

# Global engineering, manufacturer & supplier 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

- We have 31 locations, of which 8 are high volume production manufacturing sites producing over 33% of the product sold and distributed to over 60 countries.
- We supply in excess of 60 billion components annually to 5,000 companies globally across a wide range of industries, including automotive, electric vehicle charging units, electronics & telecoms, general industrial, home appliance & distributor sales.

## 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

- The services we provide include early design and technical involvement, VA/VE engineering, global sourcing and logistical solutions. We therefore fulfil a role as an FSP - Full Service Provider.

**[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



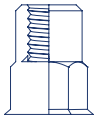
### TR SELF CLINCH FASTENERS

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



### TR SCREWS FOR PLASTIC

**Range:** Standard Performance, High Performance



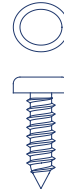
### TR BLIND RIVET NUTS

**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



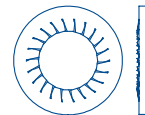
### NUTS

**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



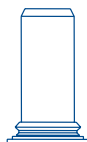
### SOCKET PRODUCTS

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



### RIVETS

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



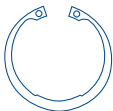
### PINS

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



### THREAD FORMING

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



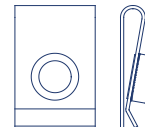
### CIRCLIPS

**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