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COROLIT **6 HC**

Cobalt-base alloy with an austenitic-ledeburitic structure containing chrome and tungsten carbides. This alloy is resistant to high corrosion and abrasion, high impact stress and extreme temperature shocks. The deposit is

43-46

Hardness HRc

 DIN EN 14700
 T Co 2-45-CTZ

 AWS A5.21
 ERCCoCr-A

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	/ETAL ANAL	YSIS (%)		Base = Co
С	Si	Mn	Cr	W	Fe
1,3	1,0	0,8	29,0	4,5	< 3,0
1,5	1,0	0,0	2,0	2,1	

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

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