

Automotive



Medical  
Equipment



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part of the Trifast plc Group

# TR EPW Screw®

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

## The TR EPW Thread-Forming Screw

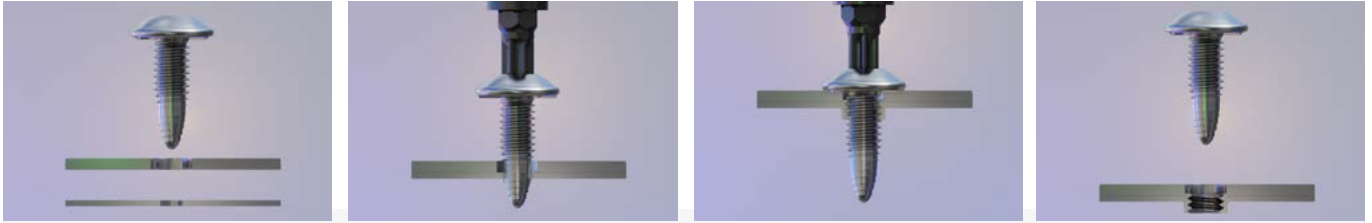
Expertly designed, developed, and patented by TR in house, in Italy. This innovative fastener is engineered to significantly reduce assembly times and costs, making it the go-to solution for professionals working with thin sheet metal



## 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

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

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

