



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					
	W.Nr.	1.4302					
	F-nr	6					
	FM	5					
SUITABLE FOR	ISO 15608: 8.1 Austenitic ≤ 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	 PA  PB  PC  PD  PE  PF  PG						
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Ni
	0.05	0.5	1.5	0.01	0.01	20.2	10
MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
					-40°C	-196°C	
	As Welded	465	650	38	160	95	HRc
REDRYING	Not required						
GAS ACC. EN ISO 14175	I1						



CEWELD 308H Tig

308H TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412669

308H TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412676

308H TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412683

308H TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412690