



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	A 5.9: ER 409Nb
EN ISO	14343-B: SS 409 Nb
W.Nr.	~ 1.4009

SUITABLE FOR 1.4512,
X2CrTi12,
AISI 409, 409Ti
UNS S40940, S40900

APPROVALS CE

WELDING POSITIONS

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)	A ₅ (%)	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