

OK Tigrod 12.62

A tripple desoxidized copper coated rod designed for GTAW of mild and fine grained structural- and pressure vessel steels as well as ship building steels. The rod is capable of producing high quality welds in semi-killed and rimmed steel as well as steel of various carbon levels. Because of added desoxidants, Al-Ti-Zr, the rod can also be used for welding steels with a rusty or dirty surface, without any sacrifice of weld quality.

Specifications

Classifications	EN ISO 636-A : W 46 4 2Ti EN ISO 636-A : W2Ti SFA/AWS A5.18 : ER70S-2
Approvals	CE : EN 13479 UKCA : EN 13479

Approvals are based on factory location. Please contact ESAB for more information.

Alloy Type	Carbon-manganese steel
Shielding Gas	I1 (EN ISO 14175)

Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
Ar (I1) EN			
As Welded	570 MPa	625 MPa	26 %

Typical Charpy V-Notch Properties

Condition	Testing Temperature	Impact Value
Ar (I1) EN		
As Welded	-40 °C	180 J

Typical Wire Composition %

C	Mn	Si
0.06	1.1	0.6

Typical Weld Metal Analysis %

C	Mn	Si	S	P
0.05	1.11	0.72	0.012	0.013