

MG 710

Premium quality alloy for air-hardening tool steels



GENERAL CHARACTERISTICS:

Unique alloy formulation makes this electrode outstanding for the repair of “air” hardening steels. Deposits are highly crack resistant, forgeable and temperable. Unlimited passes in all positions.

APPLICATIONS:

Ideal for repair and build-up of shearing blades, planer plates, anvils, woodworking tools, percussion drills, earth borers, pressure rollers, clamping tools, worm conveyors, mixer arms, rollers, shovel and dredger teeth, crusher jaws and rings. Also for machine parts of steel, cast steel and manganese steel which are subjected to grinding wear combined with strong impact.

TECHNICAL DATA:

Hardness	As Welded: 55-60 HRC
Current	AC or DC either polarity

Diameter	Amperage
3/32" (2.4mm)	45-90
1/8" (3.2mm)	80-120
5/32" (4.0mm)	110-140

PROCEDURE:

Clean weld area. In general it is not necessary to preheat, but if the base metal is highly carbonized it should be preheated to approximately 390°F (200°C). Build part to desired shape by using as many passes as necessary. Heat to a bright red; forge and grind to required dimension. Heat-treat and harden as you would for the base metal upon which the weld was applied. Final tolerances may be obtained by grinding.

Also available in MIG and TIG.

