



CEWELD 409Nb Tig

TYPE	CEWELD 409Nb Tig is a ferritic stainless steel welding wire									
APPLICATIONS	CEWELD 409Nb Tig is designed for welding automotive exhaust system components such as manifolds, mufflers, catalytic, converters and tubing. For weld Type 409 and 409Ti base materials									
PROPERTIES	The addition of niobium improves corrosion resistance and promotes a ferritic micro-structure For the best results, welding must be done in a low heat input procedure and is not recommended for multi-pass applications									
CLASSIFICATION	AWS EN ISO W.Nr.		A 5.9: ER 409Nb 14343-B: SS 409 Nb ~ 1.4009							
SUITABLE FOR	1.4512, X2CrTi12, AISI 409, 409Ti UNS S40940, S40900									
APPROVALS	CE									
WELDING POSITIONS	 PA  PB  PC  PD  PE  PF  PG									
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Mn	Si	Cr	Ni	Nb	Mo	P	Cu	S
	0.08	0.8	1	12	0.6	0.07	0.5	0.04	0.04	0.03
MECHANICAL PROPERTIES	Heat Treatment			R _{P0,2} (MPa)		R _m (MPa)		A5 (%)	Hardness	
	As Welded			240		450		50	130 HB	
REDRYING	Not required									
GAS ACC. EN ISO 14175	I1									



CEWELD 409Nb Tig

409NB TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411754