

Standards

TS EN 14700	: E Fe 14
EN 14700	: E Fe 14
DIN 8555	: E 10-UM-60 GRZ

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

C	Mn	Si	Cr
3.2	0.5	1.0	29.0

Mechanical Properties

Hardness (HRC)
58 - 62

Features and Applications

- On parts primarily exposed to abrasion combined with light impact, such as conveyor screws, mixer blades and mud pumps
- Requirement of re-drying for 2 hours at the 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
3010101942	3.20 x 350	1/8 x 14"	110 - 140	5080
3010101945	4.00 x 350	5/32 x 14"	170 - 200	7960
3010101948	5.00 x 350	3/16 x 14"	190 - 260	11400

Approvals: SEPRO