



CEWELD DUR 6 Tig

TYPE	Cobalt-based thermo shock resistant alloy for overlay applications.						
ANWENDUNGEN	Steam-valves, high temperature liquid pumps, hot cutting tools, exhaust valves.						
EIGENSCHAFTEN	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 degrees 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.						
KLASSIFIKATION	AWS EN ISO F-nr	A 5.21: ERCoCr-A 14700: S Co2 71					
GEEIGNET FÜR	Stellite 6 alloy for, Steam-valves, high temperature liquid pumps, hot cutting tools, exhaust valves and seats						
ZULASSUNGEN							
SCHWEISSPOSITIONEN	  						
TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)	C	Si	Mn	Cr	Fe	W	Co
	1.1	1	0.6	28	2.5	5	Rem.
MECHANISCHE GÜTEWERTE	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness	
	As Welded					40 HRc	
RÜCKTROCKNUNG	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