TR PRODUCT RANGE

TR Fastenings is recognised throughout the industry for world class products & services

We manufacture, stock & distribute a vast range of industrial fasteners & components







www.trfastenings.com sales@trfastenings.com Edition 3

TR Products

Screws and Bolts

Machine screws
Screws for plastic
Hexagon screws and bolts
Hexagon socket screws
Set screws
Threadforming screws for metal
Self tapping screws
Self drilling screws
Micro screws
Wood screws





Nuts

Standard hexagon Standard flange Nylon insert Binx® All metal self locking Weld Cap Castle Square Many more ...





Washers, Circlips and Rings

Washers

Flat Spring

Toothed and serrated

Tab

Tapered

Many more ...

Circlips

External

Heavy duty external

E-type external

Internal

Heavy duty internal



Fasteners for Sheet Metal

Hank® self clinch fasteners Hank® rivet bushes Blind rivet nuts Blind rivets Weld nuts K-series nuts CD weld studs Masking caps and plugs Spring steel fasteners Solid and tubular rivets





TR Products

Fasteners for Plastic

Screws for plastic Plas-tech® 30 Plas-fix® 45 + 60 Thread cutting Type BT + YHi-lo thread JCIS P-type M1.4 to M2.6 JCIS B-type M1.4 to M2.6

Inserts for plastic

Sonic-sert Heat-sert Broaching-sert Expansion-sert Tech-sert Many more ...





Plastic Hardware

Circuit board hardware Cable management **Rivets** Machine screws Threaded spacers Threaded pillars Nuts Through spacers Washers **Bumpers** Masking caps and plugs





Spacers and Pillars

Threaded spacers

Hexagon female-female Round female-female

Threaded pillars

Hexagon male-female Hexagon male-male Round male-female Hexagon self tapping male-female







Security Fasteners

Machine screws Self tapping screws Wood screws Self drilling screws Nuts

Drive types:

Pin hexagon Pin recess Torx® drive 2 hole One way cross recess Oval Triangular One way slot Many more ...





TR Products

Enclosure Hardware

Locking systems

Locks

Lock components

Hinges

Latches

Clamps Terminals

Gaskets

Handles

Accessories





Pins and Keys

Pins

Grooved

Parallel dowel

Spiral

Split

Slotted spring

Taper Clevis

Keys

Parallel keys Woodruff keys





Tooling and Driver Bits

Standard driver bits

Hexagon - short/long PoziDriv® - short/long

H drive - short/long

Torx® - short/long

Standard driver keys

Hexagon

Hexagon with pilot Torx®

Security drivers



Hose Clips and Clamps

General purpose clips Heavy duty clamps Tamper proof clamps P-clips









TR Fastenings

Bespoke Products

Our factories in Asia and Europe produce components which are specifically tailored to customer drawings. In addition, our strategic partnerships with other worldclass manufacturers, allow us to offer a wide range of practically any size of turned, cold-formed, pressed or moulded components.





Services

TR Fastenings is part of Trifast plc and is an international specialist in the design, engineering, manufacture and distribution of high quality industrial and Cat C fastenings principally to major global assembly industries.

TR has 32 business locations within the UK, Asia, Europe and the USA including, eight high volume, high-quality and cost-effective manufacturing sites. TR's manufacturing network represents a third of the Groups husiness







Industries

TR Fastenings supplies components to over 5,000 companies globally across a wide range of industries, including automotive, electronics, domestic appliances

As a full-service provider to multinational OEMs and Tier 1 companies, TR delivers comprehensive support to its customers across every requirement, from concept design through to technical engineering consultancy, manufacturing, supply management and global logistics.







Manufacturing

We have a manufacturing network in Europe and Asia specialising in producing high volume parts specifically to customer drawings. Our factories are strategically placed geographically to provide cost efficient product to very high quality standards.





Website

www.trfastenings.com is designed to be the ultimate go-to resource for engineers, designers and buyers.

- Over 50,000 products 2D/3D fastener models
- Animated installation guides
- Tooling requirements and technical information
 Detailed performance data

- Material and finish specifications Fastener standards and comparison tables







t: +44 (0)8454 811 800 f: +44 (0)870 458 7851 e-mail: uk@trfastenings.com

Ireland

t: +353 (0)22 22301 f: +353 (0)22 22056 e-mail: ireland@trfastenings.com

Netherlands

t: +31 (0)541 511515 f: +31 (0)541 517134 e-mail: netherlands@trfastenings.com

Norway t: +47 67 06 70 00 f: +47 67 06 70 10 e-mail: norway@trfastenings.com

Sweden

t: +46 (0)8 578 44 900 f: +46 (0)8 578 44 950 e-mail: sweden@trfastenings.com

Spain t: +34 93 647 22 45 e-mail: spain@trfastenings.com

Hungary t: +36 (06)24 516970_f: +36 (06)24 516961 e-mail: hungary@trfastenings.com

Birmingham - UK

t: +44 (0)121 521 0100 f: +44 (0)121 521 0101 e-mail: wednesbury@trfastenings.com

sales@trfastenings.com









Poland - Representative t: +48 (22)402 36 14 f: +48 (22)402 36 24 e-mail: poland@trfastenings.com

t: +39 (0)75 9149015 f: +39 (0)75 9190165 e-mail: info@trvic.it

 $t: +49 \ (0) \ 5246 \ . \ 50320 \ -0 \ \ f: +49 \ (0) \ 5246 \ . \ 50320 \ -70$ e-mail: info@trkuhlmann.com

Slovakia - Representative

m: +421(0)911 012 016 e-mail: slovakia@trfastenings.com

USA

t: +1 800-280-2181 f: +1 281-807-0620 e-mail: usa@trfastenings.com

Singapore t: +65 6759 6033 f: +65 6759 6022 e-mail: singapore@trfastenings.com

Technical and Innovation Centres

Gothenburg - Sweden t: +46 (0)31 31 760 776 f: +46 (0)8 578 44 950 e-mail: sweden@trfastenings.com

www.trfastenings.com

Malaysia t: +6 (03) 5519 1444 f: +6 (03) 5510 8505 e-mail: psep@psep.com.my

China

t: +86 21 5032 5696 f: +86 21 5032 5775 e-mail: china@trfastenings.com

Taiwan

t: +886 7 557 6366 f: +886 7 557 1977 e-mail: taiwan@trfastenings.com

Philippines - Representative Office t: +63-25768476 e-mail: philippines@trfastenings.com

t: +91 (0)44 4280 3932 e-mail: india@trfastenings.com

Thailand t: +66(0)20413 340 f: +66(0)20413 340 e-mail: thailand@trfastenings.com

Japan - Representative

t: +81(0)70 4467 1118 e-mail: japan@trfastenings.com

CUICAR - South Carolina USA t: +1 800 280 2181 f: +1 281 807 0620 e-mail: usa@trfastenings.com

info@trfastenings.com

Master Distributor Details