



OK Tigrod 12.62

A triple deoxidized copper-coated rod designed for GTAW of mild and fine grained structural and pressure vessel steels as well as shipbuilding 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 deoxidants, Al-Ti-Zr, the rod can also be used for welding steels with a rusty or dirty surface without any sacrifice of weld quality.

Classifications Weld Metal:	EN ISO 636-A:W 46 4 W2Ti
Classifications Wire Electrode:	SFA/AWS A5.18:ER70S-2, EN ISO 636-A:W2Ti

Alloy Type:	Carbon-manganese steel
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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