

# Global specialist in the design, engineering, manufacture and distribution of industrial fastenings.

The TR Group majors on engineering, design, manufacture and distribution of mechanical fasteners on a global basis to both distributors and OEM assemblers.



## Manufacture & supply

- 32 business locations within the UK, Asia, Europe and the USA including 8 high volume, high-quality and cost-effective manufacturing sites.
- We supply components to over 5000 companies globally across a wide range of industries.

## Global support

- Our worldwide operations span the UK, Ireland, Netherlands, Norway, Sweden, Hungary, Italy, Germany, Spain, Poland, Thailand, Singapore, Malaysia, China, Taiwan, India, the Philippines and the USA.
- Our website [www.trfastenings.com](http://www.trfastenings.com) provides 24 hour technical support with specifications on thousands of fasteners, animations and downloadable CAD files.

## Engineering & quality

- Every industry has specific needs in both product and quality requirements which we can meet through the extent of our portfolio and scope of our quality certification including, ISO 9001, ISO 14001 & IATF 16949.
- We have a wealth of engineering experience which customers can utilise. Our engineers work on refining tool design, production processes and efficiencies. This ensures the part is manufactured to the correct specification at the lowest possible cost.
- To ensure all quality requirements are met for the parts we supply, we adopt an APQP process for all automotive customers which can be utilised on request for any sector.

## Full service provider

- As a full service provider we are able to assist in reducing the total cost of ownership for companies by working with them from early engineering and design stage, right through to specification, manufacturing, quality and logistics.
- We adopt a three-tier approach that includes local, national and international teams. TR understands that a global solution creates some challenges; including communication, culture and security.
- TR's global delivery model has been designed from the ground up to address these challenges. Most importantly, our global delivery operations provide customers with both the quality and economic advantages that they require.

[www.trfastenings.com](http://www.trfastenings.com)  
[sales@trfastenings.com](mailto:sales@trfastenings.com)



# TR FASTENINGS

## Core product range



### TR RIVET BUSHES

**Range:** Round, Hexagon, Mini, Euro, Tank, Swage Nuts, Stand-Offs



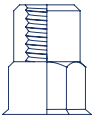
### TR SELF CLINCH FASTENERS

**Range:** Studs, Nuts, Stand-Offs, Panel Fasteners, Cable Tie Mounts



### TR SCREWS FOR PLASTIC

**Range:** Standard Performance, High Performance



### TR BLIND RIVET NUTS

**Range:** Flange Head, Countersunk, Reduced Head, Sealed



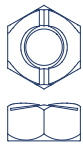
### TR INSERTS FOR PLASTIC

**Range:** Cold, Heat, Ultrasonic



### TR SECURITY FASTENERS

**Range:** Machine Screws, Self-Tapping Screws, Bolts, Nuts



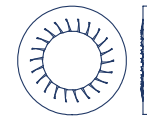
### NUTS

**Range:** Full, Lock, Binx® Self-Locking, Nylon insert, Castle & Many More



### MACHINE SCREWS

**Heads:** Pan, Countersunk, Flange, Hexagon



### WASHERS

**Range:** Flat, Shake Proof, Lock



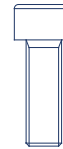
### BOLTS & STUDDING

**Range:** Sets, Bolts, Studding, Carriage



### SELF TAPPERS

**Range:** Pointed, Blunt, Thread-Cutting



### SOCKET PRODUCTS

**Range:** Cap, Button, Countersunk, Set, Shoulder, Keys



### RIVETS

**Range:** Blind, Semi-Tubular, Solid, Push



### PINS

**Range:** Roll, Dowel, Split, Groove, Taper



### THREAD FORMING

**Heads:** Pan, Countersunk, Flange, Hexagon



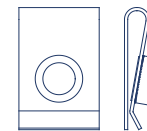
### CIRCLIPS

**Range:** Internal, External, Heavy Duty & Many More



### SCREW WASHER ASSEMBLIES

**Range:** Single Washer, Double Washer



### SPRING STEEL FASTENERS

**Range:** Cage Nuts, U Nuts, J Nuts, Torque Nuts & Many More



### SPACERS & PILLARS

**Range:** Female/Female, Male/Female, Male/Male, Thru Hole



### TR PLASTIC FASTENERS

**Range:** Circuit Board Hardware, Screws & Rivets, Cable Management



### TURNED PARTS

We produce bar turned and cold formed fasteners from 0.6mm diameter upwards



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### TR MICRO DIAMETER

**Range:** Machine Screws, Threadforming Screws, Nuts, Washers



### LOCKING NUTS

**Range:** Binx®, Tri-5, Tri-6, Wun-loc, Hank-loc