




# CEWELD DUR 6 Tig

TYPE	Cobalt-based thermo shock resistant alloy for overlay applications.																			
TOEPASSINGEN	Steam-valves, high temperature liquid pumps, hot cutting tools, exhaust valves.																			
EIGENSCHAPPEN	Outstanding alloy against abrasion, thermo-shock and corrosion combined with high temperatures. The weld deposit can be machined with tungsten tool tips and by grinding. The hardness of the weld deposit will decrease 16% at 300°C and about 30% at 600°C. The weld deposit is high heat resistant up to 900°C. DUR 6 offers a low coefficient of friction of 0.12 and exceptional resistance to galling. It has cavitation-erosion resistance ten times that of 304 stainless steel, DUR 6 can be used to protect bearing surfaces in non-lubricating conditions due to its resistance to metal-to-metal wear.																			
CLASSIFICATIE	AWS EN ISO DIN F-nr	A 5.21: ERCoCr-A 14700: S Co2 8555: TIG 20-GZ-40-CSTZ 71																		
GESCHIKT VOOR	Stellite 6 alloy for, Steam-valves, high temperature liquid pumps, hot cutting tools, exhaust valves and seats																			
GOEDKEURINGEN																				
LASPOSITIES																				
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>Cr</th> <th>Fe</th> <th>W</th> <th>Co</th> </tr> </thead> <tbody> <tr> <td>1.1</td> <td>1</td> <td>0.6</td> <td>28</td> <td>2.5</td> <td>5</td> <td>Rem.</td> </tr> </tbody> </table>						C	Si	Mn	Cr	Fe	W	Co	1.1	1	0.6	28	2.5	5	Rem.
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As Welded				40 HRc																
HERDROGEN	Not required																			
GAS ACC. EN ISO 14175	I1																			



# CEWELD DUR 6 Tig

DUR 6 TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402271
DUR 6 TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402288
DUR 6 TIG 4,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402295
DUR 6 TIG 5,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402301
DUR 6 TIG 6,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402318