



# CEWELD MA 4115 Tig

**TYPE** Solid stainless 17% Chromium welding wire

**APPLICATIONS** Hardfacing shafts from stainless steel parts, molt repairs, rebuilding pump parts, thermal spray etc. Suitable for plating and joining equal and similar ferritic Cr-steels and cast steels. Proper weldings are subject to the recommended heat treatment. This welding wire is specially suitable for sealing surfaces on water-, steam and gas-valves, especially for sulphuric gases. The deposit is resistant to seawater, thin acids and scale resistant in air and oxidizing gases up to 950°C. The weld deposit can be tempered.

**PROPERTIES** Stainless steel alloy for joining and cladding 17% Chromium alloys and cladding components where heat and corrosion resistance similar to AISI 304 is required. The weld deposit can sustain working temperatures up to 450°C and will offer a high hardness and wear resistance.

**CLASSIFICATION**

AWS	A 5.9: ER430
EN ISO	14343-A: W 17
DIN	8555: TIG 6-GZ-200-PR
W.Nr.	1.4115
FM	5

**SUITABLE FOR** 1.4122 (G)X35CrMo17, Cast steels

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

C	Si	Mn	Cr	Ni	Mo
0.1	0.5	0.6	16.5	0.5	0.5

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded	>300	>450	>20	45 HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** 11



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MA 4115 TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663403261
MA 4115 TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663403278
MA 4115 TIG 3,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663403285