

# LEADER 7743R

## Applications

For hardfacing of parts subject to heavy abrasion and metal to metal wear with moderate impact upto 510° C Suitable for refractory, press screws-brick press screws, cement press screws. Plam nut press screws, parts of crushers for friable material, conveyor screws, impellers, dredging bucket, Edge runner bottom. Pug mill, wing knife, auger, boaring bits, blast furnace bells and hoppers.

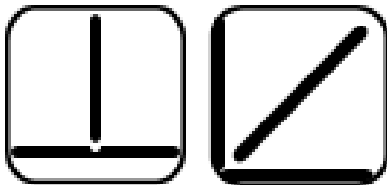
## Characteristics on Usage

Hard surfacing electrodes with very high metal recovery. Exceptional abrasion resistance at room temp. Easy arc control in horizontal position. No slag interference.

## Notes On Usage

- ✍ Use a medium / long arc, to prevent excessive dilution with parent metal. Use low amperage.
- ✍ The recommended hardness is obtained in the second or third layer.

## Welding Positions



1G

2F

## Mechanical Properties Of Weld Metal

HARDNESS  
ON III rd  
LAYER

57-61 RC

## Packing and Welding Current

| SIZE ( mm ) | KG PER PACKET | KG PER CARTON | In Amps   |
|-------------|---------------|---------------|-----------|
| 3.15 X 350  | 2             | 10            | 125 - 160 |
| 4.00 X 350  | 2             | 10            | 140 – 200 |
| 5.00 X 350  | 2             | 10            | 220 - 300 |