

### Standards

TS EN 14700	: E Co 3
EN 14700	: E Co 3
AWSA5.13	: E CoCr C
DIN 8555	: E 20-UM-55 CTZ

### Chemical Composition of Weld Metal % (Typical)

C	Cr	W	Co
2.1	31	13	Rest

### Mechanical Properties

Hardness (HRC)
50 - 57

### Features and Applications

- GeKaTec COBALT 1 is cobalt based hard facing electrode
- It is used for hard facing of valves and fittings which requires resistance to high temperature, pressure and corrosion, sliding stressing metal-to-metal and is recommended in welding of cutter tools, screw conveyors, wear rings and guide rails

### Resistance Type and Level

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

### Flux Cored Wire

GeKaTec HARDCOR COBALT 1

### TIG Wire

GeKaTec COBALT 1 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
3030100066	3.20 x 250	1/8 x 14"	90 - 120	5	3660
3030100067	4.00 x 350	5/32 x 14"	130 - 160	5	5200

Approvals: SEPRO