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## 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-

40-43

 DIN EN 14700
 MF 20-55-CGTZ

 AWS A5.21
 ERCCoCr-A

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 N	Base = Co			
С	Si	Mn	Cr	W	Fe
1,1	1,0	1,0	28,0	4,5	< 3,0

PARAMETER		FORMS OF DELIVERY				
Diameter	Voltage	Amps	Unit	Weight		
1,2	20-24	150-200	Coil BS 300	15 kg		
1,6	22-26	180-240	Coil B 450	25 kg		
2,0	25-27	220-260	Drums	300 kg		
2,4	25-27	260-300				
2,8	26-28	280-340				

Other Dimensions on demand

G = Gas shielded, SA = Submerged Arc

Corodur Fülldraht GmbH may change the characteristics of the wire without notice. Statements on composition and application are just for the applier information. Statements on mechanical properties always refer to the all-weld-metal according to valid standards. We recommend the applier to chec our products for their special application autonomously.