

# GEMET 301



Hard facing electrode for moderate wear and heavy impact.

## APPLICATION :

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..

## CHARACTERISTICS :

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

## APPLICATION TECHNIQUE :

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

**Alloy Basis :** Fe, Cr, Mn, C.

**Hardness :** 29-35 HRC.

**Welding current :** AC/DC(-)

## PACKING SPECIFICATION :

| SIZE (mm) | CURRENT CONDITIOIN AC/DC(-) AMPS |
|-----------|----------------------------------|
| 3.15      | 80-100                           |
| 4.00      | 110-160                          |
| 5.00      | 140-180                          |