



CEWELD NILO Alloy 36

TYPE	Filler metal with extreme low thermal expansion.						
APPLICATIONS	CEWELD ® NILO Alloy 36 is designed for welding applications that require very low thermal expansion to prevent solidification and reheating cracks.						
PROPERTIES	CEWELD ® NILO Alloy 36 is formulated to have low thermal expansion characteristics similar to the basemetal Alloy 36, while providing freedom from solidification and reheat cracking. Similar to Mat.nr: 1.3912 and 1.3990						
CLASSIFICATION	W.Nr.	1.3912, ~1.3990					
SUITABLE FOR	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).						
APPROVALS							
WELDING POSITIONS	 PA  PB  PC  PD  PE  PF						
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Mn	Ni	Fe	Nb	Ti	Si
	0.25	0.5	36	Rem.	1.2	0.25	0.35
MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
					RT		
	As Welded	360	550	25	60		HRc
REDRYING	Not required						
GAS ACC. EN ISO 14175	I1, I3						



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NILO ALLOY 36 1,14MM

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