

Coromig 58

A general purpose metal cored wire for use with argon / carbon dioxide or carbon dioxide shielding gas. Diameters less than 1.4mm are all-positional.

Specifications	
Classifications	SFA/AWS A5.18 : E70C-6C SFA/AWS A5.18 : E70C-6M EN ISO 17632-A : T 42 2 M C1 1 H10 EN ISO 17632-A : T 42 2 M M21 1 H10
Approvals	CE : EN 13479 UKCA : EN 13479

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

Welding Current	DC+-
Diffusible Hydrogen	< 10 ml/100g
Alloy Type	C Mn
Shielding Gas	M21, C1 (EN ISO 14175)

Typical Tensile Properties			
Condition	Yield Strength	Tensile Strength	Elongation
M21			
As Welded	470 MPa	550 MPa	28 %

Typical Charpy V-Notch Properties		
Condition	Testing Temperature	Impact Value
M21		
As Welded	-20 °C	98 J

Deposition Data				
Diameter	Current	Voltage	Wire Feed Speed	Deposition Rate
1.2 mm	100-320 A	16-32 V	1.8-12.0 m/min	1.3-7.5 kg/h
1.6 mm	140-450 A	18-36 V	1.5-8.5 m/min	1.6-8.0 kg/h