

# MG 740

**Compression resistant alloy for build-up  
and hardfacing cushion layers**



## GENERAL CHARACTERISTICS:

For deposits of intermediate hardness and toughness. MG 740 deposits quality welds in all positions with excellent efficiency and recovery rates. Its high compressive strength makes MG 740 a good foundation for hard- and wear-facing applications as well as a rebuild alloy. Deposits can be machined, forged and flame cut.

## APPLICATIONS:

Build up and padding of carbon and low alloy steels. Deposits can be built up to heavy thickness without danger of cracking. Can be used to rebuild tractor pads and rollers, wobblers, roll ends, rail and rail ends. Hardfacing of structural steel or cast steel machine components subjected to wear, such as slideways, truck wheels, wheel crowns, guides, couplings, brake drums, and rope winches.

## TECHNICAL DATA:

Hardness	33-41 HRC
Polarity	AC or DC (+/-)

  

Diameter	Amperage
1/8" (3.2mm)	90-120
5/32" (4.0mm)	130-160
3/16" (5.0mm)	160-190

## PROCEDURE:

Remove fatigued metal with MG 560 or MG 570 and clean remaining oxides and debris. Using AC or DC to deposit stringer or weave beads as needed. Deposits can be forged at medium heat. Use straight polarity (DCEN) for highest build-ups.

