

SME A115

Electrodes for MMAW Process

Cast Iron

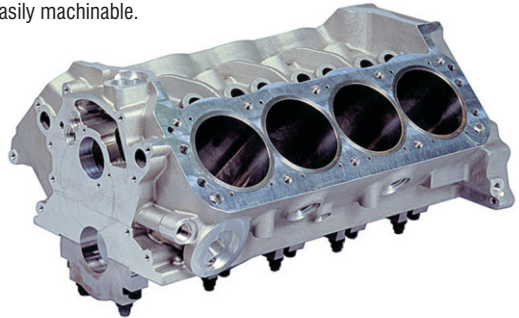
Low-Heat Input Welding Alloys

Alloy Basis :

Ni

Characteristics :

1. SME A115 is a electrode suitable for cold welding of all grades of Cast Iron
2. Electrode with stable and soft arc, regular flow which can be used for all-position welding.
3. Heat Affected Zone (transition zone) of weld metal is easily machinable.
4. Minimum penetration and hence very less dilution.
5. No undercuts.
6. Very fine and even weld ripples



Technical Data :

UTS : 35-40 kgf/mm²

Applications :

1. Suitable for cold welding of all grades of Cast Iron without preheat.
2. Suitable for repair-welding of intricate parts of cast iron, water-pump housing, frame parts, gears and cylinder blocks.
3. For joining carbon steel to all grades of cast iron.
4. Most ideal for salvaging foundry castings, gearboxes, sugar mill rollers, glass moulds, etc.

Welding Current : AC / DC (-)

Size (Ø / Length) mm	2.5 x 350	3.2 x 350	4.0 x 350
Current (amps)	50 - 70	80 - 110	90 - 120

Availability:

Standard Size: 5.0, 4.0, 3.2 and 2.5 in 350 mm length
Packing: 2 , 5 Kg.