

# Jupiter<sup>®</sup> AAA

## Shielded Metal Arc Welding (SMAW – Stick)

For all Meehanite, ductile, malleable, gray cast irons and steel to cast iron.

### Features

- High Strength Up To 70,000psi
- No Electrode Overheating
- Smooth Ductile Deposits
- Steel To Cast Iron
- More Efficient Deposits
- All Weldable Grades Of Cast Iron
- Machinable Deposit
- Eliminates Porosity

### Characteristics

**Jupiter AAA** is engineered to give the user a high strength ductile weld without electrode overheating, thus producing a much more efficient deposit that is machinable. Welds are typically smooth, porosity free and flat. Excellent tie in between passes.

**Jupiter AAA** makes it easier and more cost effective to do large cast iron repairs. It can be used on dirty and oil impregnated pieces without the problem of electrode overheating. Superior choice for joining cast iron to steel.

### Technical

Size and Amps AC/DC  $\pm 20\%$

Inches	3/32	1/8
(mm)	(2.4)	(3.2)
Amps	80	100

With DC use reverse polarity. (DCEP)

### Application

- Remove cracks and stop drill.
- Use medium arc and stringer beads.
- Skip weld, light peening recommended.
- For critical or heavy parts preheat to 500°F (260°C).
- Cool slowly after welding.