

Automotive



Medical
Equipment



Smart
Infrastructure



TR EPW Screw®

Self Extruding High Strength
Screw for thin sheet metal, proudly
designed and manufactured in Europe

The TR EPW Thread-Forming Screw -
expertly designed, developed, and patented
by TR in house, in Italy. This innovative fastener
is engineered to significantly reduce assembly
times and costs, making it the go-to solution for
professionals working with thin sheet metal



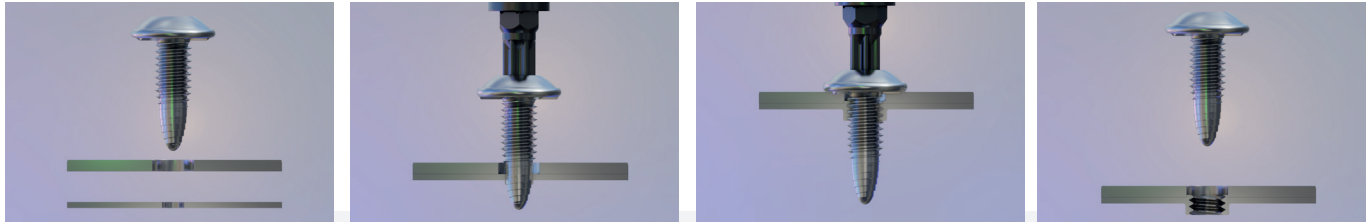
part of the Trifast plc Group



Why TR EPW Screw?

Our high-strength, self-extruding screw is a game changer. Easily installed by hand with a cordless drill, it aligns with the pilot hole, forms an extruded collar, and creates a robust thread profile in one step.

Perfect for thin steel (0.4-1mm) and aluminium (0.4-1.5mm)



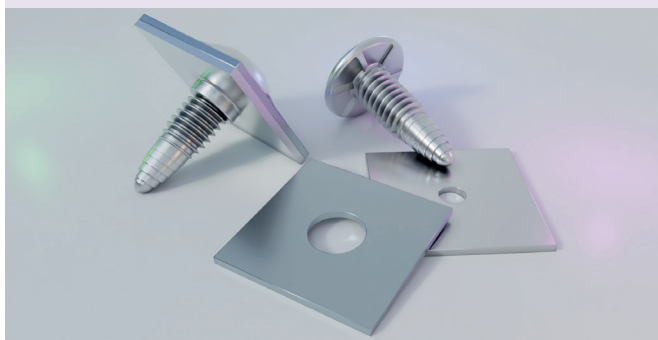
Custom solutions - manufactured to order

Key features & benefits

Versatile installation	Manual or robotic
Reusable	Strong, long-lasting joints
Durable	High stripping torque
Secure	Excellent vibration resistance
Efficient	Combines thread forming and profile creation
Superior hold	High radial compression on the shank
Compatible	Works with standard machine screws
Special use	Ideal for electrical earth connections
Manufactured in house in Europe	

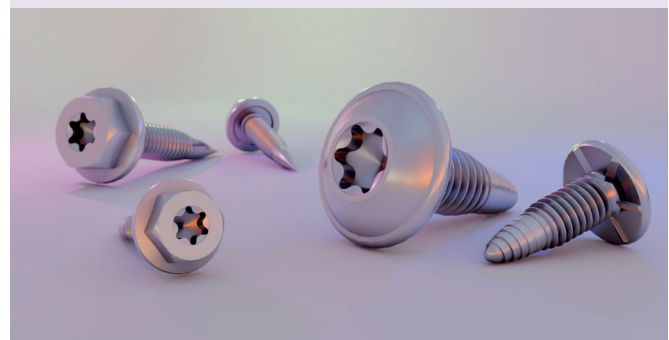
Tailored solutions

Perfect for thin steel (0.4-1mm) and aluminium (0.4-1.5mm), the TR EPW Screw is available in various coatings, from standard zinc plating to high-corrosion-resistant options. It suits industries such as automotive, electronics, medical, and telecoms.



Customisation available

Manufactured to order, our screws can be customised to your specifications, with various materials and head styles.



Explore our full range

Discover our full range of fasteners, including Self Clinch Fasteners, Blind Rivets, Weld Products, and more!

For more information or to discuss your needs, scan the QR code, visit our website or contact our team: sales@trfastenings.com
www.trfastenings.com

