



CEWELD Alloy 740H Tig

TYPE	Solid Nickel based welding wire for gas tungsten arc welding								
ANWENDUNGEN	A Superalloy Specifically Designed For Advanced Ultra Supercritical Power Generation. Potential applications include advanced power production boiler tubes and diesel engine exhaust valves.								
EIGENSCHAFTEN	Alloy 740H Tig is a nickel-base, precipitation hardenable superalloy that offers a unique combination of high strength and creep resistance at elevated temperatures along with resistance to coal ash corrosion. The alloy was originally targeted for use as A-USC boiler tubes in the superheater sections of these plants but was then adapted for application as a material for the steam headers to which the boiler tubes are connected.								
KLASSIFIKATION	AWS A 5.14: ~ ER NiCrCo-1 F-nr 43 FM 6								
GEEIGNET FÜR	Inconel alloy 740H								
ZULASSUNGEN									
SCHWEISSPOSITIONEN									
TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)	C 0.06	Si 0.8	Mn 0.7	Cr 24	Ni 40	Mo 1.5	Nb 1.5	Fe 2	Co 21
MECHANISCHE GÜTEWERTE	Heat Treatment			R _{P0,2} (MPa)	Rm (MPa)	A5 (%)	Hardness		
	As Welded			780	1150	28	HRc		
RÜCKTROCKNUNG	Not required								
GAS ACC. EN ISO 14175	I1								



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ALLOY 740H TIG 2,4 X
914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663419552