

SME G43S

A SURFACING ELECTRODE WITH EXCEPTIONAL METAL RECOVERY FOR OUTSTANDING RESISTANCE AGAINST ABRASION

Alloy Basis

C, Cr, Nb

Characteristics :

SME G43S is a hard surfacing electrode offering very high metal recovery, exceptional abrasion resistance, metal-to-metal wear protection, and mild impact resistance at temperatures up to 650°C. It ensures easy arc control in the horizontal position with no slag interference.



Typical Application

Applications include refractory press screws, palm oil expeller flights, conveyor screws, impellers, dredging cutters & drag heads, runner bottom edges, pug mills, knives, wing knives, augers, boring bits, blast furnace bells and hoppers, clinker crusher hammers and rotors.

Mechanical Properties

HARDNESS: 56 - 62 HRC

Metal Recovery: 180 %

Welding Current : AC, DCEP

Size (Ø mm)	3.15	4.00	5.00
Current (amps)	120 - 140	140 - 180	170 - 210

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.