

Standards

TS EN 14700	: E Z Fe 14
EN 14700	: E Z Fe 14
DIN 8555	: E 10-UM-60 GRZ
AWS A5.13	: ~E FeCr-A8

Chemical Composition of Weld Metal % (Typical)

C	Cr	Si	Mn
4.5	34.0	1.0	0.5

Mechanical Properties

Hardness (HRC)
60 -64

Features and Applications

- Special coating, high-chromium carbide electrode for hardfacing operations to provide maximum resistance to extreme mineral abrasion
- A typical application is stringer beads on earth-moving, cement mill and brick making equipment
- Weld metal efficiency is ~ % 220.
- Re-drying: 300°C-350°C / min. 2h

Resistance Type and Level

Friction



Impact



High Temp.



Thermo Shock



Corrosive



Crack Resistance



Machining



Current Type

D.C.(+)(-) / A.C.

Operating Data

Product Code	Diameter x Length (mm) / (inch)		Welding Current (A)	Weight g / 100 pcs
3010101960	3.20 x 350	1/8 x 14"	125 - 160	5030
3010101963	4.00 x 350	5/32 Xx 14"	170 - 200	7420
3010101969	5.00 x 350	3/16 x14"	190 - 260	12000

Approvals: SEPRO