



CEWELD NILO Alloy 36

TYPE	Filler metal with extreme low thermal expansion.																
TOEPASSINGEN	Welding applications that require the lowest thermal expansion to avoid solidification and reheat cracking.																
EIGENSCHAPPEN	NILO Alloy 36 is used for welding NILO Alloy 36, NILO Alloy 36 is formulated to have low thermal expansion characteristics similar to NILO Alloy 36, while providing freedom from solidification and reheat cracking. NILO Alloy 36 is available for Tig, Mig and SAW process.																
CLASSIFICATIE	W.Nr. 1.3912, ~1.3990																
GESCHIKT VOOR	NILO Alloy 36, (Invar 36) (K93600) (W.Nr.1.3912, 1.3990) (Nilo 36)(Ni36)(FeNi36)(Alloy 36)(36FN)(ING 7777LF)(4J36)(SimondslnVar136)(Vacodil 36)(Nicloy 36)(36NiCKel)(36H)(36H-BL)(ЭИ36)(HS-36) (36Ni. InVar I).																
GOEDKEURINGEN																	
LASPOSITIES	     																
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table><tr><td>C</td><td>Mn</td><td>Ni</td><td>Fe</td><td>Nb</td><td>Ti</td><td>Si</td></tr><tr><td>0.25</td><td>0.5</td><td>36</td><td>Rem.</td><td>1.2</td><td>0.25</td><td>0.35</td></tr></table>	C	Mn	Ni	Fe	Nb	Ti	Si	0.25	0.5	36	Rem.	1.2	0.25	0.35		
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MECHANISCHE WAARDEN	<table><tr><th rowspan="2">Heat Treatment</th><th rowspan="2">R_{P0,2} (MPa)</th><th rowspan="2">R_m (MPa)</th><th rowspan="2">A5 (%)</th><th colspan="2">Impact Energy (J) ISO-V</th><th rowspan="2">Hardness</th></tr><tr><th colspan="2">RT</th></tr><tr><td>As Welded</td><td>360</td><td>550</td><td>25</td><td colspan="2">60</td><td>HRC</td></tr></table>	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness	RT		As Welded	360	550	25	60		HRC
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		RT															
As Welded	360	550	25	60		HRC											
HERDROGEN	Not required																
GAS ACC. EN ISO 14175	I1, I3																



CEWELD NILO Alloy 36

NILO ALLOY 36 1,14MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663417831
BS-300	13,6	8720663417848