

# GEMET 301

**HARD FACING ELECTRODE FOR MODERATE WEAR AND HEAVY IMPACT.**

## IDENTIFICATION

Gemet 301

## DESCRIPTION

- Provides stable arc with crack free welds; having good slag detachability.
- High resistance to impact and easy to machine.

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

## TYPICAL APPLICATIONS

Parts subject to heavy impact and low to moderate wear i.e. striking tools, dies, hammers, sliding surfaces, rails, wheel rims, conveyor screws, mixer blades, crane wheels etc.

## APPLICATION TECHNIQUE

- Clean the surface thoroughly.
- Use short arc with DC reverse polarity.
- Use buffer layer of GEMET 103 on high carbon steels.

**HARDNESS :** 35 HRC approx

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

## PACKING PARAMETERS

Size (mm)	Length (mm)	Current Condition AC / DC (-) Amps	Packing / Packet (Kg)	Packing / Box (kg)
3.15 / 3.20	350	80 - 100	2	2 x 5 = 10
4	350	110 - 160	2	2 x 5 = 10
5	350	140 - 180	2	2 x 5 = 10