

TR ENCLOSURE HARDWARE

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

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



Locking Systems
Locks & Locking Components
Hinges & Latches
Clamps & Terminals
Gaskets
Handles
Accessories

www.trfastenings.com sales@trfastenings.com Edition 4

Enclosure Hardware Sectors



Telecoms

Telecoms enclosures serve a vital purpose: to house, organise and protect the valuable equipment needed for modern communications. Found in multiple locations, including outdoor and even hazardous environments, it's crucial that these enclosures provide sufficient protection from weather conditions, theft and tampering as well as cyber security threats.





Transport

Robust products for trucks, buses and trains to support the wide variety of applications where this product is used. From control and power cabinets to door locking systems and panels we have a solution to meet your requirements.





Energy, Oil and Gas

Few industries demand more of equipment and hardware than oil and gas production, and the energy sector in general. Offshore rigs, for example, operate in notoriously exposed and hazardous conditions.

Power generated from solar and wind sources use sensitive electrical components and batteries that, if exposed to the elements, can cause system failure. As a result, stringent safety and process restrictions are required and equipment must be kept in secure, robust enclosure







HVAC

Heating, ventilation and cooling (HVAC) operations span a wide range of applications, involving numerous pieces of equipment and controls, all of which need to be secure, protected and accessible. From heating controls to large scale ventilation units, refrigeration systems and air treatment centres, the equipment used in this sector is often large scale, sensitive and in need of careful protection.







Enclosure Hardware Product Range

Locking Systems

Swing handle with cylinder key lock Swing handle with insert lock Swing handle with profile key lock Swing handle with recess for lock Swing handle with side fitting Anti theft swing handle All stainless steel swing handle Cams Profile cylinders

Profile cylinders Cogwheel mechanisms Rods

Internal lock for passive door





Locks

Insert lock IP65, IP66 & IP69K
Insert lock & insert lock waterproof
Compression insert lock waterproof
Key lock
Wing key lock
Wing lock
L handle lock
Compression handle lock
Slide locks
T handle locks
Paddle latches





Lock Components

Insert lock IP65 & IP66 housing only Insert lock housing only Insert lock waterproof housing only Lock inserts Cams





Hinges

Adjustable
Butt
Concealed
Corner
Flag
Leaf
Lift-off
Offset
Piano
Pin
Side
Spring
Fire Door







Enclosure Hardware Product Range

Clamps

Aluminium single clamps Aluminium double clamps Aluminium multiwire clamps Aluminium clamps with brass base Steel single clamps with hex set Steel single clamps with socket screw Steel double clamps Polyamide clamps Grounding clamps Linear clamps Clamp covers



Terminals

Terminals

LZ6V Terminal connecting device Terminals for connecting device

Knurled nuts

Round Hexagon

Busbars

Type 001 Type 002

Type 003 Type 004



Gaskets

Edge profile Channel fixing Self adhesive Assembly profile





Latches

Adjustable toggle latch with safety catch Claw latch with safety catch Under centre latch with safety catch Catch plates Lockable claw latch **Butterfly latch**







Enclosure Hardware Product Range

Handles

Polyamide Bar Drop Insert





Accessories

Holders
Connectors
Nuts
Screws
Clamps
Feet
Levers
Fixing pivots
Document pockets
Latching elements
Masking elements
Strengthening frames

Door stays Padlocks Brackets Windows Air vents





Related Products

Sheet metal fasteners Security products General fasteners Pillars & spacers Plastic hardware





Full Service Provider (FSP)

TR Fastenings is a global specialist in the design, engineering, manufacture and distribution of high quality industrial and Cat C fastenings principally to major global assembly industries. We have 32 business locations worldwide supplying components to over 5000 companies globally.

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.







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

Germany

 $t: +49 \ (0) \ 5246 \ . \ 50320 \ -0 \ \ f: +49 \ (0) \ 5246 \ . \ 50320 \ -70$ 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