

COROLIT E 6

DIN EN 14700

E Co 2-45-CTZ

AWS

ERCoCr-A

AC-weldable hardfacing electrode with a rutile-basic coating and an alloyed core. The deposit is a cobalt base alloy of austenitic-ledeburitic structure with embedded Cr-W- carbides. The

weld metal is highly resistant to corrosion, impact, abrasive wear as well as thermal shocks and heavy mechanical impact. Good aptitude for polishing and machining.



Due to its above-mentioned characteristics COROLIT E 6 is particularly recommended for use on steam valves, hot shear blades, hot pressing dies, pumps for high-temperature liquids, etc.

TYPICAL ALL WELD METAL ANALYSIS (%)					Base = Fe
C	Si	Mn	Cr	W	Fe
1,0	0,9	1,0	28,0	4,5	< 3
HARDNESS HRc		CURRENT		POSITIONS	
40 - 43		+ / ~ 42 V		PA, PB, PC	
REBAKING if required					
1h at 150°C					

ELECTRODES

DIAMETER AND FORMS OF DELIVERY ON REQUEST