

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