

Electrodes for Metal Working

SME I01



 **SENOR[®]**
One Stop Solution for Welding & Brazing Consumables

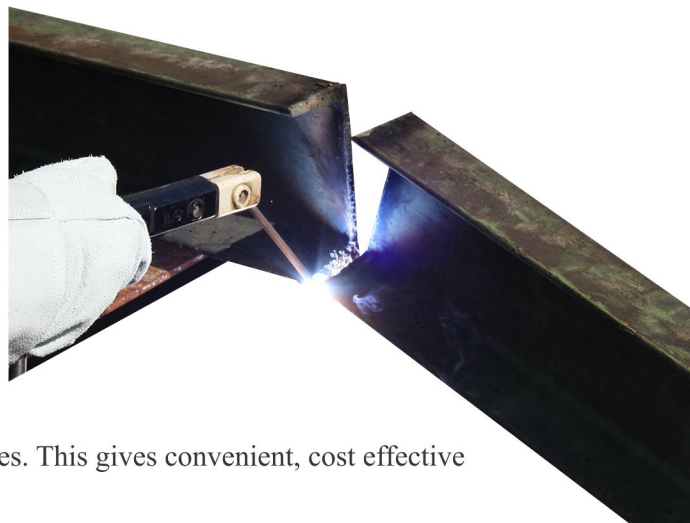
SME I01

Electrodes for Metal Working

Cutting & Gouging

Characteristics :

SME I01 is a electrode suitable for cutting all conducting metals. It produce smooth cuts and pierce metals in all positions Suitable for all positions. These electrodes are good for preparation prior to repair of cast iron . A forceful arc renders it possible to cut all metals and alloys without the necessity of supplementary gas, compressed air or oxygen or special torches. This gives convenient, cost effective cutting method.



Applications :

1. Suitable for cutting and piercing carbon steels, low alloy steels, stainless steels, Cast irons, copper alloys, aluminium and Nickel and Nickel alloys.
2. This is good for burning rivets dismantling work at site and for cutting off unwanted metal in foundry castings.
3. Suitable for cutting where gas cutting is not convenient

Welding Current: AC / DC(-)

Size (Ø mm)/ Length	3.5 x 350	4.0 x 350	5.0 x 350
Current (amps)	200 - 280	300 - 400	350 - 500

Availability:

Standard Size: 5.0, 4.0, 3.2 and 2.5 in 350 / 450 mm length
Packing: 5 kg.

Note on Usage:

1. Clean the area by wire brush .Remove cracked metal
2. Preheat at 150°C if parts around 40°C or thicker than 25 mm
3. Use short arc and lay stringer beads
4. Excessive weaving is not recommended as wide beads can cause excessive base metal overheating and degrade the weld deposit wear properties
5. Follow the recommended welding parameters to achieve good deposit.
6. After welding allow parts to slow cool in still air

Above are basic guidelines and will vary depending on joint design, number of passes and other factors.

⚠WARNING Ⓢ

Protect yourself and others. Read and understand this warning. Do not remove this warning.

Fumes and Gases can be hazardous to your health

- Before use, read and understand the Material Safety Data Sheet (MSDS), the manufacturer's instructions, and your employer's safety practices.
- If MSDS is not enclosed. Obtain from your employer.
- Keep your head out of the fumes. See Section 5 of the MSDS for specific fume concentration limits.
- Use enough Ventilation, exhaust at the arc, or both, to keep fumes and gases from your breathing zone and the general area. If needed, use a proper respirator.
- No hazards exist before this product is used in arc welding.

Electric Shock can kill

- Always wear dry insulating gloves
- Insulate yourself from work and ground.
- Do not touch live electrical parts.

ARC Rays can injure eyes and burn skin

- Wear welding helmet with correct filter.
- Wear correct eye, ear, and body protection.

Welding can cause fire or explosion

- Do not weld near flammable material.
- Watch for fire, keep, extinguisher nearby.

Read American National Standards Z49.1, "Safety In Welding, Cutting and Allied Process." from American Welding Society.