CORODUR Das Original FÜLLDRAHT GMBH

COROLIT 6

DIN EN 14700	MF 20-55-CGTZ
AWS A5.21	ERCCoCr-A

The COROLIT 6 group of cobalt-base-alloys all contain an austenitic-ledeburitic structure containing chrome and tungsten carbides. These alloys are resistant to high corrosion and abrasion, high impact stress and extreme temperature shocks. The deposit is machinable by hard metal tools. Best used on steam and chemical valves and on equipment handling hot steel, such as tong bits, hot steel-shear blades, etc.

Resistant to thermal shock, abrasion, erosion, corrosion, cavitation at high temperatures Used typically for bearing surfaces, chemical industry, hot shear blades, valves.

TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Co

C	Si	Mn	Cr	W	Fe
1,1	1,0	1,0	28,0	4,5	< 3,0

Hardness HRc	40-43

COBALT - BASE ALLOYS

PARAMETER

Diameter	Voltage	Amps
1,2	20-24	150-200
1,6	22-26	180-240
2,0	25-27	220-260
2,4	25-27	260-300
2,8	26-28	280-340

G = Gas shielded, SA = Submerged Arc

FORMS OF DELIVERY

Unit	Weight
Coil BS 300	15 kg
Coil B 450	25 kg
Drums	300 kg