






CEWELD E DUR 1U

TYPE	Cobalt-based thermo shock resistant alloy for overlay applications.						
APPLICATIONS	Steam-valves, high temperature liquid pumps, Hot cutting blades, exhaust valves.						
PROPERTIES	Outstanding properties against strong abrasion, erosion and corrosion in high temperature (900 °C) environments. This electrode can also perfectly be used for applications which are subject to high friction.						
CLASSIFICATION	AWS	A 5.13: E CoCr-C					
	EN ISO	14700: E Co3					
	DIN	8555: E 20-UM-55-CTZ					
	F-nr	71					
SUITABLE FOR	53-55 HRc, Stellite 1 alloy with high resistance to abrasion, oxidation and erosion, metal to metal friction and wear, heat resistant, high hardness at high temperatures, completely tempering resistant						
APPROVALS	No Approvals Found						
WELDING POSITIONS	<div>  </div>						
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	Fe	W	Cr	Co
	2.4	0.7	0.4	2.5	11	30	Rem.
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A5 (%)		Hardness Rockwell C	
	As Welded /					Avg. 55	
REDRYING TEMPERATURE	Not required						
GAS ACCORDING EN 14175							



CEWELD E DUR 1U

E DUR 1U 2,4 X 350MM

Type	KG/unit	EANCode
Can		8720663402066

E DUR 1U 3,2 X 350MM

Type	KG/unit	EANCode
Can	3	8720663402073

E DUR 1U 4,0 X 350MM

Type	KG/unit	EANCode
Can	3,0	8720663402080