

TRI S RW-O

For Welding Professionals



A self shielded flux cored wire for joining urban track grooved rails



TRI S RW-O can easily be used on-site, even under difficult atmospheric conditions, thanks to its ability to be used without a shielding gas.

The slag system of this self shielded flux cored wire has been specially developed to ensure high quality and exceptional productivity.

Its work-hardening austenitic Cr-Ni-Mn structure makes TRI S RW-O the ideal solution for joining various kinds of profiles and grades.

Why choose this solution?

- Welding process 100% green (zero waste)
- Low fume emission rate (compared to aluminothermic process)
- Easy to deploy to multiple joints
- 4 welding steps carried out within a competitive timeframe (<45min per weld)
- Conforms to NF EN 16771 standards
- Homogeneous hardness among the rails
- Versatile solution - its austenitic Cr-Ni-Mn chemical analysis makes it compatible for weld overlay



Product Details

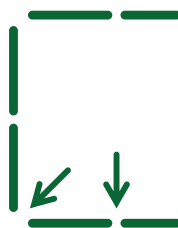
Classification: ISO 17633-A: T Z 19 9 Mn U NO 3
EN 14700: T Fe10

Available Diameter: 1.6 mm and 2.0 mm

Hardness: 180 HB (as welded, three-layer deposit)
47 HRC (work hardened, three-layer deposit)

Ultimate Tensile Strength: > 800MPa

Welding Positions:



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