

Standards

TS EN 14700	: E Fe 16
EN 14700	: E Fe 16
DIN 8555	: E 10-UM-65 R

Mechanical Properties

Hardness (HRC)	
Pass 1	Pass 2
61 - 65	64 - 68

Features and Applications

- A special kind of electrode basically containing Chromium-boron carbide alloy
- Applicability in hardfacing of parts that are exports to wearing in mines or quarries, in soil or cement industries and in similar fields
- Uses in hardfacing of all wear-resistant parts such as buckets or their teeth of heavy construction equipments, drill bits, twists used in brickworks, mud pumps, mixer blades, agricultural machines, crusher jaws and rolls as well as springs
- Very high resistance to wear
- High fusibility
- High recovery of weld metal
- Machinability by grinding only
- Recommended buffer layering through a more basic type of electrode or through the GeKaTec electrode 660 HD
- Holding required in perpendicular direction to that of the welding work

Resistance Type and Level

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

Current Type

D.C.(+) / AC

Operating Data

Product Code	Diameter x Length (mm) / (inch)		Welding Current (A)	Package Weight (Kg)	Weight g / 100 pcs
3030100061	3.20 x 350	1/8 x 14"	110 - 150	5	5200
3030100062	4.00 x 350	5/32 x 14"	140 - 200	5	7160

Approvals: SEPRO