




CEWELD 16.8.2 Tig

TYPE	A specially designed hybrid alloy between 308H and 316H for high temperature applications.																									
ANWENDUNGEN	Used mainly in power generation and chemical process industries on applications such as, steam turbines, catalytic crackers, transfer piping and furnace accessories.																									
EIGENSCHAFTEN	A specially designed composition where Molybdenum % is reduced to form a hybrid alloy between 308H and 316H, operates in temperatures up to 800 °C. CEWELD® 16.8.2 Tig gives a very high resistance to thermal embrittlement. Creep ductility is enhanced at temperatures above 650 °C.																									
KLASSIFIKATION	AWS	A 5.9: ER16-8-2																								
	EN ISO	14343-A: W 16 8 2																								
	F-nr	4																								
	FM	5																								
GEEIGNET FÜR	1.4948, 1.4941, 1.4961, 1.4919, X6CrNi18-10, X8CrNiTi18-10, X8CrNiNb16-13, X6CrNiMoB17-12-2, 304H, 321H, 347H, 316H, UNS 30409, S32109,S34709, S31609, 304S51, 321S51, 347S51, 316S51, 316S53																									
ZULASSUNGEN	CE																									
SCHWEISSPOSITIONEN																										
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>Cu</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td>0.4</td> <td>1.3</td> <td>0.01</td> <td>0.003</td> <td>15.3</td> <td>8.4</td> <td>1.2</td> <td>0.02</td> </tr> </tbody> </table>								C	Si	Mn	P	S	Cr	Ni	Mo	Cu	0.05	0.4	1.3	0.01	0.003	15.3	8.4	1.2	0.02
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RÜCKTROCKNUNG	Not required																									
GAS ACC. EN ISO 14175	I1, I3																									



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16.8.2 TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663413253