




# CEWELD MA 4115 Tig

TYPE	Solid stainless 17% Chromium welding wire					
ANWENDUNGEN	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.					
EIGENSCHAFTEN	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.					
KLASSIFIKATION	AWS	A 5.9: ER430				
	EN ISO	14343-A: W 17				
	DIN	8555: TIG 6-GZ-200-PR				
	W.Nr.	1.4115				
	FM	5				
GEEIGNET FÜR	1.4122 (G)X35CrMo17, Cast steels					
ZULASSUNGEN						
SCHWEISSPOSITIONEN						
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
MECHANISCHE GÜTEWERTE	Heat Treatment		R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A5 (%)	Hardness
	As Welded		>300	>450	>20	45 HRc
RÜCKTROCKNUNG	Not required					
GAS ACC. EN ISO 14175	I1					



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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