

LH 710



ELECTRODE FOR TOUGH AND
WEAR-RESISTANT AGAINST FRICTION

PROPERTIES

Basic coated, all position electrode. The deposit is particularly resistant to mild impact and friction. Thick surfacing without intermediate layers possible.

PROCEDURE

Clean the surface thoroughly. Remove all cracked and spalled metal. Use short arc and lay stringer beads. Weld 2-3 layers. Finish weld metal by machining to the required size.

WELDING CURRENT

| CURRENT | LENGTH | AMPS |
|-------------|---------|---------|
| AC / DC (+) | 3.2x350 | 80-110 |
| | 4.0x350 | 110-160 |
| | 5.0x350 | 140-180 |

TYPICAL APPLICATIONS

Surfacing of parts subject to wear by friction and mild impact. Rims, carbon-alloyed rails, dies, striking tools, rolling surfaces, sliding surfaces subject to heavy wear, stampers, etc. also ideally suited for construction & mining machinery parts like drive sprockets, rollers, concrete mixer blades, pump shafts and conveyor screws. The right choice for providing buffer layers where friction, mild impact and abrasion occur together.



SPECIFICATIONS

ALLOY BASIS: Cr, Mn



TECHNICAL DATA

Hardness: 29-35 RC