CEWELD Alloy 740H Tig

certilas® THE FILLER METAL SPECIALIST

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	

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	Cr	Ni	Mo	Nb	Fe	Co
0.06	0.8	0.7	24	40	1.5	1.5	2	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