



CEWELD 430 Tig

TYPE	Solid stainless steel welding wire for ferritic stainless steels. (Type 430, 17%Cr)						
APPLICATIONS	CEWELD® 430 Tig can be used for various build-up welding and joining applications. Sealing surfaces in steam, gas, and water fittings at operating temperatures up to +450°C.						
PROPERTIES	CEWELD® 430 Tig offers excellent weldability, good corrosion resistance and high temperature resistance. Its Brinell hardness is approximately 225 HB, depending on the base material and the number of layers. CEWELD® 430 Tig exhibits scale resistance of up to 950°C in air, oxidising combustion gases and sulfur-containing combustion gases at higher temperatures. It is preferable to weld with a pulsed arc and to preheat larger wall thicknesses to between 150 and 300°C. Ensure low heat input.						
CLASSIFICATION	AWS	A 5.9: ER430					
	EN ISO	14343-A: W 17					
	W.Nr.	1.4015					
	F-nr	6					
	FM	5					
SUITABLE FOR	Ferritic 17 % Chrome steel, 1.4000, 1.4002, 1.4016, 1.4057, 1.4740, 1.4742, 1.4057, 1.4059, 1.4741, 1.4509, 1.4510, 1.4511, 1.4512, 1.4520, 1.4712, 1.4713, 1.4724, X7Cr14, X12Cr13, X17CrNi16-2, X6Cr13, X6CrAl13, X6Cr17, X17CrNi16-2, X2CrTiNb18, X3CrTi17, X3CrNb17, X2CrTi12, X2CrTi17, X10CrSi6, X10CrAlSi7, X10CrAlSi13, X10CrAlSi18 UNS S40300, S40500, S40900, S41000, S42900, S43000, S43035, S43036, S43100, S44200 AISI 403, 405, 409, 410, 429, 430, 430Cb, 430Ti, 439, 431, 442						
APPROVALS	CE						
WELDING POSITIONS							
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	Cr	Ni	Mo	Cu
	0.02	0.3	0.4	17	0.5	0.05	0.1
MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness		
	As Welded	310	460	20	HRc		
REDRYING	Not required						
GAS ACC. EN ISO 14175	I1						



CEWELD 430 Tig

430 TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412188

430 TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412195

430 TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412201

430 TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412218