



Resists High Impact  
and  
Moderate Friction

**LOMELT**

**LOMELT 301(SPL)** ac/dc\*

**PRINCIPAL APPLICATIONS:**

Clutches, Cogwheels, Bearing journals, Sprockets, Rollers, Gears, Mixer blades, Excavator parts, Dredgers, Crane Wheels, Shafts, Hammers.

**SPECIAL FEATURES:**

- Heavy machinable build up with very low spatters.
- Good resistance to high impact and moderate friction.
- Excellent weldability on almost all ferrous metals.
- High deposition rate in all positions.

**RECOMMENDATIONS:**

For applications where resistance to severe impact on ferrous parts subjected to heavy shock loading and pounding in service is desired. A specially formulated flux coating allows rapid deposition with very low spatters. Deposits are completely machinable.

**PROCEDURE:**

Clean weld area of any surface contamination. Use of Lomelt 602 is recommended to remove fatigued metal. Heavy sections may be preheated to about 120°C - 150°C. Holding a short to medium arc, stringer or weaving technique could be employed. Remove slag between passes. Allow slow cooling.

**HARDNESS** (As deposited) : 275-325 BHN

**RECOMMENDED AMPERAGE:**

Size	Range
3.15 mm	90-120 Amps
4.00 mm	120-150 Amps
5.00 mm	150-190 Amps



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