



# 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 <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	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