



CEWELD E DUR 6U

TYPE Cobalt-based welding electrode for overlay applications.

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

EIGENSCHAFTEN 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.

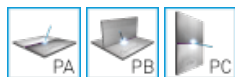
KLASSIFIKATION

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

GEEIGNET FÜR Steam-valves, High temperature liquid pumps, Hot cutting tools, Exhaust valves, Pumps, Plastic recycling etc.

ZULASSUNGEN

SCHWEISSPOSITIONEN



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

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

MECHANISCHE GÜTEWERTE

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded				40 HRc

RÜCKTROCKNUNG 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