



CEWELD 410

TYPE	Solid stainless steel welding wire										
TOEPASSINGEN	Overlay of carbon and low-alloy steels for resistance to corrosion, erosion, or abrasion. 410 has higher hardness and is used in valve seats to obtain better galling resistance. Normally to obtain adequate ductility, preheat and post-weld heat-treatment are required.										
EIGENSCHAPPEN	CEWELD 410 is a martensitic stainless steel that is heat-treatable. It has a nominal weld metal composition of 12% Chromium. These weld deposits are air-hardenable that can normally be heat-treated after welding.										
CLASSIFICATIE	AWS		A 5.9: ER410								
	EN ISO		14343-A: G Z 13								
	W.Nr.		1.4009								
	F-nr		6								
	FM		5								
GESCHIKT VOOR	Ferritic 13 % Chrome steel, 1.4000, 1.4001, 1.4002, 1.4003, 1.4006, 1.4008, 1.4021, 1.4024, X6Cr13, X6CrAl13, X10Cr13, X15Cr13, X20Cr13, G-X10Cr13, X7Cr14, X6CrAl13, X 20Cr13, X15Cr13 AISI 410, 420										
GOEDKEURINGEN	CE										
LASPOSITIES	      										
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo	Nb	N	Cu
	0.1	0.25	0.4	0.02	0.001	12.5	0.2	0.04	0.01	0.04	0.05
MECHANISCHE WAARDEN	Heat Treatment			R _{P0,2} (MPa)		R _m (MPa)		A ₅ (%)		Hardness	
	As Welded			420		650		18		30 HRc	
HERDROGEN	350°C / 2 hr										
=(+)											
GAS ACC. EN ISO 14175	M21, M11, C1, M23, M32										



CEWELD 410

410 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663411884

410 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663411891

410 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663411907