



CEWELD 16.8.2

TYPE	A specially designed hybrid alloy between 308H and 316H for high temperature applications.									
APPLICATIONS	Used mainly in power generation and chemical process industries on applications such as, steam turbines, catalytic crackers, transfer piping and furnace accessories.									
PROPERTIES	A specially designed composition where Molybdenum % is reduced to form a hybrid alloy between 308H and 316H, operates in temperatures up to 800 °C. CEWELD® 16.8.2 Tig gives a very high resistance to thermal embrittlement. Creep ductility is enhanced at temperatures above 650 °C.									
CLASSIFICATION	AWS	A 5.9: ER16-8-2								
	EN ISO	14343-A: G 16 8 2								
	F-nr	4								
	FM	5								
SUITABLE FOR	1.4948, 1.4941, 1.4961, 1.4919, X6CrNi18-10, X8CrNiTi18-10, X8CrNiNb16-13, X6CrNiMoB17-12-2, 304H, 321H , 347H, 316H, UNS 30409, S32109,S34709, S31609, 304S51, 321S51, 347S51, 316S51, 316S53									
APPROVALS	CE									
WELDING POSITIONS										
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	
	0.05	0.45	1.3	0.015	0.002	15	8.6	1.2	0.1	
REDRYING TEMPERATURE	Not required									
GAS ACCORDING EN 14175	I1, I3									



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16.8.2 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663413246