

Standards

TS EN 14700	: E Co 2
EN 14700	: E Co 2
AWS A5.13	: E CoCr A
DIN 8555	: E 20-UM-45 CTZ

Chemical Composition of Weld Metal % (Typical)

C	Cr	W	Co
1.1	28	4	Rest

Mechanical Properties

Hardness (HRC)
42

Features and Applications

- Valve shutters and caps, wood working tools, saw chains and slide ways, hot shear blades, pump components, hot pressing tools, valve seats, ingot tong ends, conveyor screws, for chemical and food processing industries
- GeKaTec COBALT 6 is a versatile cobalt containing alloy with high mechanical impact and high temperature resistance
- It is used primarily on workpieces exposed to high alternating temperatures and corrosion
- GeKaTec COBALT 6 deposit is especially suited for carbon steels, stainless steel, nickel, monel and manganese steels

Resistance Type and Level

Friction	High Temp.	Corrosive	Machining
■■■■■	■■■■■	■■■■■	■■■■■
Impact	Thermo Shock	Crack Resistance	
■■■■■	■■■■■	■■■■■	

Flux Cored Wire

GeKaTec HARDCOR COBALT 6

TIG Wire

GeKaTec COBALT 6 TIG

Current Type

D.C.(+) / AC

Operating Data

Product Code	Diameter x Length (mm) / (inch)		Welding Current (A)	Package Weight (Kg)	Weight g / 100 pcs
3030100071	3.20 x 350	1/8 x 14"	90 - 120	5	3500
3030100072	4.00 x 350	5/32 x 14"	135 - 160	5	5200

Approvals: SEPRO