



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 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.						
CLASSIFICATIE	AWS EN ISO F-nr	A 5.21: ERCoCr-A 14700: S Co2 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 (%)	C 1.1	Si 1	Mn 0.6	Cr 28	Fe 2.5	W 5	Co Rem.
MECHANISCHE WAARDEN	Heat Treatment As Welded		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness 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