









# CEWELD 35-45Nb Tig

TYPE	Solid wire for heat-resistant cast stainless steels with a similar composition. (Type 3545, 1.4889)										
APPLICATIONS	CEWELD 35-45 Nb is for joint and build-up welding on identical and similar, highly heat-resistant cast alloys (centrifugal casting, die casting), such as GX-45NiCrNbSiTi45 35. Mainly used for cast parts for reformer and pyrolysis furnaces.										
PROPERTIES	The weld metal of the CEWELD 35-45Nb can be used in a low-sulphur, carbon-enriching atmosphere up to 1175°C and has excellent creep resistance and good resistance to carburization and oxidation. No preheating or post heat treatment is necessary. Pay attention to low heat input and the interpass temperature should be limited to max. 150 °C.										
CLASSIFICATION	AWS	18274: S Ni Z (NiCr36Fe15Nb0,8)									
	EN ISO	14343-A: W Z 35 45 Nb									
	W.Nr.	~ 1.4889									
SUITABLE FOR	1.4898, GX45NiCrNbSiTi45-35 Parralloy H46M, Centralloy ET45, Lloyds T80, Lloyds T75MA, Manaurite XT/XTM, E3545Nb-MA										
APPROVALS	CE										
WELDING POSITIONS	<div>     </div>										
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	Cr	Ni	Mo	Nb	Cu	Ti	Al	Fe
	0.04	1.43	0.97	34.98	45.65	0.02	0.78	0.009	0.79	0.01	15.2
ALL WELD MECHANICAL PROPERTIES	Heat Treatment		R <sub>P0,2</sub> MPa	R <sub>m</sub> MPa	A5 (%)						
	As Welded /		460	690	10						
REDRYING TEMPERATURE	Not required										
GAS ACCORDING EN 14175	I1										



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35-45NB TIG 2,4 X 1000MM	Type	KG/unit	EANCode
	Tube	5	8720663416216