

# CEWELD E DUR 6U

**TYPE** Cobalt-based welding electrode for overlay applications.

**APPLICATIONS** 43-45 HRc, Stellite 6 alloy with outstanding properties against abrasion, thermo-shock and corrosion combined with high temperatures.

**PROPRIÉTÉS** Excellent welding properties and self detaching slag. 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.

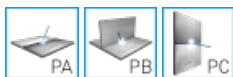
**CLASSIFICATION**

AWS	A 5.13: E CoCr-A
EN ISO	14700: E Co2
DIN	8555: E 20-UM-40- CTZ
F-nr	71

**CONVIENT POUR** Steam-valves, High temperature liquid pumps, Hot cutting tools, Exhaust valves, Pumps, Plastic recycling etc.

**AGRÉMENTS**

**POSITIONS DE SOUDAGE**



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

C	Si	Mn	Fe	W	Cr	Co
1.1	1	0.6	2.5	4.5	28	Rem.

**PROPRIÉTÉS MÉCANIQUES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				42 HRc

**ETUVAGE** Not required

**GAS ACC. EN ISO 14175**



# CEWELD E DUR 6U

E DUR 6U 2,5 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663402097

E DUR 6U 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663402103

E DUR 6U 4,0 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663402110