



CEWELD NILO Alloy 36

TYPE	Filler metal with extreme low thermal expansion.						
ANWENDUNGEN	Welding applications that require the lowest thermal expansion to avoid solidification and reheat cracking.						
EIGENSCHAFTEN	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.						
KLASSIFIKATION	W.Nr.	1.3912, ~1.3990					
GEEIGNET FÜR	NILO Alloy 36, (Invar 36) (K93600) (W.Nr.1.3912, 1.3990) (Nilo 36)(Ni36)(FeNi36)(Alloy 36)(36FN)(ING 7777LF)(4J36)(SimondsInVar136)(Vacodil 36)(Nicloy 36)(36NiCKel)(36H)(36H-BL)(ЭИ36)(HS-36) (36Ni. InVar I).						
ZULASSUNGEN							
SCHWEISSPOSITIONEN	     						
TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)	C	Mn	Ni	Fe	Nb	Ti	Si
	0.25	0.5	36	Rem.	1.2	0.25	0.35
MECHANISCHE GÜTEWERTE	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
RÜCKTROCKNUNG	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