



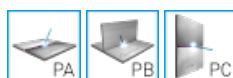
# CEWELD E DUR 21U

<b>TYPE</b>	Cobalt-based thermo shock resistant alloy for overlay applications	
<b>APPLICATIONS</b>	Cladding valve seats, repairing machining tools. Repair of damage due to erosion, high temperature and corrosion. Many applications in the high pressure steam, oil and petrochemical.	
<b>PROPRIÉTÉS</b>	Excellent resistance to thermal and mechanical shock. High temperature strength.	
<b>CLASSIFICATION</b>	AWS	A 5.13: E CoCr-E
	EN ISO	14700: E Co1
	DIN	8555: E 20-UM-350- CTZ
	F-nr	71

**CONVIENT POUR** Stellite 21 alloy for cladding Seats and Valves etc. low friction due to high cobalt content

**AGRÉMENTS**

**POSITIONS DE SOUDAGE**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

C	Si	Mn	Ni	Mo	Fe	Cr	Co
0.3	0.9	1	3	5.5	3	28	Rem.

**PROPRIÉTÉS MÉCANIQUES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				35 HRc

**ETUVAGE** Not required

**GAS ACC. EN ISO 14175**



# CEWELD E DUR 21U

E DUR 21U 2,4 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663402165

E DUR 21U 4,0 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663402189