

Standards

TS EN 14700	: E Fe 16
EN 14700	: E Fe 16
DIN 8555	: ~ E 10-UM-60 GRZ

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

C	Cr	Nb
6.5	24.0	7.5

Mechanical Properties

Hardness (HRC)
~ 62

Features and Applications

- On parts primarily exposed to abrasion combined with light impact, such as conveyor screws, mixer blades and sand pumps
- Weld metal has resistant to corrosion, friction and impact
- It is not recommended overlap passes
- Requirement of re-drying for minimum 2 hours at temperatures between 300°C and 350°C

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
3010101951	3.20 x 350	1/8 x 14"	125 - 160	5040
3010101954	4.00 x 350	5/32 x 14"	170 - 200	7710

Approvals: SEPRO