 - Rotary Dampers**

Bi-directional. Continuous rotation.
With gear. Up to 150 gf.cm.
Thermoplastic and polyacetal

**Q3031 - Rotary Dampers**

Bi-directional. Continuous rotation.
With gear. Up to 150 gf.cm.
Polycarbonate and polyacetal

**Q3032 - Rotary Dampers**

Bi-directional. Continuous rotation.
With gear. Up to 100 gf.cm.
Polycarbonate and polyacetal

**Q3033 - Rotary Dampers**

Bi-directional. Continuous rotation.
With gear. Up to 150 gf.cm.
Thermoplastic and polyacetal

**Q3036 - Rotary Dampers**

Bi-directional. Continuous rotation.
With gear. Up to 50 gf.cm. Polycarbonate
and polyacetal

**Q3040 - Rotary Dampers**

Uni and bi-directional. Continuous
rotation. With or without gear option. Up
to 300gf.cm. Polycarbonate

**Q3042 - Rotary Dampers**

Bi-directional. Continuous rotation.
Clockwise and anti-clockwise damping
direction. With gear. Up to 120 gf.cm.
Polycarbonate and polyacetal

**Q3044 - Rotary Dampers**

Bi-directional. Continuous rotation.
With gear. Up to 400 gf.cm.
Thermoplastic and polyacetal

**Q3060 - Rotary Dampers**

Uni and bi-directional. Continuous
rotation. With or without gear. Up to 1500
gf.cm. Polycarbonate and polyacetal

**Q3150 - Toothed Rack -
Module 0.5 to 1.0**

Rigid type. Module 0.5 to 1.0. For use
with rotary dampers Q3000 to Q3060.
Plastic

**Q0400 - Torque Dampers**

Ideal for special purpose machines, air
conditioning units. Uni-directional. 115°
operation angle. Stainless steel body,
plastic shaft

**Q0420 - Torque Dampers -
Compact**

Uni-directional. Operating angle 120°.
Clockwise and anti-clockwise types.
Torque up to 25.5 kgf/cm. Stainless steel

[≡ Products](#)

Access Components



Hinges & Dampers

**Q0422 - Torque Dampers - Compact**

Uni-directional. Operating angle 110°. Clockwise and anti-clockwise types. Torque up to 30 kgf. Stainless steel

**Q0430 - Torque Dampers**

Uni-directional. Operating angle 125°. Clockwise and anti-clockwise types. Torque up to 30.6 kgf/cm. Stainless steel

**Q0440 - Torque Dampers - Compact**

Uni-directional. Operating angle 120°. Clockwise and anti-clockwise types. Torque up to 25.5 kgf/cm. Stainless steel

**Q0460 - Torque Dampers - Compact**

Uni-directional. Operating angle 115°. Clockwise and anti-clockwise types. Torque up to 18 kgf/cm. Polybutylene terephthalate

**Q0462 - Torque Dampers - Compact**

With keyway. Uni-directional. Operating angle 110°. Clockwise and anti-clockwise types. Torque up to 30 kgf/cm. Polybutylene terephthalate

**Q1000 - Soft Closing Hinge Set - Complete**

With torque dampers. Operating angle 115°. Clockwise and anti-clockwise types. Torque up to 70 kgf/cm. Stainless steel with plastic cap

**Q1002 - Soft Closing Hinge - Complete**

With torque dampers. Operating angle 115°. Clockwise and anti-clockwise types. Torque up to 140 kgf/cm. Stainless steel with plastic cap

**Q1010 - Soft Closing Hinge Set - Complete**

With torque dampers. Operating angle 115°. Torque up to 51 kgf/cm. Stainless steel

**Q1050 - Soft Closing Hinge Set - Complete**

With torque dampers. Face plate available. Operating angle 115°. Torque up to 50 kgf/cm. Aluminium hinge set, plastic face plate

**Q1060 - Soft Closing Hinge Set - Complete**

With torque dampers. Face plate available. Operating angle 115°. Torque up to 81 kgf/cm. Aluminium hinge set, plastic face plate

**Q3200 - Disk Dampers**

Bi-directional. Continuous rotation. Torque up to 47 kgf. Iron

**Q3220 - Disk Dampers**

Bi-directional. Continuous rotation. Torque up to 87 kgf. Steel

≡ Products

Access Components >

Hinges & Dampers

**Q3240 - Disk Dampers**

Uni-directional. Continuous rotation.
Clockwise or counter-clockwise damping
direction options. Torque up to 55 kgf.
Iron

**Q3260 - Disk Dampers**

Uni-directional. Continuous rotation.
Clockwise or counter-clockwise damping
direction options. Torque up to 85 kgf.
Iron

Products

Access Components



Stays

**N0060 - Short Arm Soft-Opening Stays**

For downward opening lid. 90° opening angle. With or without catch types. Suitable for low height applications. Zinc alloy, bright nickel finish. Plastic body

**N0080 - Soft-Closing Stays - for Top Opening Lid**

For top opening lids. 80-100° opening angle. Longer arm for high load capacity. Zinc alloy steel with bright nickel finish in white or black. Plastic body

**N0100 - Soft-Closing Stays - for Downward Opening Lid**

For downward opening lids. 90° opening angle. Right or left type. Zinc alloy steel with bright nickel finish

**N0070 - Soft-Opening Stays - for Downward Opening Lid**

For downward opening lid. 90° opening angle. Longer arm for high load capacity

**N0200 - Soft-Closing Stays - for Top Opening Lid**

For top opening lids. 70-105° opening angle. Right or left type. Zinc alloy steel with bright nickel finish

**N0350 - Soft-Closing Stays - for Upward Opening Lid**

For upward opening lids. 80-100° opening angle. Right or left type. Zinc alloy steel with bright nickel finish

**N0420 - Heavy Duty Soft-Opening Stays**

For downward opening lids. 90° opening angle. Light, medium or heavy duty. Zinc alloy steel with bright nickel finish. Plastic body

**N0440 - Heavy Duty Soft-Close Stays**

For top opening lids. 70° opening angle. Light, medium or heavy duty. Zinc alloy steel with bright nickel finish. Plastic body

**N0460 - Heavy Duty Soft-Close Stays**

For upward opening lids. 90° opening angle. Light, medium, heavy or super duty. Zinc alloy steel with bright nickel finish. Plastic body

**N0500 - Lid Stays - Positive Stop**

Positive stop keeps lid open. Universal right or left hand application. 75-120° opening angle options. Stainless steel, satin finish

**N0620 - Lid Stays**

For dust sensitive areas and clean rooms. Universal right or left hand application. 90° opening angle. Stainless steel with polyacetal bushing

**N0855 - Lid Stays - Upward Opening Lid**

Ideal for screw or weld-on mounting. Right or left hand type. Steel, chrome plated

Products

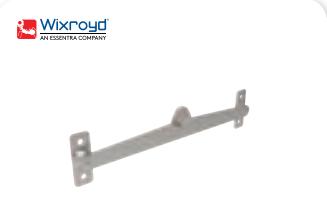
Access Components



Stays

**N0857 - Lid Stays - Upward Opening Lid**

Ideal for screw or weld-on mounting. Right or left type. Steel, bright chrome plated

**N0859 - Lid Stays - Upward Opening Lid**

Ideal for screw or weld-on application. Universal right and left hand application. Steel, chrome plated

**N0900 - Spring Loaded Lid Stays**

Spring mechanism assists lifting door and holds open position. Stainless steel, satin finish

**N0930 - Lid Stays - Locking**

When fully extended, stay is mechanically locked. Universal right or left hand application. 80° opening angle. Stainless steel.

**N0940 - Lid Stays - Positive Stop**

Positive stop keeps lid open. Universal right or left hand application. 80° opening angle. Stainless steel

**N0952 - Lid Stays - Heavy Duty**

Right or left hand versions available. Ideal for screw or weld-on mounting. Steel, zinc plated

**N0956 - Lid Stays - Heavy Duty**

Ideal for screw or weld-on mounting. Right or left type. Stainless steel

**N0982 - Lid Stays**

Universal right or left hand application. Stainless steel

**N0984 - Lid Stays - Positive Stop**

Stay length can be adjusted from 134mm to 184mm. Positive stop keeps lid open. Universal right or left hand application. Stainless steel

**N2100 - Door Stays**

Mechanically locks door at fully open position. Right or left type. 100° opening angle. Stainless steel, polished

**N2000 - Door Stays - Multi-Stop**

Hold handle open at multiple angles. 90° opening angle. Stainless steel with polyacetal latch

**N2020 - Mini-Door Closer**

Suitable for small, lightweight doors. Soft closing. Right or left type. 90° opening angle. Stainless steel

[≡ Products](#)[Access Components](#)[Stays](#)**N2050 - Door Stays - Foot Release**

Mechanically locks door when fully open. 100° opening angle. Steel with yellow zinc plating

**N2120 - Door Stays**

Ideal for screw or weld-on mounting. Right or left type. Steel, chrome plated

**N2200 - Door Stays - Heavy Duty**

100° opening angle. Suitable for heavy duty horizontal door applications. Right and left versions available. With or without lock release wire. Stainless steel

Products

Access Components



Catches & Draw Latches

**E2200 - Touch Latches - Non-Magnetic**

For overlay doors. Plastic body with white, brown or black finish

**E2400 - Touch Latches - Non-Magnetic**

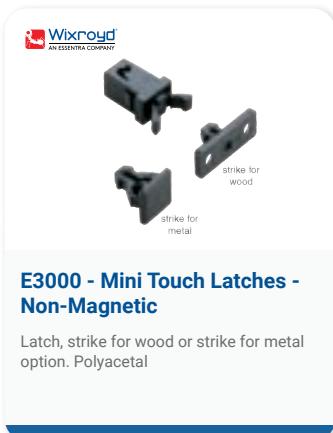
For overlay doors. Plastic body with black finish

**E2600 - Touch Latches - Non-Magnetic**

Polycarbonate

**E2800 - Touch Latches - Non-Magnetic**

ABS plastic housing. Polyacetal slide steel strike, arm and yoke

**E3000 - Mini Touch Latches - Non-Magnetic**

Latch, strike for wood or strike for metal option. Polyacetal

**E3010 - Multi-Touch Latches**

Nylon and polyacetal

**E3012 - Multi-Touch Latches**

Nylon and polyacetal

**E3014 - Multi-Touch Latches**

Suitable for panel thickness 2.1mm. Nylon and polyacetal

**E3016 - Multi-Touch Latches**

Suitable for panel thickness 2.0mm. Nylon and polyacetal

**E3030 - Multi-Touch Latches**

Suitable for panel thickness 2.0mm. Nylon and polyacetal

**E3040 - Multi-Touch Latches**

Suitable for panel thickness 2.1mm. Nylon and polyacetal

**E3050 - Multi-Touch Latches**

Suitable for panel thickness 2.2mm. Nylon and polyacetal

[Products](#)

Access Components



Catches & Draw Latches

**E3052 - Multi-Touch Latches**

Suitable for panel thickness 2.0mm.
Nylon and polyacetal

**E3070 - Multi-Touch Latches**

Suitable for panel thickness 0.8-1.6mm.
Catch body and strike supplied as pair.
Polyacetal catch and strike body. Steel
strike outer spring

**E3200 - Multi-Touch Latches**

Strikes ordered separately.
Polycarbonate body. Stainless steel
spring. Nylon strike

**E3400 - Touch Latches**

Non-magnetic. ABS plastic body.
Polyamide strike

**E5000 - Magnetic Touch Latches**

For overlay doors. Plastic body with
nickel plated steel latch and plate. White
or brown finish

**E5100 - Magnetic Touch Latch - Double**

For overlay doors. Plastic body with
nickel plated steel latch and plate. White
or brown finish

**E5200 - Magnetic Touch Latches**

For overlay doors. Plastic body with
yellow zinc plated steel. White, brown or
black finish

**E5250 - Magnetic Touch Catches - Extended Stroke**

Extended stroke. For overlay doors.
Plastic body with yellow zinc plated
steel. White or brown finish

**E0300 - Push Knobs - No Latch**

Suitable for door/wall thickness
15-35mm. Zinc alloy with gold or chrome
plating

**E0800 - Push Knobs - with Latch**

For inset doors. Suitable for door
thickness 15-30mm. Zinc alloy with gold,
chrome, black or black nickel plating.
Plastic body and catch

**E1600 - Push Lock - Spring Loaded Cam**

Standard cylinder lock. Fixed grip.
Suitable for panel thickness 1-15mm.
Die cast zinc with chrome plating

**E1602 - Push Lock - Spring Loaded Cam - Push Button**

Standard cylinder lock. Fixed grip.
Suitable for panel thickness 1-16mm.
Polycarbonate

Products

Access Components



Catches & Draw Latches

**E1604 - Push Lock - Spring Loaded Cam**

Standard cylinder lock. Fixed grip. Die cast zinc with chrome plating

**E1670 - Push Latch - Spring Loaded Cam**

Mounted under panel surface so only button exposed. Die cast zinc with nickel plating

**E1400 - Push Knobs - with Latch**

For overlay doors. Suitable for door thickness 19-30mm. Brass button with chrome, satin nickel, satin brass or polished brass finish. Zinc alloy base

**E2050 - Knuckle Catches**

White polyacetal catch. White polyamide strike

**E2070 - Rotary Catches**

Polyacetal strike and catch. Polyethylene roller. This catch has been tested to 300,000 cycles

**E2100 - Knuckle Catches**

Nylon. With adjustable holding force - force up to 20Kg. By adjusting the screw, the force required to hold the catch can be varied

**E2001 - Lever Catches - Finger Tip Control**

Polyamide body. Steel counterplate. For doors/panels without handle or knob, to provide concealed locking of panel

**E2002 - Lever Catches - Finger Tip Control**

Stainless steel. Designed for doors/panels without handle or knob, to provide concealed locking of panel

**E2021 - Slide Catches - Flush - Snap-In**

ABS plastic resin. Stainless steel spring. For panel thickness 1.5-2mm. Internal spring allows latch to return

**E2031 - Slide Latches - Flush - Snap-In**

ABS plastic. Stainless steel spring. Internal release catch. Suitable for 1-2mm panel thickness

**E2034 - Touch Latches - Flush - with Secondary Lock**

Black ABS plastic. Snap-in. Insert and turn supplied key 90° to retract cam and release. Cam stroke 6.5mm. For panel thickness of 1.8-2.1mm.

**E2036 - Touch Latches - Flush - with Secondary Lock**

Black polyamide. Snap-in. Turn supplied key 90° to release handle. Depress handle to lift and release cam. Cam stroke 8mm

[Products](#)

Access Components >

Catches & Draw Latches

**E4000 - Tensions Catches**

Pulling force up to 3.5 kgf. Zinc alloy with chrome finish

**E4100 - Tensions Catches**

Polished stainless steel body. Stainless steel ball bearing

**E4300 - Tensions Catches**

Zinc alloy body with chrome finish. Stainless steel ball bearing

**E4500 - Tension Catches - Concealed**

Push to close action. Actuation of lever releases lock hook to allow opening. Robust latch for doors and panels. Zinc plated steel

**E5300 - Magnetic Catches - Hermetically Sealed**

For clean room and medical environments. Polyacetal body. Neodymium magnet. Stainless strike, specially treated for magnetism

**E5320 - Magnetic Catches - Hermetically Sealed**

Slimline - for clean room and medical environments. Polyacetal body. Neodymium magnet. Stainless strike, specially treated for magnetism

**E5400 - Magnetic Catches - Snap-In Type**

Snap-in type magnet for easy installation. Especially for sheet metal applications. White ABS plastic body. Steel yoke

**E5450 - Magnetic Catches - Snap-In Type**

Bore dimensions for installation are dependant on door thickness. ABS plastic in white or black. Steel yoke. Neodymium magnet

**E5600 - Mini Magnetic Catches- Snap-In Type**

Suitable for doors with 1.5-2mm thickness. Polyamide body. Steel yoke

**E5650 - Magnetic Catches**

Magnet and strike supplied together. Polypropylene body. Steel strike

**E5670 - Magnetic Catches - Ultra Thin**

Only 2mm thick. Max. temperature 80°C. Screw heads to be flush with base to ensure effective operation. Steel base and counter strike. Neodymium magnet

**E5680 - Magnetic Catches - Ultra Thin - Ultra Strong**

With extra strong magnetic force. Max. temperature 80°C. To avoid damage, counterplate should not hit magnet. Nickel plated steel body and yoke

Products

Access Components



Catches & Draw Latches

**E5690 - Magnetic Catches**

Magnet and strike supplied together. ABS plastic body in black or ivory. Steel yoke and counter plate. Ferrite magnet

**E5700 - Magnetic Catches**

Magnet and strike supplied together. Browned aluminium alloy body. Clear zinc chromate steel yoke and strike

**E5750 - Magnetic Catches**

Magnet and strike supplied together. Natural aluminium alloy body. Clear zinc chromate steel yoke and strike

**E5800 - Magnetic Catches**

Adjustable position of the magnet up to 5.5mm. Supplied with screws. Magnet and strike supplied together. ABS plastic body. Steel yoke

**E5850 - Magnetic Catches - Push-Fit**

Moveable magnet enables better positioning to ensure full surface contact with strike. Polypropylene body. Steel, nickel or chrome plated strike

**E5900 - Magnetic Catches - with Electronic Reed Switch**

With electronic reed switch for signalling. Easily incorporated into a lighting or sensor circuit. Black polycarbonate body. Nickel plated steel counter plate

**J0100 - Draw Latches**

All parts from polished stainless steel

**J0150 - Draw Latches - with Lock**

Single key supplied. All parts from polished stainless steel

**J0170 - Mini Draw Latches**

Compact size. High strength. Single key supplied. All parts from stainless steel

**J0220 - Draw Latches - with Lock**

Supplied with two keys per lock. Black powder coated, die cast zinc housing and strike. Stainless steel bracket and strike

**J0240 - Draw Latches - with Lock**

Supplied with two keys per lock. Black powder coated, die cast zinc housing and strike. Stainless steel bracket and strike

**J0320 - Draw Latches**

All parts from stainless steel

[Products](#)

Access Components >

Catches & Draw Latches

**J0340 - Draw Latches**

All parts in satin finish stainless steel

**J0360 - Draw Latches**

All parts from satin finish stainless steel

**J0500 - Toggle Latches - with Padlock Shackle**

Supplied with counter strike. Nickel or zinc plated steel

**J0520 - Toggle Latches - Adjustable -**

Draw length adjustable through turns of threaded draw rod, giving 12mm length of adjustment. Zinc plated or stainless steel

**J0580 - Toggle Latches - Adjustable**

Draw length adjustable through turns of threaded draw rod, giving 12mm length of adjustment. Nickel plated steel

**J0540 - Toggle Latches - Adj. - with Secondary Lock**

Draw length adjustable through turns of threaded draw rod, giving 12mm length of adjustment. Zinc plated or stainless steel

**J0400 - Toggle Latches**

Supplied with counter strike. Zinc plated steel or stainless steel

**J0426 - Toggle Latches - with Click Arrest**

With click arrest. Spring pin locking system. Pin must be depressed for toggle latch to be released. Zinc plated or stainless steel

**J0480 - Toggle Latches**

Supplied with counter strike. Zinc plated steel or stainless steel

**J0420 - Toggle Latches - with Padlock Shackle**

Supplied with counter strike. Zinc plated steel or stainless steel

**J0460 - Toggle Latches - with Padlock Shackle**

Supplied with counter strike. Zinc plated steel or stainless steel

**J0552 - Toggle Latches - with Padlock Shackle**

With padlock shackle; 5.5mm dia. or less. Supplied with counter strike. Zinc plated or stainless steel

[≡ Products](#)

Access Components >

Catches & Draw Latches

**J0422 - Toggle Latches - with Secondary Lock**

Supplied with counter strike. Stainless steel

**J0424 - Toggle Latches - with Key Lock**

Zinc plated steel with stainless steel pin

**J0462 - Toggle Latches - with Secondary Lock**

Zinc plated steel or stainless steel version

**J0710 - Draw Latches**

Flexible T-handle. Black rubber handle with zinc plated steel anchor plate and strike plate

[≡ Products](#)

Access Components



Drawer Slides

**P2000 - Drawer Slide - Full Extension**

200 kg static load per pair. Positive stop. Tested to 40,000 usage cycles. Zinc plated cold rolled steel

**P2100 - Drawer Slide - Full Extension**

80 kg static load per pair. Tested to 80,000 usage cycles. Hold-in detent when closed. Zinc plated cold rolled steel

**P2500 - Drawer Slide - Full Extension**

Lever disconnect. 30 kg static load per pair. Positive stop. Hold-in detent when closed. Tested to 60,000 usage cycles. Zinc plated cold rolled steel

**P2600 - Drawer Slide - Full Extension**

60 kg static load per pair. Positive stop. Tested to 60,000 usage cycles. Zinc plated cold rolled steel

**P2700 - Drawer Slide - Full Extension**

Lever disconnect. 20 kg static load per pair. Positive stop. Tested to 60,000 usage cycles. Hold-in detent when closed. Cold rolled steel with black finish

**P4080 - Drawer Slide - Full Extension**

Lever disconnect. Soft-closing. 30 kg static load per pair. Positive stop. Tested to 80,000 usage cycles. Zinc plated cold rolled steel

**P4100 - Drawer Slide - Full Extension**

Lever disconnect. Self-closing. 45 kg static load per pair. Hold-in detent when closed. Tested to 80,000 usage cycles. Zinc plated cold rolled steel

**P5100 - Drawer Slide - Full Extension**

Lever disconnect. 45 kg static load per pair. Positive stop. Hold-in detent when closed. Tested to 60,000 usage cycles. Zinc plated cold rolled steel

**P6000 - Drawer Slide - 3/4 Extension**

Lever disconnect. 30 kg static load per pair. Positive stop. Hold-in detent when closed. Tested to 60,000 usage cycles. Zinc plated cold rolled steel

**P7000 - Drawer Slide - 3/4 Extension**

Lever disconnect. 15 kg static load per pair. Positive stop. Tested to 60,000 usage cycles. Bright finish stainless steel

**P7200 - Drawer Slide - Full Extension**

Lever disconnect. 45 kg static load per pair. Positive stop. Tested to 60,000 usage cycles. Hold-in detent when closed. Bright finish stainless steel

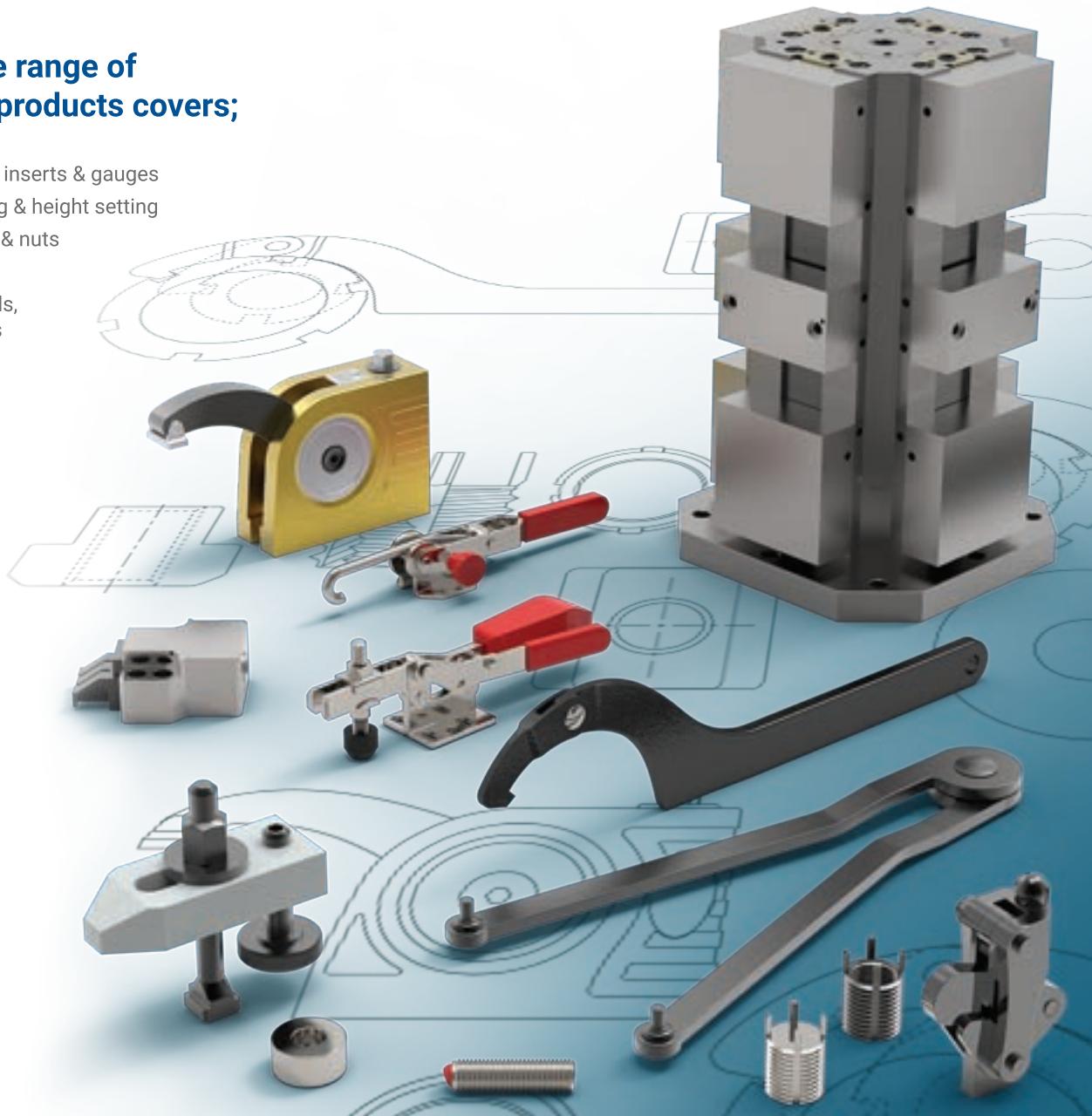
Workholding

Delivering stable, repeatable and secure component control for machining, assembly and inspection environments. From **fixing elements, inserts** and **gauges** that ensure accurate alignment and reliable reference points, to **manual clamping** and **height-setting** solutions that provide quick, confident setup, every product is designed to enhance precision and efficiency. Robust **lifting eye bolts** and **nuts** support safe component handling, while high-force **toggle clamps** offer fast, positive clamping in demanding

production workflows. **Self-aligning pads, tenons** and **bushes** further accommodate part variations, maintaining consistent contact and reducing setup errors. Whether optimising a fixture or creating a new workholding system, our solutions offer the accuracy, rigidity and ease of use needed for consistent, high-quality results.

Our extensive range of workholding products covers;

- Fixing elements, inserts & gauges
- Manual clamping & height setting
- Lifting eye bolts & nuts
- Toggle clamps
- Self-aligning pads, tenons & bushes



[≡ Products](#)

Work Holding



Fixing Elements, Inserts & Gauges

**20002 - Coolant Nozzles - Bug Eye**

Max. 10 bar. Acetal body with stainless steel ball. Max. temperature 70°C

**20012 - Coolant Nozzles - Jet Bolt**

With tube. Max. 10 bar. Acetal body with stainless steel ball and tube. Max. temperature 70°C

**20018 - Coolant Nozzles - Turret Jet**

With tube. Max. 10 bar. Acetal body with stainless steel ball and tube. Max. temperature 70°C

**20042 - Coolant Nozzles - Press In**

Max. 10 bar. Acetal body with stainless steel ball. Max. temperature 70°C

**20072 - Coolant Nozzles - Brass Ball**

Threaded. Max. 33 bar. Brass. Max. temperature. 150°C

**20084 - Coolant Nozzles - Single Tube Ball**

Bendable tube. Max. 33 bar. Brass ball with copper tube. Max. temperature 150°C

**20102 - Pressure Max - Coolant Nozzles**

Angled, with tube. Max. 100 bar. Stainless steel or brass. Max. temperature 70°C

**20106 - Pressure Max - Spray Tips - Brass**

With tube. Max. 100 bar. Stainless steel or brass. Max. temperature: 70°C

**20108 - Coolant Nozzles - Lock Jet**

Max. 100 bar. Brass. 152.4mm long tubes brass/copper

**22000 - Threaded Insert - Metric**

Thinwall. Stainless steel (AISI 303) or equivalent. Passivated

**22002 - Threaded Insert - Metric**

Heavy duty. Stainless steel (AISI 303) or equivalent. Passivated

**22004 - Threaded Insert - Metric**

Thinwall. Carbon steel (C1215) or equivalent. Zinc phosphate

[≡ Products](#)

Work Holding



Fixing Elements, Inserts & Gauges

**22006 - Threaded Insert - Metric**

Heavy duty. Carbon steel (C1215) or equivalent. Zinc phosphate

**22020 - Threaded Insert - Inch**

Thinwall. Stainless steel (AISI 303) or equivalent. Passivated

**22022 - Threaded Insert - Inch**

Heavy duty. Stainless steel (AISI 303) or equivalent. Passivated

**22040 - Threaded Insert - Solid - Metric**

Carbon steel (C1215) or equivalent. Zinc phosphate

**22042 - Threaded Insert - Solid - Metric**

Stainless steel (AISI 303) or equivalent. Passivated

**18820 - Steel Swing Bolts**

High tolerance. Steel, heat-treated, blackened, quality thread 8.8. To DIN 444B

**18822 - Swing Bolts - Standard Tolerance**

Form B. Steel, heat-treated and tempered, quality 8.8, black. To DIN 444

**18830 - Stainless Swing Bolts**

High tolerance. Stainless steel (AISI 304). To DIN 444. Turned, thread rolled. Matt shot blasted

**18832 - Stainless Swing Bolts**

Standard tolerance. Stainless steel. To DIN 444

**21000 - T-Slot Bolts**

Strength class 8.8/10.9. Forged steel, rolled thread. Milled T-slot flat faces. To DIN 787

**21110 - Studs**

Strength class 8.8/10.9. Forged steel, rolled thread, heat-treated. To DIN 6379

**24000 - T-Nuts**

Steel - strength class 10. Heat-treated. To DIN 508

Products

Work Holding



Fixing Elements, Inserts & Gauges

**24010 - T-Nuts**

With anti-slip device. Steel, heat-treated, black. Tensile strength class 10

**24100 - Extended T-Nuts**

Steel, heat-treated. Tensile strength class 10.

**24120 - Rhombus T-Nuts**

Steel, heat-treated

**26300 - T-Slot Scrapers**

Steel, zinc-plated metal scraper. Ergonomic handle, oil resistant plastic

**26500 - T-Slot Covers**

Aluminium

**38500 - Set Collar**

Turned steel, blackened. To DIN 705

**38620 - Set Collars**

One piece. Slotted. Steel, black steam oxidised or stainless steel (AISI 316)

**38650 - Set Collars**

Sensor adapter. Stainless steel (AISI 420)

**24300 - Fixture Nuts**

Heat-treated steel. Strength class 10. To DIN 6330B

**24400 - Collar Nuts**

Heat-treated steel. Strength class 10. To DIN 6331

**24502 - Fast Nut - With Collar**

Rapid assembly nut. Heat-treated steel

**24520 - Lock Nuts - Slip-On**

Rapid assembly nut. Steel, strength class 6, hardened and zinc-plated. Coarse thread

[≡ Products](#)

Work Holding



Fixing Elements, Inserts & Gauges

**24600 - Extension Nuts**

Strength class 10. Steel, heat-treated.
To DIN 6334

**25000 - Plain Washers**

Tempered steel (350 + 80 HV30).
To DIN 6340

**25100 - Washers - Spherical Seat**

Type C. Steel, case-hardened.
To DIN 6319C

**25200 - Washers - Spherical Seat**

Stainless steel (AISI 303).
Similar to DIN 6319C

**25205 - Washers - Spherical Seat**

Stainless steel (AISI 316).
Similar to DIN 6319C

**25400 - Dished Washers**

Steel, case-hardened. To DIN 6319G

**25500 - Dished Washers**

Stainless steel (AISI 303).
Similar to DIN 6319D

**25505 - Dished Washers**

Stainless steel (AISI 316).
Similar to DIN 6319G

**25700 - Dished Washers**

Steel, punched, trued and tempered.
To DIN 6319G

**25800 - Dished Washers**

Stainless steel (AISI 303).
Similar to DIN 6319G

**25900 - Compact Spherical Washer**

Conical seat. Steel, heat-treated or
stainless steel (AISI 303) seat washer.
Steel, case-hardened or stainless steel
(AISI 303) spherical washer

**20500 - Inspection Balls - Imperial**

Short shank. One piece construction.
Steel, case-hardened

Products



Work Holding



Fixing Elements, Inserts & Gauges



20504 - Precision Balls - Imperial

Slip-fit. Shoulder type. Hardened and ground steel



20508 - Tooling Balls - Imperial

Shoulder type. One piece construction. Hardened and ground steel



20512 - Construction Balls

Imperial and metric. Shoulder type. Hardened and ground steel

[≡ Products](#)

Work Holding



Self-Aligning Pads, Tenons & Bushes

**30020 - Low Slot Tenons**

Steel, case-hardened (C15), blackened and ground

**30060 - Fixed Slot Tenons**

With cylindrical fastening. Steel, case-hardened (C15), blackened and ground

**30800.1 - Headless Drill Bushes - DIN 179**

Short. High grade steel. Hardened 740 + HV10

**30820.1 - Headed Drill Bushes - DIN 172A**

Short. High grade steel. Hardened 740 + HV10

[Products](#)

Work Holding



Manual Clamping & Height Setting

**10900 - Fixed Mini Finger Clamp Stops**

Single or double point. Spring steel

**10920 - Mini Finger Clamp Swivel Stops**

Single point - for 10940. Spring steel

**10940 - Mini Finger Clamps**

Up to 4000 N. Spring steel. Simple, very heavy-duty, low profile clamping

**12010 - Dyna-Force Clamps**

Stainless steel (AISI 630). Smooth faced jaws, serrated jaws. Very low profile

**12030 - Talongrip Serrated Grip**

Long. Steel (S7), heat-treated, black oxide

**12031.1 - Pitbull Clamps**

Steel or brass tool. Steel screw and oil resistant nitrile rubber. Plastic o-ring

**12031.2 - Pitbull Clamps**

Aluminium. Provides a hard barrier between pitbull clamp and fixture

**12032 - Machinable Pitbull Clamps**

Steel tool, heat-treated, machinable. Steel screw and oil resistant nitrile rubber. Plastic o-ring

**12034 - Talongrip Clamps**

Steel, hardened (HRc 52-54). Allows aggressive clamping on as little as 1.5mm of material

**12036.1 - Versagrip Clamps**

Steel, hardened (HRc 52-54). Will even hold flame cut parts and parts with negative drafts

**12036.2 - Versagrip Clamps**

Heavy duty. Steel. For aggressive operations on harder materials while providing the versatility to hold just about any shape

**12111 - Eccentric Pull Down Clamps**

Steel, hardened and blue zinc coated. Single piece clamping screw

[≡ Products](#)

Work Holding



Manual Clamping & Height Setting

**12112 - Eccentric Fixture Clamps**

Low profile. Brass hexagonal clamp. Steel screw, hardened

**12120 - Eccentric Knife Edge Clamps**

Ribbed face steel, hardened and plated. Screw steel hardened

**12130 - Uniforce Clamps**

Aluminium channel, anodised. Steel wedge and screw, hardened and blackened

**12140 - Machinable Uniforce Clamps**

Aluminium channel, anodised. Steel wedge and screw, hardened and blackened

**12145 - Machinable Uniforce Clamps**

Long length. Aluminium channel, anodised. Steel wedge

**12150 - Eccentric T-Slot Clamps**

Heat treated steel body. Brass clamp

**12180.1 - Multi-Fixture Clamps and Stops**

With locating step. Steel body, hardened. Brass clamp

**12180.2 - Multi-Fixture Clamps and Stops**

Without locating step. Steel body, hardened. Brass clamp

**12430 - Taper Clamps**

With downhold action. Tool steel body, hardened and bright. Tool steel clamping segments, hardened, ground and blackened. Steel spring

**12440 - Taper Clamps - Economy Version**

Tool steel body, hardened and bright. Tool steel clamping segments, hardened, ground and blackened. Rubber o-ring or steel spring

**12450 - Stainless Taper Clamps**

Stainless steel. Ideal for EDM applications to clamp multiple parts

**10603 - Crocodile Adjustable Clamp**

With support heel. Steel clamp, tempered and galvanised. Steel T-bolt, forged. Steel washer, hardened. Steel nut, heat-treated

Products

Work Holding



Manual Clamping & Height Setting

**10650 - Monobloc Clamps**

Aluminium. Can be used with our stackable riser elements. Supplied with clamping keys

**10651 - Monobloc Spacer Elements**

For clamps 10650. Aluminium spacer elements. Supplied with clamping screw

**10652 - Monobloc Clamping Pads**

Aluminium. To suit differing workpiece shapes

**10653 - Monobloc Clamp Sets**

Aluminium. 2 x monoblock clamps, 2 x spacer elements, 1 x clamping key, 1 x extra long arm, 4 x M 10 screws and 6 x M 10 T-nuts

**10655 - Piccolo Clamps**

Aluminium. Supplied with key and clamping screw

**10657 - Piccolo Clamp Sets**

Aluminium. 2 x piccolo clamping elements, 2 x spacer elements, 1 x clamping key, 1 x extra long arm, 4 x M 10 screws and 6 x M 10 T-nuts

**12550.1 - Hook Clamps**

Low height. Steel (42CrMo), tempered and black oxide finish. For limited space vertical clamping

**12550.3 - Hook Clamp**

Flanged. Steel (42CrMo), quenched and tempered, black oxide finish

**12554 - Hook Clamps**

Steel (C45), tempered and black oxide finish, precision ground

**12562.1 - Swing Clamps**

Steel (C45) body, handle and clamping spindle, tempered and black oxide finish. Steel (42CrMo) arm and cam shaft, tempered and black oxide finish

**12564.1 - Swing Clamps**

Steel (42CrMo) shaft and body, tempered and black oxide finish. Steel (C45) clamp arm, tempered and black oxide finish

**12601 - Miniature Down Thrust Clamps**

Swivelling. Steel, case-hardened, blackened and ground. For clamping small components

[≡ Products](#)

Work Holding



Manual Clamping & Height Setting

**12608 - Down Thrust Clamps**

Retractable. Steel, case-hardened, blackened and ground

**12660.2 - Compact Floating Clamps M12**

Combined clamping and locking. Steel body, case-hardened, nitrided, manganese phosphate treated and ground

**10588.1 - Power Clamp**

Steel, tempered, alloyed and galvanised (black). Complete with mounting kit

**10588.3 - Power Clamp - Three Step**

Steel, tempered, alloyed and galvanised (black). Complete with three-step support element, clamping unit and mounting kit

**10592.1 - Compact Clamps**

Steel body, heat-treated and black coated. Steel lever, heat-treated and silver coated

**10604 - Support Extension**

For crocodile clamp 10603. Steel body and support screw, zinc-plated and hardened. Strength class 8.8

**12464 - Vice Tower Set**

For 5 side machining on vices. Steel

**12520 - Eccentric Clamps**

Top/bottom surface. Blackened steel body, spiral eccentric and washer case hardened. Also available in Stainless steel (AISI 303) nickel plated

**18582.1 - Eccentric Levers - Male**

Fixed. Die cast zinc handle, black plastic coated

**18600 - Eccentric Levers - Double Surface**

With fulcrum pin 18640. Steel lever, alloyed, case-hardened and blackened

**18620 - Cam Levers - Double Surface**

With fulcrum pin. Steel eccentric, zinc phosphated or stainless steel AISI 304

**11040 - 2.2 Ton Finger Clamp - Smooth Face**

Movable jaw. Hardened steel, with spring steel clamping element

[≡ Products](#)

Work Holding



Manual Clamping & Height Setting

**11041 - 2.2 Ton Finger Clamp - Fixed Stop**

Smooth face. Spring steel

**11042 - 2.2 Ton Clamp - Serrated Face**

Movable jaw. Hardened steel

**11043 - 2.2 Ton Fixed Stop - Serrated Face**

Spring steel

**11045 - Base Plates Finger - Short**

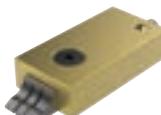
For 2.2 ton clamps. Steel

**11070 - 1.2 Ton Finger Clamps**

Hardened steel, with spring steel clamping element

**11071 - 1.2 Ton Fixed Stops**

For finger clamps Spring steel

**11081 - 1.0 Ton Finger Clamps**

For T-slots. Spring steel

**11082 - 1.0 Ton Fixed Stops**

For 1 ton finger clamps. Hardened steel

**11083 - Fixed stops**

For 1 ton finger clamps. Spring steel

**12700 - Chain Clamping Set**

With lanyard. Heat treated steel

**12750 - Chain Clamp Sets - 16kN**

For large diameter clamping. Aluminium

**12043 - Clamping Module - Single**

Flanged. Steel (AISI 4140), induction hardened, black oxide finish

[≡ Products](#)

Work Holding



Manual Clamping & Height Setting

**12051 - ID Xpansion Clamps - Machinable**

For clamping internal bores. Mild steel body. Heat-treated steel tapered screw

**12052 - Xpansion Clamps - Side-Loc**

Mild steel body, with heat-treated tapered screw

**12054 - Manual Actuators**

For ID Xpansion clamps. Steel

**12061 - Internal Centering Clamps**

Standard version - for delicate components. Tool steel, blackened

**12072 - Internal Centering Clamps**

Rear actuated, for casts and forgings. Tool steel body, blackened

**32940.1 - Steel Shaft Clamps**

For cylindrical parts. Heat treated steel, blackened. Zinc-plated steel clamping screw. RoHS compliant

**12058 - XYZ Xpansion Pins**

Press-fit. Steel (12L14) or stainless steel (AISI 630). Pin and screw supplied together

**12059 - XYZ Xpansion Pins**

Threaded installation. Steel (12L14) or stainless steel (AISI 630). Pin and screw supplied together

**12085.1 - One-Touch Flex Locator Clamps**

Steel (SCM440) body/shank, black oxide finish. Tapered pin steel (SCM440), nitrocarburised. Handle die-cast zinc (ZDC1), silver-grey painted

**12085.2 - One-Touch Flex Locator Clamps**

Knob. Steel (AISI 4140) body/shank, black oxide finish. Tapered pin steel (AISI 4140), nitrocarburised. Knob stainless steel (AISI 304). Pin stainless steel

**12085.3 - One-Touch Flex Locator Bushings**

Stainless steel (AISI 304)

**12090 - Positioning Clamping Pins**

Steel, heat treated, tempere and blackened or stainless steel, percpitation hardened (AISI 630)

[≡ Products](#)

Work Holding >

Manual Clamping & Height Setting **12094 - Locating Bushings**

For positioning clamping pins 12090 - screw fit. Steel or stainless steel

**12098 - Expanding Loc-Down Bolts**

For quick component clamping. Stainless steel

**14130 - Screw Jack Set with Spacers**

Aluminium body and steel spindle, heat-treated with trapezoidal self-locking thread

**14140 - Screw Jacks and Spacer Elements**

Aluminium body and steel spindle, heat-treated with trapezoidal self-locking thread

**15000 - Screw Jacks**

Plain Ø12 centering hole. Carbon steel body, enamelled. Tempered steel spindle. Trapezoidal thread, self-locking with end stop

**15120 - Screw Jacks**

Aluminium. Magnetic base. Aluminium 400N/mm² tensile strength. Tempered steel spindle. Trapezoidal thread, self-locking with end stop

**15300 - Atlas Screw Jacks**

With counter locking nut. Cast iron housing, enamelled. Carbon steel spindle. Trapezoidal thread 30x6

**15320 - Heavy Duty Screw Jacks**

With brass locking screw. Carbon steel housing, enamelled. Carbon steel spindle. Trapezoidal thread 30x6

**12680 - Supporting Elements**

Case hardened steel, nitrided, blackened and ground. Housing aluminium, red anodised

Products

Work Holding >

Lifting Eye Bolts & Nuts **18843 - Steel Female Lifting Eye Bolts**

Metric sizes. Forged steel, annealed and zinc-plated. CE marked. Available in hot dipped galvanised version. To DIN 582

**18844 - Stainless Female Lifting Eye Bolts**

Metric sizes. Stainless steel A4 (AISI 316). CE marked. To DIN 582

**18863 - Steel Male Lifting Eye Bolts**

Metric sizes. Forged steel, annealed and zinc-plated. CE marked. To DIN 580

**18864 - Stainless Male Lifting Eye Bolts**

Metric sizes. Stainless steel A4 (AISI 316). CE marked. To DIN 580

[Products](#)

Work Holding



Toggle Clamps

**40100.1 - Vertical Acting Toggle Clamps**

Angle base. Steel, zinc plated.
Ergonomic, soft feel, oil resistant handle

**41821.1 - Latch Type Toggle Clamps**

Vertical acting. Steel, zinc plated.
Ergonomic, soft feel, oil resistant handle

**41840.1 - Push-Pull Toggle Clamps**

Compact version. Steel, zinc plated.
Ergonomic, soft feel, oil resistant handle

**42000.1 - Push-Pull Type Toggle Clamps**

Extended push rod. Steel, zinc plated.
Ergonomic, soft feel, oil resistant handle

**40000.4 - Vertical Acting Toggle Clamps**

Vertical. Open arm. Stainless steel,
polished (AISI 304). Ergonomic, soft feel,
oil resistant handle

**41000.4 - Horizontal Acting Toggle Clamps**

Horizontal base. Open arm. Stainless
steel, polished (AISI 304). Ergonomic,
soft feel, oil resistant handle

**41801.4 - Latch Type Toggle Clamps**

Horizontal acting. Stainless steel (AISI
304). Ergonomic, soft feel, oil resistant
handle

**41890 - Push-Pull Toggle Clamps**

Angle bracket. Stainless steel, polished
(AISI 304). Ergonomic, soft feel, oil
resistant handle

**41010 - Horizontal Acting Toggle Clamps**

Safety lever. Open arm. Horizontal
base. Steel, zinc plated. Ergonomic, oil
resistant handle

**40000.2 - Vertical Acting Toggle Clamps**

Black. Open arm. Horizontal base. Steel,
matt black. Black, oil resistant handle

**41000.2 - Horizontal Acting Toggle Clamps**

Black. Open arm. Horizontal base. Steel,
matt black. Black, oil resistant handle

**41060.2 - Horizontal Acting Toggle Clamps**

Black. Open arm. Vertical base. Safety
lever. Steel, matt black. Soft feel, oil
resistant handle

[≡ Products](#)

Work Holding



Toggle Clamps

**47500 - Heavy Duty Pneumatic Toggle Clamps**

With horizontal cylinder. Tempered steel, burnished body. Axe bolts tempered and ground, locked with circlips

**46080 - Heavy Duty Vertical Toggle Clamp**

Horizontal base. Steel, black oxide coated, body. Lever cast steel, black oxide coated. Bushes reamed, case hardened.

**EC600 - Toggle Clamps - Vertical Acting**

Economy. Horizontal base. Open arm. Steel, zinc plated, body. Rivets stainless steel. Handle red plastic, oil resistant

**EC630 - Toggle Clamps - Horizontal Acting**

Economy. Horizontal base. Open arm. Steel, zinc plated, body. Rivets stainless steel. Handle red plastic, oil resistant

**EC641 - Economy Toggle Clamps - Push Pull**

Short. Steel, zinc plated, body. Rivets stainless steel. Handle red plastic, oil resistant

**EC648 - Economy Toggle Clamps - Latch Type**

Horizontal acting. Steel, zinc plated, body. Case-hardened and greased bushes. Red plastic, oil resistant handle

[≡ Products](#)

Work Holding



Clamping Systems & Base Plates

**19710 - VacMagic VM100
Palletising System**

For quick fixture change. Aluminium

**19730 - Vacmagic VM300
Vacuum System**For vacuum and quick fixture change
Aluminium**19740 - Multi-Power Vacuum
Clamping System**

Aluminium

**10784 - Mitee-Grip Tape**For holding small and thin components.
Wax-based compound**12035 - Vice Jaw Set for
Talongrip Clamps**Steel, heat-treated. Supplied with one
jawstop

[≡ Products](#)

Work Holding



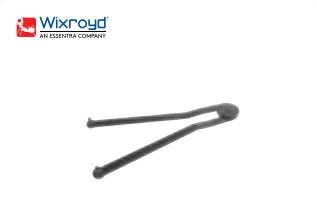
Hand Tools

**91000 - Inner Chamfering Tools**

For drill attachment. Steel

**91020 - Outer Chamfering Tools**

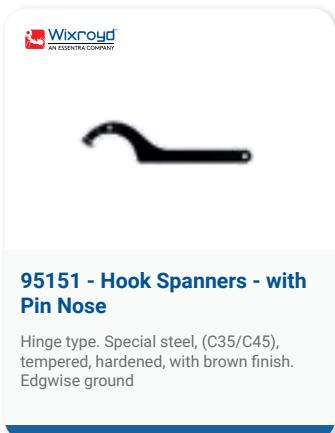
For drill attachment. Steel

**94000.1 - Adjustable Pin Face Spanners**

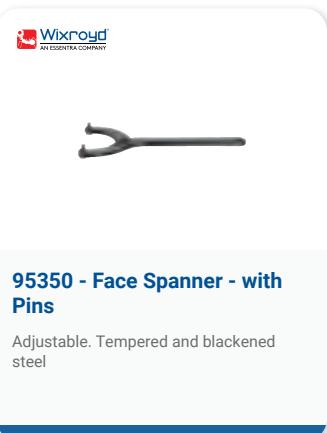
With welded pins. Carbon steel (C35/C45), tempered

**95100 - Hook Spanners - with Hook Nose**

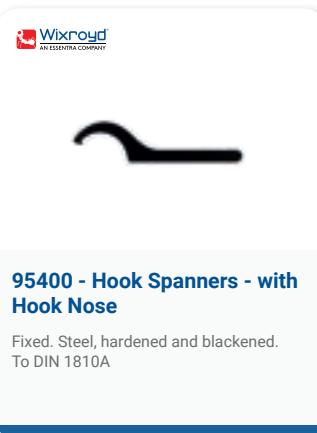
Hinge type - traditional. Special steel, (C35/C45), hardened, blackened or stainless steel. Round edges

**95151 - Hook Spanners - with Pin Nose**

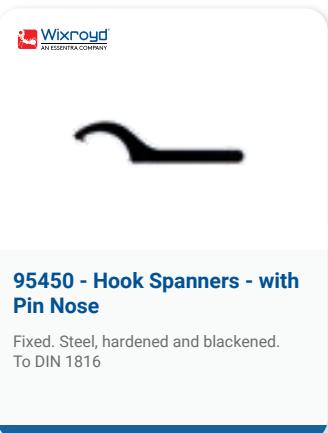
Hinge type. Special steel, (C35/C45), tempered, hardened, with brown finish. Edgewise ground

**95350 - Face Spanner - with Pins**

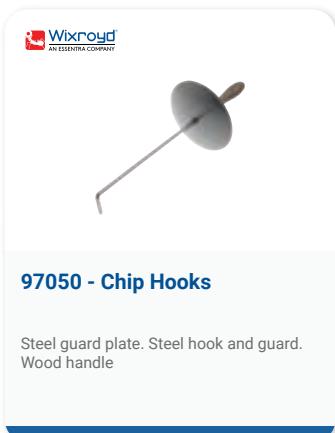
Adjustable. Tempered and blackened steel

**95400 - Hook Spanners - with Hook Nose**

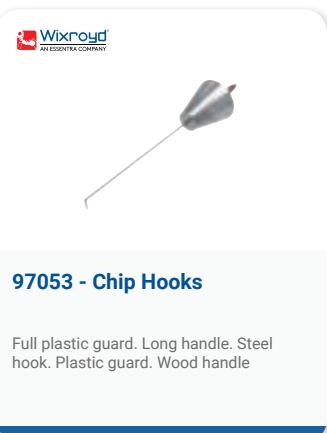
Fixed. Steel, hardened and blackened. To DIN 1810A

**95450 - Hook Spanners - with Pin Nose**

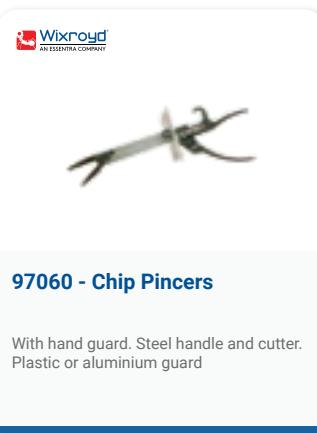
Fixed. Steel, hardened and blackened. To DIN 1816

**97050 - Chip Hooks**

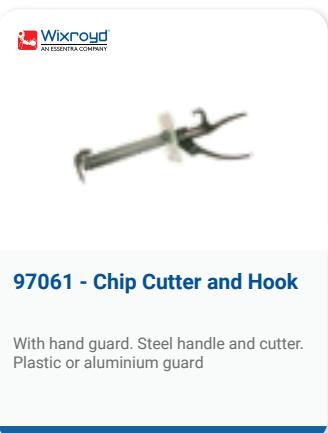
Steel guard plate. Steel hook and guard. Wood handle

**97053 - Chip Hooks**

Full plastic guard. Long handle. Steel hook. Plastic guard. Wood handle

**97060 - Chip Pincers**

With hand guard. Steel handle and cutter. Plastic or aluminium guard

**97061 - Chip Cutter and Hook**

With hand guard. Steel handle and cutter. Plastic or aluminium guard

Who are **Teknipart?**

A UK supplier of precision-engineered components that help engineers and designers tackle practical and complex challenges. Our extensive range includes fasteners, threaded inserts, lifting pins, cam and swing latches, hinges, stays, toggle clamps, and self-aligning pads - all built for durability, reliability, and ease of integration across industrial, mechanical, and automation applications.

By combining robust construction with consistent dimensional accuracy, these components simplify assembly, improve workholding, and ensure equipment performs flawlessly in the field - enabling engineers to deliver dependable, efficient, and safe solutions.

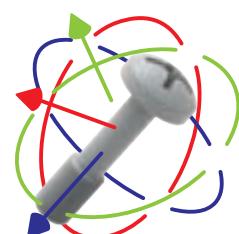


Trusted across many industries including:

- Metal fabrication & building
- Special purpose machinery
- Manufacturing
- Electrical & electronic manufacturing

Teknipart's website and dedication to the continual expansion of our free 3D CAD library means we are always focusing on delivering the latest information in easy-to-use formats.

Available directly from our website, we offer a wide range of CAD models in popular formats: **SolidWorks, ProE, Sat, Step, Parasolid and Iges**.



Why choose us?



SIMPLIFIED PROCUREMENT PROCESS

Streamline your operations & boost performance by consolidating your purchases to a single trusted supplier (us!).



EXPERT TECHNICAL SUPPORT

Available via telephone, email or our live web chat service, we work to find a solution for your application.



ENVIRONMENTALLY RESPONSIBLE OPERATIONS

We strive for earth-conscious operations and have put numerous greener solutions in place. Find out more ▾



HIGH QUALITY PRODUCTION

Trusted by some of the best known design & manufacturing companies, we pride ourselves on producing the highest quality components at the best value.



BESPOKE CAPABILITIES

Our in-house manufacturing can make your idea a reality. Call our technical team to discuss.

GET IN TOUCH

teknipart.co.uk
sales@teknipart.co.uk
0333 207 9969

Screws & Washers

Teknipart's **screws** and **washers** range provides engineers with high-quality, reliable fastening solutions for a wide variety of industrial, mechanical, and automation applications.

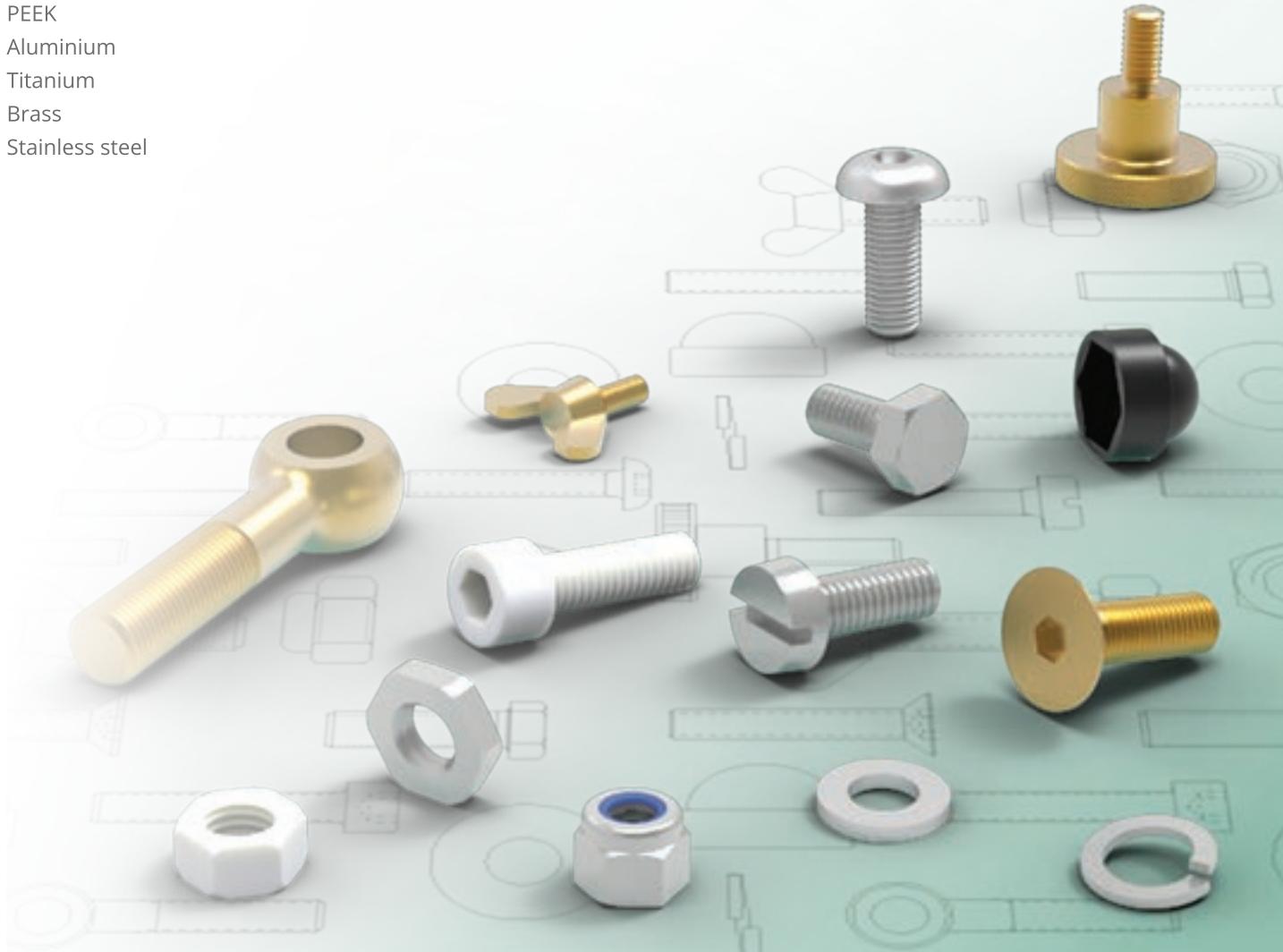
From **precision machine screws** to **locking and sealing washers**, each product is designed for durability, dimensional accuracy, and consistent performance under demanding conditions.

These components simplify assembly, ensure secure connections, and reduce the risk of

loosening or failure - helping engineers maintain equipment reliability and operational efficiency. With a broad selection of materials, finishes, and sizes, Teknipart's screws and washers give engineers the flexibility to choose the right solution for every application, supporting both standard builds and highly customised projects.

Our product range is available in a range of materials including;

- Nylon
- PEEK
- Aluminium
- Titanium
- Brass
- Stainless steel



[≡ Products](#)

Screws & Washers



Nylon

**N0007.91N - Socket Cap Screws**

Nylon PA-6/66 (Std - standard grade), natural or black

**N0031.30N - Socket Set Screw Flat Point**

Nylon 66 (PA 6/66), standard. Natural

**N0010.93N - Hexagon Head Set Screws**

Nylon. To DIN 933, ISO 4017

**N0001.84N - Slot Cheese Machine Screws**

Nylon 66 (PA 6/66), standard

**N0004.85N - Slot Pan Screws**

Nylon PA-6/66 (Std - standard grade), natural

**N0013.11N - Slot Countersunk Screws**

Nylon 66 (PA 6/66), standard. Natural or black

**N0016.96N - Slot Raised Countersunk Screws**

Nylon 66 (PA 6/66), standard. Natural or black

**N0019.19N - Pozi Countersunk Screws**

Nylon 66 (PA 6/66), standard. Natural or black

**N0025.25N - Nylon Phillips Pan Screws**

Nylon 66 (PA 6/66), standard. Natural, white or black

**N0053.73N - Slot Mushroom Machine Screws**

Nylon 66 (PA 6/66), standard, natural

**N0028.55N - Enclosed Slotted Screw Set Flat Point**

Nylon 66 (PA 6/66), standard

**N0390.97N - Threaded Studs**

To DIN 975. Nylon 66 (PA 6/66), standard. Natural

[≡ Products](#)

Screws & Washers



Nylon

**N0400.04N.1 - Plain Washer - I/D Ø 0-5mm**

Nylon

**N0400.04N.2 - Plain Washer - I/D Ø 5-8mm**

Nylon

**N0400.04N.3 - Plain Washer - I/D Ø 8-11mm**

Nylon

**N0400.04N.4 - Plain Washer - I/D Ø 11-15mm**

Nylon

**N0400.04N.5 - Plain Washer - I/D Ø 15-80mm**

Nylon

**N0401.90N - Flat Nylon Penny Washers**

To DIN 9021. Nylon PA-6/66, natural white or black

**N0403.12N.1 - Flat Washers - Form A**

Nylon. To DIN 125 A

**N0403.12N.2 - Nylon Flat Washers Black**

To DIN 125 A. Nylon 66 (PA 6/66), black

**N0442.42N - Finishing Washers**

For countersunk screws. Nylon 66 (PA 6/66), standard. White or black

**N0500.N0 - Hexagon Full Nut**

To DIN 934. Nylon 66 (PA 6/66), standard

**N0502 - Hex Washer Faced Nuts**

Nylon 66 (PA 6/66), standard

**N0520 - Hexagon Domed Cap Nuts**

To DIN 1587. Light and rustproof

[Products](#)

Screws & Washers



Nylon

**N0523.N0 - Full Nut With Flange**

To DIN 6923. Nylon

**N0100.10N - Knurled Nuts**

Fine knurl. Nylon 66 (PA 6/66), standard

**N0103.N0 - Narrow Head Thumb Screw Slotted**

Nylon

**N0106.06N - Knurled Thumb Nuts**

Coarse knurl. Nylon 66 (PA 6/66), standard. White or black

**N0427.N0 - Shoulder Washers**

Nylon, standard

**N6060.60N.1 - Shoulder Washer i/d 3,0 - 6,5**

Nylon 66 (PA 6/66), standard.). Natural or black

**N6060.60N.2 - Shoulder Washer i/d 8,0 - 10,0**

Nylon 66 (PA 6/66), standard.). Natural or black

**N0198.54N - Washers Faced Wing Screws**

With stud. Nylon PA-6/66 (Std - standard grade), natural

**N0510 - Wing Nuts**

Nylon. To DIN 315. Manual tightening. Lightweight

**N0511 - Wing Nuts**

Nylon PA66, natural white. Manual tightening. Lightweight

**N0512 - Wing Nuts - Form B**

With rectangular wings. To DIN 315 AF. White nylon. Light and rustproof

**N0540 - Plastic Nut Covers**

For hex head bolts. Polyethylene (PE); black, white or grey (M 4 to M20). M22 to M45 black only

[≡ Products](#)

Screws & Washers



Nylon

**N0420.15N - Locking and Sealing Washers**

Nylon 66 (PA 6/66), standard

**N0430.18N - Anti-Loss Washers**

Nylon 66 (PA 6/66), standard

**N0432.20N - Flat Anti-Loss Washers**

Nylon 66 (PA 6/66), standard

**N0434.21N - Retaining Washers**

Nylon 66 (PA 6/66), standard

**N6000.66N.1 - Spacers - I/D 2,6 - 5,2**

Nylon 66 (PA 6/66), standard. Natural

**N6000.66N.2 - Spacers - I/D 5,3 - 6,2**

Nylon 66 (PA 6/66), standard. Natural

**N6000.66N.3 - Spacers - I/D 6,3 - 7,2**

Nylon 66 (PA 6/66), standard. Natural

**N6000.66N.4 - Spacers - I/D 8,2 - 10,2**

Nylon 66 (PA 6/66), standard. Natural

**N6000.66N.5 - Spacers - I/D 10,5 - 25,5**

Nylon 66 (PA 6/66), standard. Natural

≡ **Products**



Screws & Washers



Polypropylene



P0001.N2 - Slotted Cheese Head Screws

Polypropylene. To DIN 84



P0010.N2 - Hexagon Head Bolts

Polypropylene. To DIN 933, ISO 4017



P0330.N2 - A Plain Washers

Polypropylene. To DIN 125 A

[≡ Products](#)

Screws & Washers



Other Plastics

**O8000.N3 - Inserts**

Ribbed, square. Low density polyethylene, black. Insert ribs provide secure fitting

**O8003.N3 - Inserts**

Ribbed, rectangular. Low density polyethylene, black. Insert ribs provide secure fitting

**O8009.N3 - Inserts**

Ribbed, round. Low density polyethylene, black. Insert ribs provide secure fitting

**N0412.41N - Flat Washers - Rubber**

Rubber, black. To DIN 125 A

**N0409.09N - Flat Washers - Fibre**

Fibre. To DIN 125 A

**N0500.HP - Cap Head Hexagon Socket**

Polyether ether ketone (PEEK). Blue. With x-ray opaque or metal detectable filler for optical detection

**N0500.MP - Cap Head Hexagon Socket**

Polyether ether ketone (PEEK). Green. For medical industry applications

**N0500.NP - Cap Head Hexagon Socket**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**N0501.NP - Hexagonal Head Set Screw**

Natural polyether-ether-ketone (PEEK). Generally to DIN 93. UL94-V0 compliant

**N0502.NP - Hexagon Nuts**

Natural polyether-ether-ketone (PEEK). Beige. Generally to DIN 934. UL94-V0 compliant

**N0503.NP - Female-Female Hexagon Spacers**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**N0504.NP - Male-Female Hexagonal Spacers**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

[Products](#)

Screws & Washers



Other Plastics

**N0507.NP - Set Screws**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**N0508.NP - Ultra Low Head Cap Screws**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**N0509.NP - Torx Low Cap Head Screws**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**N0510.NP - Washers**

Natural polyether-ether-ketone (PEEK). Beige. Generally to DIN 125. UL94-V0 compliant

**N0511.NP - Low Cap Head Hex Socket Screws**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**N0512.NP - Slotted Cheese Head Screw**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**N0513.NP - Torx Ultra Low Head Screws**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**N0514.NP - Countersunk Hexagon Head Screws**

Natural polyether-ether-ketone (PEEK). Beige. Generally to DIN 7991

**N0515.NP - Torx Countersunk Head Screws**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**N0520.NP - Torx Pan Head Screws**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant

**N0530.NP - Cap Head Vented Screws**

Natural polyether-ether-ketone (PEEK). Beige. UL94-V0 compliant



[≡ Products](#)

Screws & Washers



Aluminium

**A0019 - Crossed Recessed C'sunk Screws**

To DIN 965 H, ISO 7046. Aluminium A7, high tensile

**A0020 - Hexagon Socket Head Cap Screws**

To DIN 912. Aluminium A7, high tensile

**A0022 - Socket Button Head Screws**

Aluminium A7, high tensile 7075, ISO 7380

**A0025 - Hexagon Socket C'sunk Head Cap Screws**

To DIN 7991. Aluminium A7, high tensile

**A0028 - Pozi Pan head Screws**

Aluminium A7, high tensile, grade 7075 anodised. To DIN 7985, form Z

**A0400 - Flat Aluminium Washers**

Aluminium A0. H14. Similar to A7

**A0491 - Threaded Studs**

Aluminium A6 (606), standard grade

**A0491 - Threaded Studs**

Aluminium A7 (7075), high tensile

**A0501 - Aluminium Hex Nuts**

Aluminium 6061 (standard grade), 7075 (high tensile grade). To DIN 934

**A0504 - Prevailing Torque Hexagon Thin Nuts**

With non-metallic insert. Prevailing torque. Aluminium A7, high tensile

[Products](#)

Screws & Washers



Titanium

**T0001.T2 - Slotted Cheese Head Screws**

Titanium Grade 2 (T40) To DIN 84

**T0004.T2 - Thin Cylindrical Head Cap Screws**

Titanium Grade 2. To DIN 6912

**T0004.T5 - Thin Cylindrical Head Cap Screws**

Titanium Grade 5 (6Al-4V). To DIN 6912

**T0007.T2 - Hexagon Socket Head C'sunk Cap Screws**

Titanium Grade 2. To DIN 7991

**T0007.T5 - Hexagon Socket Head C'sunk Cap Screws**

Titanium Grade 5 (6Al-4V) To DIN 7991

**T0010.91T.1 - Socket Cap Screw - M2 - M6**

Titanium Grade 2 (commercial grade) high corrosion resistance, strong weldability, standard strength

**T0010.91T.4 - Socket Cap Screw - M8 - M20**

Titanium Grade 5 (aerospace grade) Ti 6Al-4V Titanium alloy, good strength to weight ratio, corrosion resistant

**T0013.93T.2 - Hex Head Set Screws**

Titanium Grade 5 (aerospace grade) Ti 6Al-4V Titanium alloy, good strength to weight ratio, corrosion resistant. To DIN 933 Gr.5

**T0019.T2 - Buttonhead Socket Cap Screw**

Titanium Grade 2

**T0400.12T - Flat Washers**

Titanium Grade 2 (commercial grade) high corrosion resistance, strong weldability, standard strength. To DIN 125 A

**T0491.T2 - Threaded Rods**

Titanium Grade 2. To DIN 975

**T0501 - Hexagon Full Nut**

Titanium Grade 2 (commercial grade) high corrosion resistance, strong weldability, standard strength. To DIN 934

[≡ Products](#)

Screws & Washers



Titanium

**T0509.T2 - Hexagon Thin Nuts**

Unchamfered. Titanium Grade 2.
To DIN 439. Standard metric coarse
pitch threads

**T0530.T2 - Flanged Nuts**

Flanged. Titanium Grade 2.
To DIN 6923

**T0536 - Nylon Insert Nut**

Titanium Grade 2 (commercial grade)
high corrosion resistance, strong
weldability, standard strength.
To DIN 985

**T0542.T2 - Hexagon Domed Cap Nuts**

Titanium Grade 2. To DIN 1587

[Products](#)

Screws & Washers



Brass

**B0001.B0 - Large Head Slot Pan Head Screws**

Steel (zinc-plated), stainless steel (A2), or brass. To DIN 921

**B0004.B0 - Hexagon Head Set Screws**

To DIN 933, ISO 4017

**B0020.B0 - Hexagon Socket Head Cap Screws**

Brass, Cu3 (Cuzn39Pb3)

**B0021.B0 - Socket Countersunk Head Screws**

To DIN 7991, ISO 2009. Brass, Cu3 (Cuzn39Pb3)

**B0100.B0 - Brass Knurled Thumb Screws**

One piece manufactured. Brass. To DIN464

**B0103.B0 - Brass Knurled Nuts**

To DIN 466, size M12 not contained in DIN standard. Brass, Cu3 (Cuzn39Pb3)

**B0106.B0 - Flat Knurled Thumb Screws**

Brass, Cu3 (Cuzn39Pb3). To DIN 653

**B0409.B0 - Large Diameter Washers**

Brass. To DIN 9021, ISO 7093

**B0412.B6 - Sealing Rings**

Copper. To DIN 7603 A. Used as sealing ring for pipe connections and blanking plugs

**B1084.B0 - Swing Bolts**

Brass. To DIN 444 B

**B6000.B0 - Brass Hexagonal Spacers**

Brass (2.0402), bright nickel-plated

**B6003.B0 - Brass Hexagonal Pillars**

Brass (CZ 121), bright nickel-plated

≡ Products



Screws & Washers



Brass



**B6006.B0 - Brass Clearance
Spacers**

Brass, nickel plated

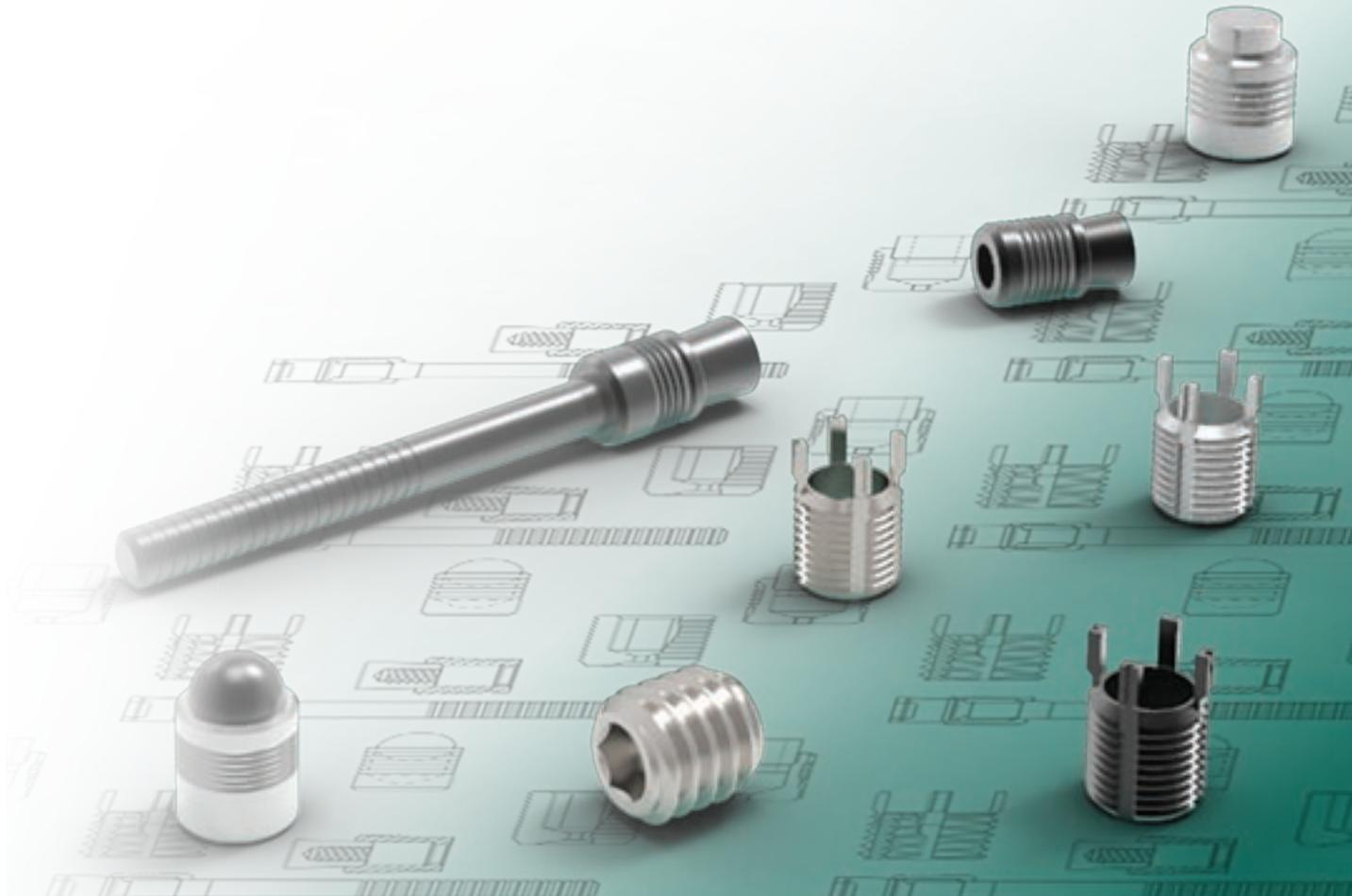
Threaded Inserts

Teknipart's **threaded inserts** provide robust, reliable, and reusable fastening solutions. Designed for precision and long-term durability, our inserts ensure secure connections, accurate alignment, and resistance to wear or loosening. Available in a variety of thread types, sizes, and installation options, they allow engineers to create strong, serviceable joints in both new designs and retrofitted assemblies. Teknipart threaded inserts simplify assembly, reduce maintenance challenges,

and give engineers the flexibility to deliver high-performance, reliable equipment.

Our broad range of threaded inserts consist of;

- Stainless steel inserts
- Steel inserts
- Installation tools
- Expansion sealing plugs



[≡ Products](#)

Threaded Inserts



Threaded Inserts & Expansion Sealing Plugs

**TR1510 - Threaded Insert - Metric**

Thinwall. Stainless steel (AISI 303) or equivalent. Passivated

**TR1515 - Threaded Insert - Metric**

Heavy duty. Stainless steel (AISI 303) or equivalent. Passivated

**TR1520 - Threaded Insert - Metric**

Thinwall. Carbon steel (C1215) or equivalent. Zinc phosphate

**TR1525 - Threaded Insert - Metric**

Heavy duty. Carbon steel (C1215) or equivalent. Zinc phosphate

**TR1530 - Threaded Insert - Metric - Inch**

Heavy duty. Stainless steel (AISI 303) or equivalent. Passivated

**TR1575 - Threaded Insert - Inch**

Heavy duty. Carbon steel (C1215) or equivalent. Zinc phosphate

**TR1576 - Threaded Insert - Inch**

Extra heavy duty. Carbon steel (C1215) or equivalent. Zinc phosphate

**TR1690 - Threaded Insert - Solid - Metric**

Stainless steel (AISI 303) or equivalent. Passivated

**TR1692 - Threaded Insert - Solid - Metric**

Carbon steel (C1215) or equivalent. Zinc phosphate

**SE0501 - Expansion Sealing Plugs**

Metric - standard. Zinc-plated, stainless A2/A4 or aluminium

**SE0520 - Pull Expansion Sealing Plugs**

Case hardened & heat-treated steel, black oxide finish

Quick Release Pins

Teknipart's **quick release pins** offer fast, secure, and repeatable positioning and fastening for machinery, fixtures, and assemblies. Engineered for ease of use, durability, and consistent performance, these pins enable rapid component changes, maintenance, or adjustment without compromising stability. Available in a wide range of sizes, load ratings, and materials, Teknipart quick release pins help engineers streamline workflows, reduce downtime, and maintain

precise alignment across demanding industrial applications.

Our quick release pins offering contains;

- Pull pins
- Lanyards
- Spring loaded pins
- Quick release pins



[≡ Products](#)

Quick Release Pins



Quick Release Pins

**QR1004 - Ball Lock Pins - Single Acting - T-Handle**

Self-locking. Stainless steel 1.4305 (AISI 303). Shearing resistance similar to DIN 50141

**QR1006 - Ball Lock Pins - Single Acting - T-Handle**

Self-locking. Stainless steel 1.4542 (AISI 630). Precipitation hardened, blast finish. Shearing resistance similar to DIN 50141

**QR1012 - Quick Release Pins - Metric - T-Handle**

Steel pin. Alloy steel, 4130 (DIN 1.7218), Zinc plated clear chromate

**QR1016 - Quick Release Pins - Metric - T-Handle**

Precipitation hardened stainless pin. Stainless steel 17-4PH (DIN 1.4542, AISI 630)

**QR1022 - Quick Release Pins - Inch - T-Handle**

Steel pin. Alloy steel, 4130 (DIN 1.7218), Cadmium plated

**QR1024 - Quick Release Pins - Inch - T-Handle**

Stainless pin. Stainless steel, AISI 304 (DIN 1.4301) or AISI 303 (DIN 1.4305), passivated

**QR1026 - Quick Release Pins - Inch - T-Handle**

Precipitation hardened stainless pin. Stainless steel 17-4PH (DIN 1.4542, AISI 630). Passivated

**QR1104 - Ball Lock Pins - Single Acting - L-Handle**

Self-locking. Stainless steel 1.4305 (AISI 303). Shearing resistance similar to DIN 50141

**QR1106 - Ball Lock Pins - Single Acting - L-Handle**

Self-locking. Stainless steel 1.4542 (AISI 630). Precipitation hardened, blast finish. Shearing resistance similar to DIN 50141

**QR1116 - Quick Release Pins - Metric - L-Handle**

Precipitation hardened stainless pin. Stainless steel 17-4PH (DIN 1.4542, AISI 630). Passivated

**QR1122 - Quick Release Pins - Inch - L-Handle**

Steel pin. Alloy steel, 4130 (DIN 1.7218), Cadmium plated

**QR1124 - Quick Release Pins - Inch - L-Handle**

Stainless pin. Stainless steel, AISI 304 (DIN 1.4301) or AISI 303 (DIN 1.4305), passivated

[≡ Products](#)

Quick Release Pins



Quick Release Pins

**QR1204 - Ball Lock Pins - Mushroom Handle**

Single acting, self-locking. Stainless steel 1.4305 (AISI 303). Shearing resistance similar to DIN 50141

**QR1206 - Ball Lock Pins - Mushroom Handle**

Single acting, self-locking. Stainless steel 1.4542 (AISI 630), precipitation hardened, blast finish. Shearing resistance similar to DIN 50141

**QR1212 - Quick Release Pins - Metric - B-Handle**

Steel pin. Alloy steel, 4130 (DIN 1.7218), Zinc plated clear chromate

**QR1216 - Quick Release Pins - Metric - B-Handle**

Precipitation hardened stainless pin. Stainless steel 17-4PH (DIN 1.4542, AISI 630) passivated

**QR1222 - Quick Release Pins - Inch - B-Handle**

Steel pin. Alloy steel, 4130 (DIN 1.7218). Cadmium plated

**QR1224 - Quick Release Pins - Inch - B-Handle**

Stainless pin. Stainless steel, AISI 304 (DIN 1.4301) or AISI 303 (DIN 1.4305), passivated

**QR1226 - Quick Release Pins - Inch - B - Handle**

Precipitation hardened stainless pin. Stainless steel 17-4PH (DIN 1.4542, AISI 630) passivated

**QR1256 - Quick Release Pins - Metric - B-Handle**

Precipitation hardened stainless pin. Stainless steel 17-4PH (DIN 1.4542, AISI 630) passivated

**QR1276 - Quick Release Pins - Inch - B-Handle**

Precipitation hardened stainless pin. Stainless steel 17-4PH (DIN 1.4542, AISI 630) passivated

**QR1314 - Quick Release Pins - Metric - R-Handle**

Steel pin. Alloy steel, 4130 (DIN 1.7218), Zinc plated clear chromate

**QR1316 - Quick Release Pins - Metric - R-Handle**

Precipitation hardened stainless pin. Stainless steel 17-4PH (DIN 1.4542, AISI 630) passivated

**QR1322 - Quick Release Pins - Inch - R-Handle**

Steel pin. Alloy steel, 4130 (DIN 1.7218). Cadmium plated

[≡ Products](#)

Quick Release Pins



Quick Release Pins

**QR1356 - Quick Release Pins - Metric - R-Handle**

Precipitation hardened stainless pin. Stainless steel 17-4PH (DIN 1.4542, AISI 630), passivated

**QR1374 - Quick Release Pins - Inch - R-Handle**

Stainless pin. Stainless steel, AISI 304 (DIN 1.4301) or AISI 303 (DIN 1.4305), passivated

**QR1376 - Quick Release Pins - Inch - R-Handle**

Precipitation hardened stainless pin. Stainless steel 17-4PH (DIN 1.4542, AISI 630), passivated

**QR1404 - Ball Lock Pins - Single Acting - Safety Handle**

Self-locking. Stainless steel 1.4305 (AISI 303). Shearing resistance similar to DIN 50141

**QR1406 - Ball Lock Pins - Single Acting - Safety Handle**

Self-locking. Stainless steel 1.4542 (AISI 630), precipitation hardened, blast finish

**QR1456 - Quick Release Pins - Metric - Cup Handle**

Precipitation hardened stainless pin. Stainless steel 17-4PH (DIN 1.4542, AISI 630), passivated

**QR1506 - Quick Release Pins - Metric - Dome**

Precipitation hardened stainless pin. Stainless steel 17-4PH (DIN 1.4542, AISI 630), passivated

**QR1556 - Quick Release Pins - Metric - Dome**

Precipitation hardened stainless pin. Stainless steel 17-4PH (DIN 1.4542, AISI 630), passivated

**QR1604 - Ball Lock Pins - Contoured Handle**

Self-locking, single acting. Stainless steel 1.4305 (AISI 303). Shearing resistance similar to DIN 50141

**QR1606 - Ball Lock Pins - Contoured Handle**

Self-locking, single acting. Stainless steel 1.4542 (AISI 630), precipitation-hardened, blast finish

**QR1704 - Ball Lock Pins - Black Plastic Handle**

Self-locking, single acting. Stainless steel 1.4305 (AISI 303). Shearing resistance similar to DIN 50141

**QR1706 - Ball Lock Pins - Black Plastic Handle**

Self-locking, single acting. Stainless steel 1.4542 (AISI 630), precipitation hardened, blast finish. Shearing resistance similar to DIN 50141

[≡ Products](#)

Quick Release Pins



Quick Release Pins

**QR1714 - Ball Lock Pins - Grey Plastic Handle**

Self-locking, single acting. Stainless steel 1.4305 (AISI 303). Shearing resistance similar to DIN 50141

**QR1716 - Ball Lock Pins - Grey Plastic Handle**

Self-locking, single acting. Stainless steel 1.4542 (AISI 630), precipitation hardened, blast finish

**QR1724 - Ball Lock Pins - Blue Plastic Handle**

Self-locking, single acting. Stainless steel 1.4305 (AISI 303). Shearing resistance similar to DIN 50141

**QR1726 - Ball Lock Pins - Blue Plastic Handle**

Self-locking, single acting. Stainless steel 1.4542 (AISI 630), precipitation hardened, blast finish

**QR1734 - Ball Lock Pins - Orange Plastic Handle**

Self-locking, single acting. Stainless steel 1.4305 (AISI 303). Shearing resistance similar to DIN 50141

**QR1736 - Ball Lock Pins Orange Plastic Handle**

Self-locking, single acting. Stainless steel 1.4542 (AISI 630), precipitation hardened, blast finish

**QR1804 - Ball Lock Pins - Single Acting**

Self-locking, adjustable length. Stainless steel 1.4305 (AISI 303). Shearing resistance similar to DIN 50141

**QR5584 - Aviation Pip-Pin - Standard B Handle**

Single acting. Steel. Temperature range -22° F to 302° F

**QR5585 - Aviation Pip-Pin - Standard T-Handle**

Single acting. Steel. According to NASM 17985. Temp. range -220F to 3020F

**QR5586 - Aviation Pip-Pin, Standard LA Handle**

Single acting. Stainless steel. According to NASM 17985. Temperature range -22°F to 302°F

**QR5587 - Aviation Pip-Pin - Standard R Handle**

Single acting. Stainless steel. According to NASM 17985. Temperature range -22°F to 302°F

[≡ Products](#)

Quick Release Pins



Pull Pins

**PP1200.1 - Detent Pin**

Carbon steel (C1144), zinc plated.
Stainless steel AISI 316 ball & spring

**PP1200.2 - Detent Pin**

Carbon steel (C1144), zinc plated.
Stainless steel AISI 316 ball & spring

**PP1202.1 - Detent Pin**

Stainless steel, AISI 303. Stainless steel,
AISI 316 ball & spring

**PP1202.2 - Detent Pin**

Stainless steel, AISI 303. Stainless steel,
AISI 316 ball & spring

**PP1210 - Detent Pin - Ring Handle - Shoulder**

Carbon steel (C1144), zinc plated.
Stainless steel AISI 316 ball & spring

**PP1212 - Detent Pin - Ring Handle - Shoulder**

Stainless steel, AISI 303. Stainless steel,
AISI 316 ball & spring

**PP1216 - Detent Pin - T Handle - Shoulder**

Stainless steel, AISI 303. Stainless steel,
AISI 316 ball & spring

**PP1220 - Detent Pin - L Handle - Shoulder**

Stainless steel, AISI 303. Stainless steel,
AISI 316 ball & spring

**PP1250 - Socket Pins**

Non-locking. Stainless steel 1,4305
(AISI 303)

**PP1700 - Lock Pin - Square Wire - Double**

Carbon steel, C1008-C1010, zinc
plated. Or stainless steel AISI 304.
Double wire loop: hard drawn spring
wire

**PP1702 - Lock Pin - Round Wire - Double**

Carbon steel, C1008-C1010, zinc
plated. Or stainless steel AISI 304.
Double wire loop: hard drawn spring
wire

**PP1704 - Lock Pin - Round Wire - Tab Pin**

Carbon steel, C1008-C1010, zinc
plated. Or stainless steel AISI 304.
Double wire loop: hard drawn spring
wire

[≡ Products](#)

Quick Release Pins



Pull Pins

**PP1706 - Lock Pin - Square Wire - Single**

Carbon steel, C1008-C1010, zinc plated. Single wire loop: hard drawn spring wire

**PP1730 - Linch Pins**

Mild steel, generally yellow zinc plated. To DIN 11023. With spring steel "keep"

[≡ Products](#)

Quick Release Pins



Lanyards

**LA1010 - Lanyard - Loop To Rectangular Tab**

Stainless steel 7x7 wire, RR-W-410. Crimps/sleeves stainless steel (to MIL-51844)

**LA1012 - Lanyard - Split Ring To Rectangle Tab**

Stainless steel wire rope. Zinc plated brass crimps. Conform to military spec MIL-DTL-83420 specification

**LA1050 - Lanyard - Loop To Teardrop Tab**

Stainless steel 7x7 wire, RR-W-410. Crimps/sleeves stainless steel (to MIL-51844)

**LA1060 - Lanyard - Loop To Loop**

Stainless steel 7x7 wire, RR-W-410. Crimps/sleeves stainless steel (to MIL-51844)

**LA1066 - Lanyard - Loop To Loop**

With split rings. Crimps/sleeves stainless steel. Crimps tested to failure at 28 Kgf

**LA1070 - Lanyard - Loop To Eyelet**

Stainless steel 7x7 wire, RR-W-410. Crimps/sleeves stainless steel (to MIL-51844)

**LA1076 - Lanyard - Eyelet To Loop**

With split rings. Crimps/sleeves stainless steel. Crimps tested to failure at 28 Kgf

**LA1220 - Lanyard - Bead Chain**

Stainless steel AISI 304. For use in securing components to assemblies, or to avoid items being misplaced

**LA1310 - Locating Bushes**

For quick and safe location of single acting ball lock pins. Stainless steel 1.4305. (AISI 303)



[≡ Products](#)

Quick Release Pins



Spring Loaded Pins

**SL1112 - Index Plungers - Lever Grip**

Locking, coarse thread. Free cutting steel, zinc plated. Temperature resistance up to 250°C

**SL1410 - Spring Loaded Pin - Metric - Pull Grip**

Non-locking, metal grip. Steel 12L14 or 303 stainless steel

**SL1419 - Spring Loaded Pin - Inch - Pull Grip**

Locking, metal grip. Steel 12L14, zinc gold chromate finish

**SL1611 - Spring Loaded Pin - Metric - Pull Grip**

Non-locking. Steel 12L14 or 303 stainless steel

**SL1613 - Spring Loaded Pin - Metric - Pull Grip**

Locking. Steel 12L14 or 303 stainless steel

**SL2016 - Spring Loaded Pin - Inch - T-Handle**

Non-locking. Steel C1038, stainless steel AISI 303 or aluminium 6061-T6

**SL2018 - Spring Loaded Pin - Inch - T-Handle**

Locking. Steel C1038, stainless steel AISI 303 or aluminium 6061-T6

**SL2516 - Spring Loaded Pin - Adjustable Length**

Inch, grip handle, weldable. Steel, 12L15, un-plated

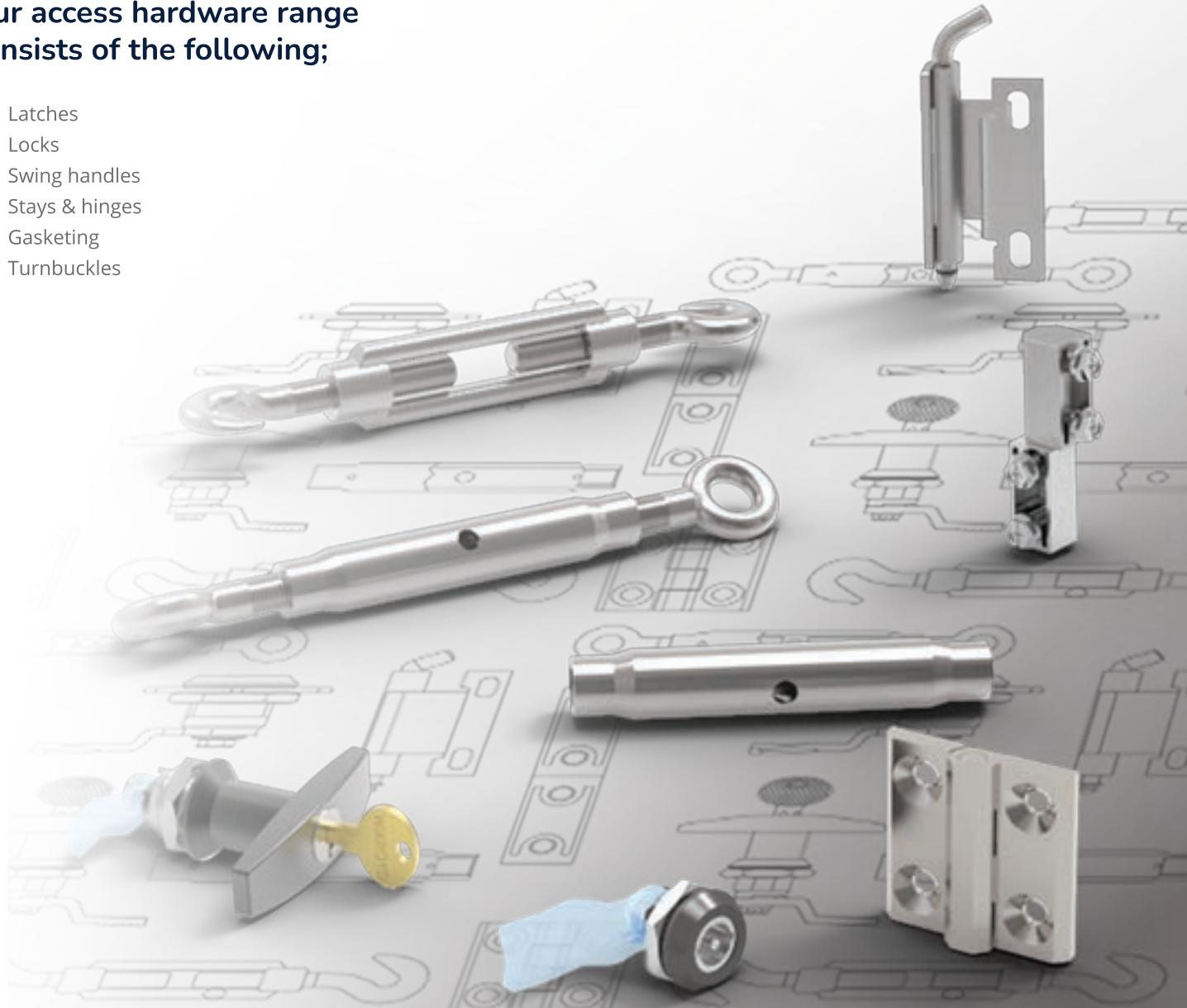
Access Hardware

Our **access hardware** provides secure, convenient, and reliable closure solutions for enclosures, panels, and equipment doors. From **cam and swing latches** to **hinges** and **stays** each product is engineered for durability, smooth operation, and long-term performance. These components ensure controlled opening and closing, vibration- resistant fastening, and safe positioning during maintenance or inspection. With multiple materials, finishes, and sizes

available, Teknipay access hardware allows engineers to design equipment that is safe, user-friendly, and fully serviceable in the field.

Our access hardware range consists of the following;

- Latches
- Locks
- Swing handles
- Stays & hinges
- Gasketing
- Turnbuckles



[Products](#)

Access Hardware



Latches

**CC0020 - Single Point Cams - Flexi-System**

For cam latches and locks. 8x8 sq. Steel, zinc plated

**CC0022 - Single Point Cams - Flexi-System**

For cam latches and locks. 8x8 sq. Stainless steel AISI 304

**CC0030 - Single Point Cams - Steel**

For adjustable grip compression cam latches. Steel, zinc plated

**CC0040 - Two Point Cams - Flexi-System**

For 3-point latching of cam latches & locks. 8x8 sq. Steel, zinc plated

**CC0340 - Multi-Point Latching Set**

Round rod, for cam latches & swing handles. Steel, zinc plated

**CC0400 - Cam Latches - Flexi-System**

Insert driver, fixed grip. Die cast zinc

**CC0410 - Cam Latches - Flexi-System**

Insert driver, fixed grip. Polyamide plastic, black

**CC0420 - Cam Latches - Flexi-System**

Insert driver, fixed grip. Stainless steel, AISI 304

**CC0430 - Cam Latches - Flexi-System**

Padlock wing handle, fixed grip. Die cast zinc, pocked black powder or chrome plated

**CC0440 - Cam Latches - Flexi-System**

Fixed grip, finger handle. Polyamide, black

**CC0460 - Cam Latches - Flexi-System**

Insert driver, extended body. Die cast zinc, chrome plated

**CC0500 - Mini Cam Latches**

Insert driver, fixed grip. Die cast zinc, chrome plated or black powder coated

[≡ Products](#)

Access Hardware



Latches

**CC0800 - Compression Latches - Flexi-System**

Insert driver, fixed grip. Die cast zinc, finished in chrome plate or black powder coating

**CC0802 - Compression Latches - Flexi-System**

Insert driver, fixed grip. Stainless steel, AISI 304

**CC0810 - Compression Latches - Flexi-System**

Insert driver, adjustable grip. Die cast zinc, chrome plate or black coated finish

**PL0500 - Swing Handles - With Rod Control**

40mm euro cylinder lock with dust cover. Die cast zinc, black powder coated

**PL0520 - Swing Handles - With Rod Control**

Standard cylinder. Polyamide (PA), black

**PL0580 - Cam Latch - Flush T-Handle - Rod Control**

Vertical, heavy duty. Fixed grip, standard cylinder lock. Stainless steel, AISI 303

**PL0585 - Cam Latch - Flush T-Handle**

Vertical, heavy duty. Fixed grip, standard cylinder lock. Stainless steel, AISI 303

**PL0710 - Push To Close Paddle Latches**

Pull to open, slam action. Standard cylinder lock. Steel, black powder coated

**PL0712 - Push To Close Paddle Latches**

Pull to open, slam action. Standard cylinder lock. Steel, black powder coated

**PL0730 - Push To Close Paddle Latches**

Pull to open, slam action. Standard cylinder lock. Steel, black powder coated

**PL0740 - Push To Close Paddle Latches**

Pull to open, slam action. Standard cylinder lock. Stainless steel AISI 304

[Products](#)

Access Hardware



Locks

**CC1210 - Compression Locks**

Lever latch, adjustable grip. Flush trigger. Die cast zinc, black powder coated

**CC1215 - Compression Locks**

Lever latch, adjustable grip. Raised trigger. Die cast zinc, black powder coated

**CC1220 - Compression Locks**

Lever latch, adjustable grip. Die cast zinc, black powder coated

**CC2010 - Cam Locks - Flexi-System**

Fixed grip. Die cast zinc, finished in chrome plate or black powder coating

**CC2020 - Cam Locks - Wing Handle**

Flexi-system, fixed grip. Die cast zinc, finished in chrome plate or black powder coating

**CC2050 - Mini Cam Lock**

Fixed grip. Die cast zinc, bright chrome plated

**CC2200 - Cam Locks - Flexi-System**

T-handle, fixed grip. Die cast zinc. Finished in chrome plate or black powder coating

**CC2210 - Cam Locks - Flexi-System**

L-handle, fixed grip. Die cast zinc, finished in chrome plate or black powder coating



[≡ Products](#)

Access Hardware



Swing Handles

**PL0100 - Swing Handles - Cam Control**

40mm euro cylinder lock with dust cover. Die cast zinc, black powder coated

**PL0120 - Swing Handles - Cam Control**

Standard cylinder lock. Die cast zinc, pocked black power coated

**PL0210 - Swing Handles - Cam Control**

Standard cylinder. Polyamide PA6, black

[Products](#)

Access Hardware



Stays & Hinges

**HH0010 - Surface Mount - Leaf Hinges**

Screw mount. Die cast zinc, black powder coated

**HH0012 - Surface Mount - Leaf Hinges**

Screw mount. Polyamide

**HH0020 - Surface Mount - Leaf Hinges**

Screw mount. Stainless steel, AISI 304

**HH0100 - Surface Mount - Leaf Hinges**

Integrated stud mount. Die cast zinc, black powder coated

**HH0102 - Surface Mount - Leaf Hinges**

Integrated stud mount. Die cast zinc, black powder coated

**HH0700 - Concealed Pivot Hinges - Lift Off**

22-25mm door return. Weld and countersunk screw. Steel, white zinc plated

**HH0710 - Concealed Pivot Hinges - Lift Off**

23mm door return. Weld and countersunk screw. Steel, white zinc plated

**HH0720 - Concealed Pivot Hinges - Lift Off**

20-24mm door return. Weld and oval head screw. Steel, white zinc plated

**HH0730 - Concealed Pivot Hinges - Lift Off**

20-24mm door return. Weld and oval head screw. Steel, white zinc plated

**HH0750 - End Mount Concealed Pivot Hinge**

Spring loaded, screw or weld on. Steel, zinc plated

**HH1200 - Lift-Off Hinges - Off-Set**

Screw mount. Stainless steel, AISI 304, polished finish

**HH1210 - Lift-Off Hinges - Off-Set**

Bolt on. Die cast zinc, black powder coated

[≡ Products](#)

Access Hardware



Stays & Hinges

**HH1215 - Cabinet Hinges**

Die cast zinc. Opening angle 180°

**HH1220 - Lift-Off Hinges - In Line**

Bolt on. Die cast zinc, chrome plated or black powder coated

**ST0010 - Lid Stays**

Left or right hand specific. Ideal for screw or weld-on mounting. Steel, zinc plated

**ST0012 - Lid Stays - Heavy Duty**

Left or right hand specific. Ideal for screw or weld-on mounting. Steel, zinc plated

**ST0014 - Lid Stays**

Left or right hand specific. Ideal for screw or weld-on mounting. Stainless steel, AISI 304

**ST0016 - Lid Stays - Heavy Duty**

Left or right hand specific. Ideal for screw or weld-on mounting. Stainless steel, AISI 304

**ST0500 - Door Stays**

100° opening. Mechanically locks door at fully open position. Stainless steel, AISI 304, polished

**ST0510 - Door Stays Heavy Duty**

100° opening. Suitable for heavy duty horizontal door applications. All parts from stainless steel, AISI 304

≡ **Products**



Access Hardware



Gasketing



GA0010 - Gasket

EPDM, top bubble, black. Supplied in 10m lengths as standard



GA0020 - Gasket

EPDM, side bubble, black. Supplied in 10m lengths as standard



GA0100 - Gasket

EPDM, black. Supplied in 10m lengths as standard

[≡ Products](#)

Access Hardware



Turnbuckles

**LP1300 - Pipe Body Turnbuckles**

Steel (1.0037), zinc-plated. To DIN 1478

**LP1302 - Pipe Body Turnbuckles**

Stainless steel (A4). To DIN 1478

**LP1304 - Stud End Pipe Body Turnbuckles**

Steel (1.0037 up to M48 then 1.0052), zinc-plated. To DIN 1478

**LP1308 - Eye End Pipe Body Turnbuckles**

Steel (1.0037), zinc-plated. To DIN 1478

**LP1310 - Eye End Pipe Body Turnbuckles**

Stainless steel (A4). To DIN 1478

**LP1312 - Hook & Eye Pipe Body Turnbuckles**

Steel (1.0037 up to M48 then 1.0052), zinc-plated. To DIN 1478

**LP1314 - Hook & Eye Pipe Body Turnbuckles**

Stainless steel (A4). To DIN 1478

**LP1316 - Hook End Pipe Body Turnbuckles**

Steel (1.0037 up to M48 then 1.0052), zinc-plated. To DIN 1478

**LP1320 - Jaw End Pipe Body Turnbuckles**

Steel body(1.0037) Jaws (1.0503), zinc-plated. To DIN 1478

**LP1325 - Hexagonal Body Turnbuckles**

Steel (1.0037), zinc-plated. To DIN 1479

**LP1326 - Hexagonal Body Turnbuckles**

Stainless steel (A4). To DIN 1479

**LP1330 - Turnbuckles**

Steel (1.0037), zinc-plated. To DIN 1480

[Products](#)

Access Hardware



Turnbuckles

**LP1332 - Turnbuckles**

Stainless steel (A4). To DIN 1480

**LP1334 - Stub End Turnbuckles**

Steel (1.0037), zinc-plated. To DIN 1480 stub end

**LP1338 - Plain End Turnbuckles**

Steel (1.0037 up to M48 then 1.0052), zinc-plated. To DIN 1480 plain ends

**LP1340 - Eye End Turnbuckles**

Steel (1.0037), zinc-plated. To DIN 1480 eye to eye

**LP1344 - Hook End Turnbuckles**

Steel (1.0037), zinc-plated. To DIN 1480 hook to hook

**LP1348 - Jaw End Turnbuckles**

Steel body (1.0037), jaws (1.0503), zinc-plated. To DIN 1480 jaw to jaw

**LP1350 - Hook & Eye Turnbuckles**

Steel (1.0037), zinc-plated. To DIN 1480 hook & eye

**LP1360 - Eyes For Turnbuckles**

Steel (1.0037), zinc-plated

**LP1362 - Hooks For Turnbuckles**

Steel (1.0037)

**LP1364 - Jaws For Turnbuckles**

Steel (C45, 1.0503), zinc-plated



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Our approach to

Sustainability

In our mission to adopt an earth-conscious operation, we have some greener solutions in place, including;

Solar panels

Sensor & LED lighting

Plastic free packaging

**Recycle excess metal used
in production**

Electric car charging

Zero waste-to-landfill certified



Our values

- ✓ We **care** about our **customers**
- ✓ We **care** about each other
- ✓ We **deliver**
- ✓ We are an **effective team**



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