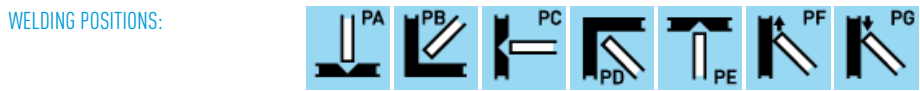


CATEGORY	GTAW Solid wires	
TYPE	Solid stainless steel welding wire for ferritic stainless steels	
APPLICATIONS	CEWELD® 430 Tig is a martensitic stainless steel welding wire for ferritic stainless steels.	
PROPERTIES	Good corrosion and temperature resistance and excellent weldability	
CLASSIFICATION	AWS	A 5.9: ER430
	EN ISO	14343-A: W 17
	F-nr	6
	FM	5
	W.Nr.	1.4015

SUITABLE FOR	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
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APPROVALS	CE
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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

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R <sub>p0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)
As Welded /	310	460	20

WELDING PARAMETERS / PACKING

WELDING PARAMETERS	WELDING PARAMETERS	WELDING PARAMETERS	PACKING	PACKING
D (MM)	CURRENT	AC / DC+ / DC-	KG / SINGLE	KG MASTER
2,0 X 1000 MM	70-110	DC-	5	25
2.4 X 1000 MM	110-180	DC-	5	25
3.2 X 1000 MM	150-250	DC-	5	25

REDRYING TEMPERATURE	Not required
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GAS ACCORDING EN 14175	I1
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