

TYPE	Cobalt-based thermo shock resistant alloy for overlay applications							
APPLICATIONS	Cladding valve seats, Gasturbine components. Metal working tools like piercing points, forming tools and extrusion dies that are exposed to metal on metal wear in combination with thermal fatigue. Also furnace hardware							
PROPRIÉTÉS	CEWELD E DUR 25U is a Cobalt based electrode developed to resist high impact load, high heat, thermal shock, hot corrosion, compression, abrasion, erosion and many other forms of attack. The weld deposit is machinable with carbide tools.							
CLASSIFICATION	EN ISO 14700: ~E Co1 DIN 8555: E 20-UM-300- CTZ							
CONVIENT POUR	Valves in chemical and steam plants, Gasturbine components, Tong bits, Share blades, Hot forging and stamping tools, Hot dies, Aerospace industry, Turbo charger buckets, Hot liquid pumps etc.							
AGRÉMENTS								
POSITIONS DE SOUDAGE	PA PB PC							
TYPICAL CHEMICAL	С	Mn	Cr	Ni	Мо	Fe	W	Co
ANALYSIS OF WELD METAL (%)	0.1	2	20	10	1	3	15	Rem.
PROPRIÉTÉS MÉCANIQUES	Heat Treatment			P0,2 1Pa)	Rm A5 (MPa) (%)		Hardness	
	As					25 H	Rc	

ETUVAGE

Not required

GAS ACC. EN ISO 14175