



CEWELD AA DUR 1

TYPE	Cobalt-based fluxcored wire with high abrasion and corrosion resistance. (Stellite 1)															
APPLICATIONS	CEWELD AA DUR 1 is for highly wear resistant hardfacing combination abrasion, erosion, corrosion, cavitation, pressure and high temperatures up to 1000°C, such as working parts in the chemical industry, running and sealing surfaces of fittings, valve seats and cones for combustion engines, cutting and shredding tools, heavy-duty hot working tools without thermal shock, milling, mixing and drilling tools Pump sleeves, expeller screws, plastic recycling, mixer blades for rubber, valves, seats etc..															
PROPERTIES	CEWELD AA DUR 1 deposits a cobalt-base alloy with an austenitic-ledeburitic structure. This is the hardest of the standard cobalt-base alloys. It has a high resistance to corrosion (especially to reducing acids and impact), extreme wear and temperature shocks. The alloy is only machinable by grinding. Best used on wear pads, rotary seal rings, pump sleeves and centerless grinder work rests. Excellent gliding characteristics,															
CLASSIFICATION	AWS	A 5.21: ERCCoCr-C	EN ISO	14700: T Co3	DIN	8555: MSG 20-GF-55-CTZ	F-nr	71								
SUITABLE FOR	ER CoCr-C / Co3	Stellite 1														
APPROVALS																
WELDING POSITIONS																
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	2.5	Si	1	Mn	0.1	Cr	29	Mo	0.002	Fe	3	W	11	Co	Rem.
MECHANICAL PROPERTIES	Heat Treatment			$R_{P0.2}$ (MPa)			R_m (MPa)		A5 (%)		Hardness					
	As Welded										53 HRc					
REDRYING	140°C / 24 hr															
GAS ACC. EN ISO 14175	M13															



CEWELD AA DUR 1

AA DUR 1 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663401991
BS-300	15	8720663402004