

SME G38S

SPECIAL ELECTRODES FOR IMPROVING GREEPING AND WEAR PROTECTION OF SUGAR CANE, CRUSHER ROLLED TEETH

Alloy Basis

Cr, Mn

Characteristics :

SME G38S electrodes posses smooth and stable arc, even in positional welding, provides faster build-up due to high deposition rate. Excellent deposition with an aggressive spray-type arc, permits its use even while the rolls are in operation (wet arcing). Resistant to heavy loads produced during crushing of cane. Imparts better grip to cane being crushed, thus increasing the efficiency and productivity of sugar mills.



Typical Application

Used for reclamation of sand mixing blades, scrapers, screw flights, mixing paddles, also used for Spot-Arc" building roughening the chilled cast iron rolls in the sugar mills..

Mechanical Properties

Hardness :

As welded 55 - 62 HRC

Welding Current : AC, DCEP

Size (Ø mm)	3.15	4.00	5.00
Current (amps)	100 - 140	140 - 180	160 - 190

Availability:

Standard Size: 5.0, 4.0, 3.15 in 350 / 450 mm length

Packing: 2, 5 kg.

Procedure

Clean the weld metal surface by Grinding, used on the Crushing Rolls in operation Deposit on the side walls of the groove with the electrode in contact position. SME G38 S can be applied directly on the sugar juice impregnated surfaces..