

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