



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 _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	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