

COROLIT 21

DIN EN 14700 T Co 1-350-CKTZ

AWS A5.21 ERCCoCr-E

COROLIT 21 is a Cobalt-based alloy with high resistance to abrasion, temperature shocks and corrosion. This alloy is suitable for hardfacing cutting edges of long knives and other tools used in the wood, plastic, paper, carpet and chemical industries.



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

TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Co

C	Si	Mn	Cr	Ni	Mo	Fe
0,25	1,0	1,0	27,0	2,5	5,0	< 3,0

Hardness

300-330 HB

45 HRC

Work hardening

COBALT - BASE ALLOYS

PARAMETER

FORMS OF DELIVERY

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

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

G = Gas shielded, SA = Submerged Arc