

SME G461

HARD SURFACING ELECTRODE WITH VERY HIGH METAL RECOVERY, HIGHLY ABRASION RESISTANT ELECTRODE

Alloy Basis

Cr, Cb, V, Mo

Characteristics :

SME G461 Electrodes Excellent electrode for extreme abrasion resistance even at high temperatures. Unique alloy of complex carbides. Soft, stable and easily controllable arc, negligible slag. Exceptionally high metal recovery.

Typical Application

SME G461 Electrodes Used For surfacing of ore-crushing rolls, gyratory crusher mantles, ore-breaker teeth, scraping beaks, sinter plants, disintegrators, etc. Specially designed for applications where welds have to withstand heavy abrasion in service and metal-to-metal wear.

Mechanical Properties

Hardness : 56 - 64 HRC

Welding Current : AC, DCEP

Size (Ø mm)	3.15	4.00	5.00
Current (amps)	100 - 130	130 - 170	160 - 210

Availability:

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

Packing: 2 kg.

Note to Usage

Clean the weld metal surface by wire brush, Deposit holding short & medium arc. Do not deposit more than 2 layers.

