

TR Branded Products Overview



TR RIVET BUSHES

Range: Round • Hexagon • Mini • Tank • Stand-Offs

Threads: Metric • Unified

Materials: Steel • Stainless Steel • Aluminium • Brass



TR SCREWS FOR PLASTIC

Range: Standard & High Performance

Heads: Pan • Countersunk • Flange • Hexagon

Drives: PoziDrive® • Cross Recess • Slotted • T-Drive (6-Spline)

Materials: Steel • Stainless Steel



TR INSERTS FOR PLASTIC

Range: Cold • Heat • Ultrasonic

Application: Thermoplastic • Thermoset

Threads: Metric • Unified

Materials: Brass



TR MICRO DIAMETER

Range: Machine Screws • Threadforming Screws • Nuts • Washers

Sizes: M0.6 to M2.5

Materials: Steel • Stainless Steel



TR SELF-CLINCH FASTENERS

Range: Studs • Nuts • Stand-Offs • Panel Fasteners

Threads: Metric • Unified

Materials: Steel • Stainless Steel • Aluminium



TR BLIND RIVET NUTS

Range: Flange Head • Countersunk • Reduced Head • Sealed

Threads: Metric • Unified

Materials: Steel • Stainless Steel • Aluminium



TR SECURITY FASTENERS

Range: Machine Screws • Self-Tapping Screws • Bolts • Nuts

Heads: Pan • Button • Countersunk • Hexagon

Drives: Re-usable • Permanent

Materials: Steel • Stainless Steel



BINX® ALL METAL SELF-LOCKING NUTS

Range: Binx® • Tri-5 • Tri-6 • Wun-loc • Hank-loc

Threads: Metric • Unified

Materials: Steel • Stainless Steel • Brass • Aluminium

TR FASTENINGS Contact Us



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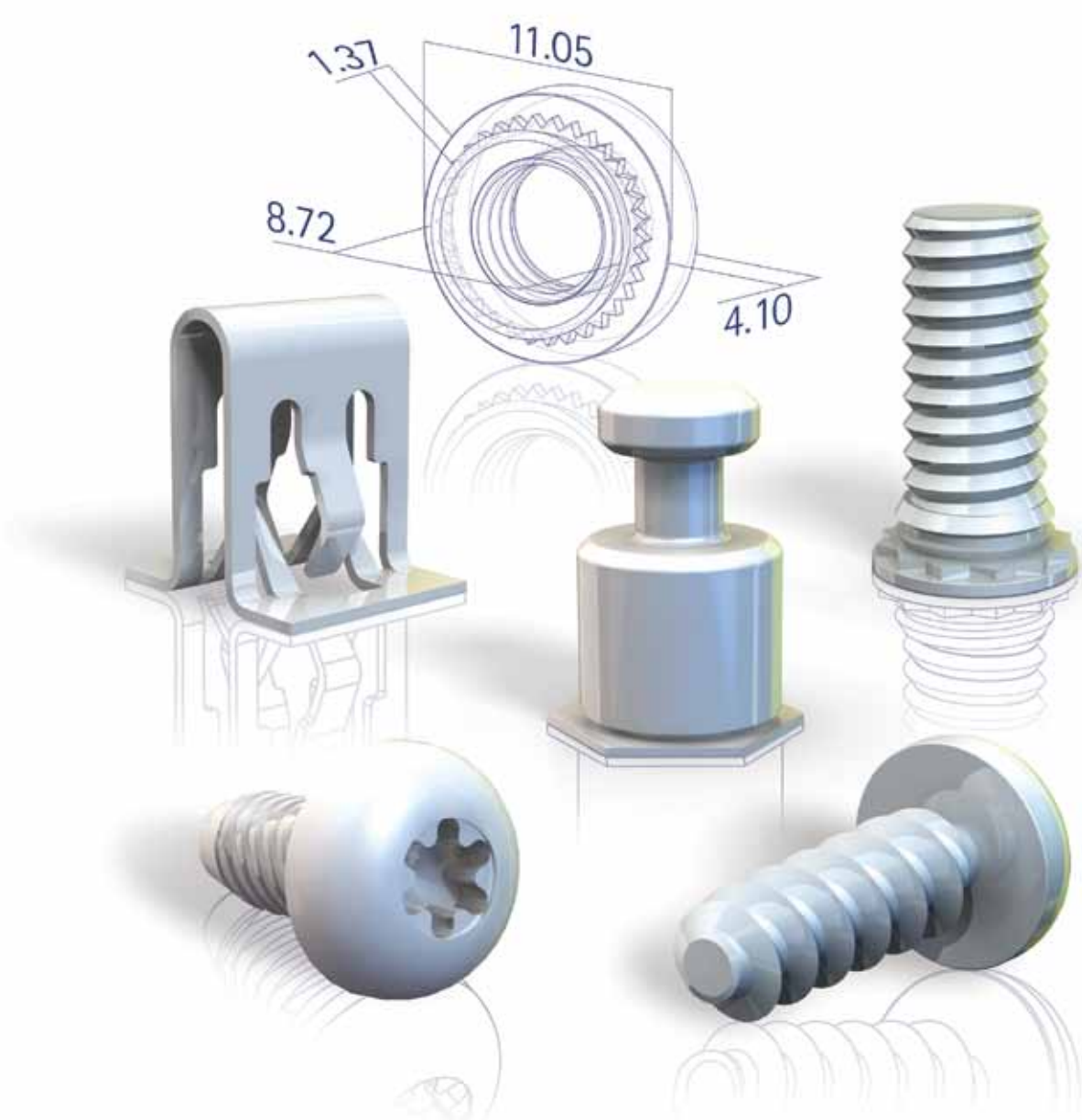
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APPLICATION ENGINEERING Service Overview



APPLICATION ENGINEERING AND TECHNICAL SUPPORT FROM TR FASTENINGS

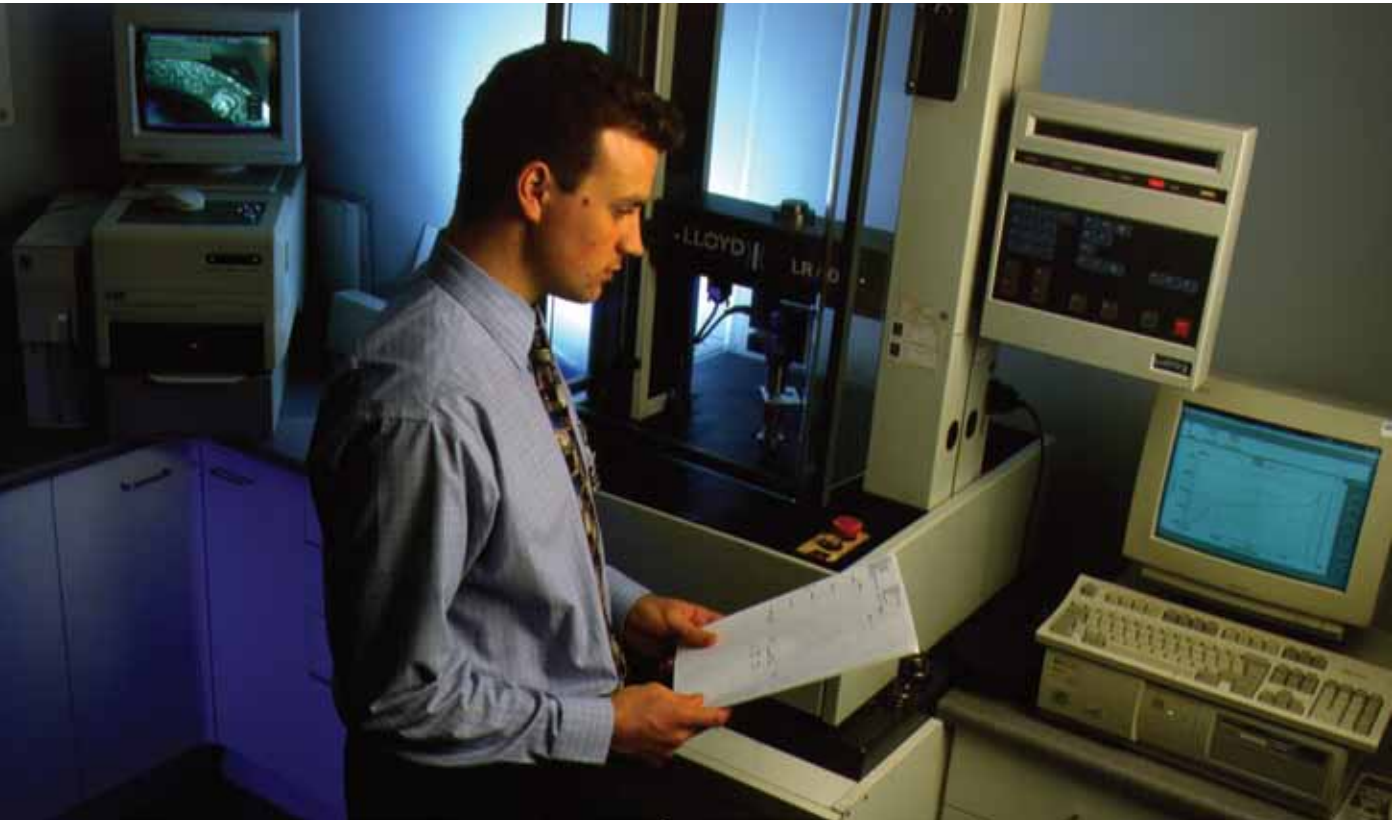
TR Fastenings is recognised throughout the industry for world-class products and services. We manufacture, stock and distribute a vast range of industrial fasteners and associated components.



www.trfastenings.com

Edition 3

Application Engineering About



Design Support And Application

Our research and engineering capabilities encompass specific engineering disciplines, supporting both our own network and customer application solutions.

Product Engineering

Many companies overlook fasteners when it comes to designing new products and yet the right choice can make a dramatic difference to the overall assembly costs and lifespan of the finished product. Our engineers are experts in mechanical assembly and can always recommend the right fastener, taking into account cost, assembly method and performance.

Rationalisation

We work closely with our customers to review and

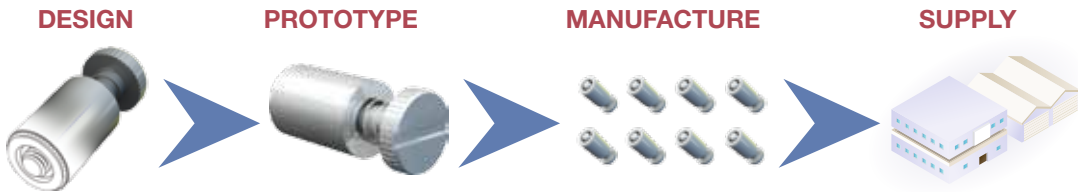
rationalise product ranges so that you can be assured you only buy the right products for your business, reducing costs and increasing efficiency.

Technical Support

Our technical support includes 3D mechanical design solutions, 3D modelling and analysis tools, data management solutions, drawing, specification creation and control.

Registrations

- ISO 9001 : 2008
- Automotive standards in accordance with ISO/TS 16949
- ISO 14001 : 2004
- Health & Safety in accordance with OHSAS 18001
- BS EN9120 : 2005



For more information contact us now:
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The TR Website Overview



24 Hour Support

The TR Fastenings technical website has dimensional information on 1000's of products. This site also gives our customers access to the most comprehensive free fastener CAD library available. With over 20,000 configurations in the library, you can specify the exact size of fastener you require then download the correctly sized model in any one of 27 different 2D and 3D formats. These include: AutoCAD, Catia, Pro/Engineer, SolidWorks, DXF, IGES and STEP.

The enquiry basket has been designed to make specifying fasteners as easy as possible. We know most engineers work on many individual projects and that these projects often need fasteners. With the enquiry basket you can save fastener specifications from our site into individual projects making them much easier to find later. With our enquiry basket you can:

- Generate TR part numbers for any item on our site
- Save items into enquiries
- Create as many enquiries as you need
- Quickly send enquiries to TR

For more information contact us now:
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Our online product knowledge base articles have been designed to assist customer application design and assemblies.

Other functions include the animation library showing a step by step guide of how our branded fasteners work, conversion calculator, and access to our engineering newsletter keeping you informed of all the latest news and developments.

www.trfastenings.com

TR Products Overview



Products

We stock and supply a vast range of standard fasteners to DIN, ISO & ANSI standards.

Our own range of fastener solutions for specific industries and applications, including: fasteners for sheet metal, fasteners for plastic, security fasteners, thread-locking nuts and micro-diameter fasteners from M0.6.



Customer Specials

Our factories in Europe and Asia produce bar turned and cold formed fasteners from 0.6mm diameter up to 12mm diameter, specifically to customer drawings.

In addition, our global network of approved sub-contractors allows us to offer practically any size of turned, cold-formed, pressed or moulded components.



Asian Manufacturing

Our manufacturing network spans two continents and produces 25% of all the components we sell.

As a large-scale manufacturer we appreciate the importance of quality, cost and consistency. We can ensure parts are made on the right machinery and in the right part of the world to meet your cost and delivery needs.



Industry Sectors

TR has specialist teams dedicated to individual industries to help give you the technical expertise that's relevant to your business.

These include Aerospace & Defence, Marine, Automotive, Electronics, Home Appliance, IT & Telecomms, Petrochemical, Audio and Medical.

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