

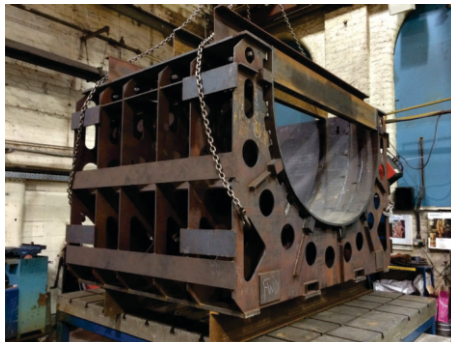
Low-Heat Input Welding Alloys

Alloy Basis :

Fe, C, Mn, Si

Characteristics :

SME A00 is suitable for high productivity welding of Mild steel and gives smooth, uniform and radiographic quality Weld bead. Since this is all position contact welding electrode, no special skill is required while welding and welder's fatigue is reduced. It is possible to use currents still lower than those specified for welding thin sheets to avoid distortion and warpage.



Technical Data :

UTS : 40-50 kgf/mm²
Elongation : 17-25%

Applications :

1. Suitable for Wagon and carriage welding.
2. Welding of chain, storage tanks, auto-bodies.
3. Steel doors and windows, steel furniture, pipes, sheet metal works, etc..

Welding Current : AC / DC (+)

Size (Ø / Length) mm	2.5 x 350	3.2 x 350	4.0 x 350	5.0 x 350
Current (amps)	50 - 80	90 - 140	140 - 180	180 - 220

Availability:

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