

COROLIT 6

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 tempera-

ture 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

Other Dimensions on demand

FORMS OF DELIVERY

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

G = Gas shielded, SA = Submerged Arc