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EPW screw named winner of F+F magazine's 'Route to Fastener Innovation' award

TR Fastenings (TR), the global specialist in the design, engineering, manufacture and distribution of industrial fasteners, has been named the winner of Fastener and Fixing (F+F) magazine's 'Route to Fastener Innovation 2019' award for its self-extruding EPW screw.

A record 27 products were entered into the competition and the TR screw was announced as the overall winner ahead of two runners up at Fastener Fair Stuttgart on Wednesday 20th March.

The award is designed to 'underline the key role innovation plays within the fastener and fixing industry', according to F+F's deputy editor Claire Aldridge. *'With the standard of products high, it was difficult to pick between them, however, three products stood out.'*

Designed, manufactured and patented at TR VIC in Italy, the EPW screw is a self-extruding, high strength thread-form fastener which creates its own female thread in punched sheet metal, thereby dramatically reducing assembly times and costs. The screw works by being aligned to the pilot hole in the sheet metal, where it then forms the extruded collar, combining the forming of the thread and the creation of a strong extruded profile, before finally tightening and clamping into the metal.

The key benefits of the EPW screw include:

- Removable and strong screw joint
- High stripping torque
- High break loose and prevailing torque
- Excellent vibration resistance, meaning it can withstand pressured environments
- Combined thread forming and creation of strong extruded profile
- Very high radial compression on screw shank
- Standard machine screws can be used in the thread created by the EPW screw

TR Press Release

TR Fastenings picks up innovation prize at Fastener Fair Stuttgart



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Commenting on the win, Karol Gregorczyk, Sales and Development Director at TR VIC, said:

"It's fantastic to have received this accolade from F+F and especially to be recognised for innovation, which is something we champion and pride ourselves in at TR. The development of the EPW screw is a culmination of the hard work and talent of our design team, as well as the significant investment we have made here at TR VIC.

"First and foremost, we are proud that we have delivered a product which allows our customers to make significant improvements to their manufacturing processes, reducing production times and increasing cost-effectiveness."