




CEWELD 308H Tig

TYPE	Stainless steel Tig welding wire with high carbon content						
APPLICATIONS	Welding stainless steel types with an alloy content between 16 to 21% Cr and 8 to 13 % Ni, with high carbon content. The names 18-8, 19-9, and 20-10 are often associated with filler metals of this classification.						
PROPERTIES	CEWELD 308H Tig has been developed for typical operating temperatures up to 400°C, and up to 600°C in the short-term range. It also shows good resistance to general corrosion. CEWELD 308H Tig shows higher temperature and scale resistance than the standard L-type. The microstructure is austenite with approx. 5-10% ferrite.						
CLASSIFICATION	AWS	A 5.9: ER308H					
	EN ISO	14343-A: W 19 9 H					
	F-nr	6					
	FM	5					
	W.Nr.	1.4302					
SUITABLE FOR	ISO 15608: 8.1 Austenit ≤ 19 % Cr 9 % Ni, TÜV 1000: Gr. 21, 1.4301, 1.4308, 1.6900, 1.6901, 1.6902, 1.6903, 1.9606 X 5 CrNi 18 10, X 5 CrNi 18 9, G-X 6 CrNi 18 9, X 12 CrNi 18 9, G-X 8 CrNi 18 10, X 6 CrNi 18 10, X 10 CrNiTi 18 10, X 5 CrNi 18 10 AISI 304, 304H, 312, 321H, 347, 347H, UNS S30409, S32109, S34709, S30400, S32100, S34700						
APPROVALS	CE						
WELDING POSITIONS							
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Ni
	0.05	0.5	1.5	0.01	0.01	20.15	9.98
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{p0,2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V		
	As Welded /	420	620	35	RT 100		
REDRYING TEMPERATURE	Not required						
GAS ACCORDING EN 14175	I1						



CEWELD 308H Tig

308H TIG 1,6 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663412669

308H TIG 2,0 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663412676

308H TIG 2,4 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663412683

308H TIG 3,2 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663412690