

# MG 760

**Abrasion and crack resistant-forgeable  
build-up deposits**



## GENERAL CHARACTERISTICS:

MG 760 is high quality electrode designed to meet and prevent wear by a variety of abrasive media. Its unique alloy system utilizes a reinforced matrix rather than carbide formation to provide a tough but forgeable deposit.

## APPLICATIONS:

Build-up and surfacing of new and worn machine parts of steel, cast steel and manganese steel. Also dredger teeth, crusher jaws, hammer mill parts, conveyors, pressure rollers, shovel teeth, stampers, caterpillar drives and earth borers.

## TECHNICAL DATA:

|          |   |
|----------|---|
| Hardness | As Welded: up to 55-60 HRC (2 pass average) |
| Polarity | AC or DC (+/-)                              |

| Diameter      | Amperage |
|---------------|----------|
| 1/8" (3.2mm)  | 80-120   |
| 5/32" (4.0mm) | 110-160  |
| 3/16" (5.0mm) | 140-180  |

## PROCEDURE:

Remove all foreign material including previous coatings and worn or contaminated metal. Preheat is generally not required for Mild and low-carbon steels but may be advisable for higher alloys and thick sections. Maintain a medium arc and apply MG 760 in stringer or weave beads with a drag techniques. Insulate preheated parts and allow to cool slowly until below 200 degrees, then cool in still air.

