



CEWELD E DUR 21U

TYPE Cobalt-based thermo shock resistant alloy for overlay applications

APPLICATIONS 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.

PROPRIÉTÉS Excellent resistance to thermal and mechanical shock. High temperature strength.

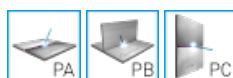
CLASSIFICATION

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 _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	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