

Standards :

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

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

C	Mn	Si	Mo	V	W	Cr	Nb
4.5	0.3	1.0	5.0	1.7	2.5	23.5	4.0

Mechanical Properties :

Hardness (HRC)
63 - 67

Typical Base Material Grades :

- * Super hardfacing electrode with very high content of carbide formers (Mo, V, W, Nb) for deposits subject to extreme sliding mineral abrasion.
- * Outstandingly suitable for deposits on weldments expected to with stand severe abrasion under high-temperature stress.
- * Typical applications include hardfacing on earth moving equipment and on worn parts in the cement and brick industries as well as on fire grate bars and fire grate teeth in the magnesite and iron&steel industry.
- * 230% metal recovery, preheating is generally not necessary.
- * Re-drying : 300-350°C / min. 2 h

Welding Positions :



Current Type :

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

Operating Data :

Diameter x Length (mm)	Diameter x Length (inch)	Welding Current (A)	Weight g /100 pcs
3.20 x 350	1/8 x 14"	110 - 150	6150
4.00 x 350	5/32 x 14"	140 - 200	9450
5.00 x 350	3/16 x 14"	190 - 250	14850

Approvals :

CE, GOST-R, SEPRO