

SME GA1

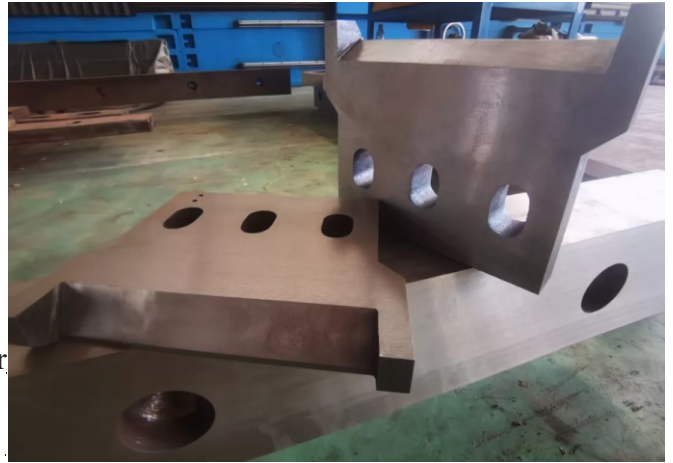
A SPECIAL ELECTRODE FOR APPLICATIONS SUBJECTED TO ABRASIVE WEAR

Alloy Basis

C, Cr, Ni, Mo

Characteristics :

SME GA1 is a hard surfacing electrode designed to deliver a highly wear-resistant and tough deposit for surfacing components subjected to severe abrasive wear, impact and elevated temperatures. It produces sharp edges without requiring heat treatment and offers excellent multi-pass welding capability without cracking.



Typical Application

Applications include cutting and forming tools, shear blades, punches and dies for both hot and cold conditions as well as demanding applications such as digger teeth, drills, conveyor screws and more.

Mechanical Properties

HARDNESS: 56 - 60 HRC

Welding Current : AC, DCEP

Size (Ø mm)	3.15	4.00	5.00
Current (amps)	90 - 120	120 - 160	160 - 200

Availability:

Standard Size: 5.0,4.0,3.15 in 350 mm length

Packing : 2 Kg

Procedure

Remove all damaged and fatigued weld metal and clean the weld area thoroughly. Use a short to medium arc length, deposit stringer beads and back-whip the crater for optimal results.