

# GEMET 3200

## IDENTIFICATION

Gemet 3200

## DESCRIPTION

Hardfacing electrode for metal to metal wear application.

Hardfacing parts subject to metal-to-metal wear and intense abrasion upto 500°C with moderate shock likely to be absorbed elastically. Weld deposit is hard & wear resistant.

**ALLOY BASIS** : Cr, Mn, Ni, C

## WELD METAL ANALYSIS (RANGE) %

Cr	Mn	Ni
26 - 30	1.40 - 2.8	1.8 - 4.0

## TYPICAL APPLICATIONS

- Conveyor screws, mixer blades & scrapers
- Coal pulverizers
- Hoppers, Sand pumps
- Bucket edges
- Cement die-rings, plough shears

**WELDING CURRENT:** AC / DC (+)

**HARDNESS OF THE WELD DEPOSIT** : 55 - 62 RC IMPACT

**RESISTANCE** : Good

**ABRASION RESISTANCE:** Excellent

**MACHINABILITY:** Non-machinable

## PACKING PARAMETERS

Size (mm)	Length (mm)	Current Condition AC / DC (+) Amps	Packing / Packet (kg)	Packing / Box (kg)
3.15 / 3.20	350	100 - 150	2	2 x 5 = 10
4	350	140 - 190	2	2 x 5 = 10
5	350	190 - 240	2	2 x 5 = 10