



Pfister Pump

## Electrode suitable for joining and rebuilding of nodular, alloyed cast iron.

### Typical Applications:

Nodular iron casting, housing, foundry defects, pump casings, high strength alloyed cast iron gear boxes, machine bases, cast iron die cladding and build up etc.

### Outstanding Features:

- Ideal for joining cast iron to steel.
- Deposits having high crack-resistivity due to nodular deposits.
- Exceptional weldability on thick cross sections.
- Excellent machinability.

### Recommendation:

For superior penetration on contaminated surfaces of all ductile iron such as nodular and malleable, as well as joining of grey cast iron to steel. Fully machinable deposit, recommended for crack resistant joining, overlaying, built up and filling porosity.

### Procedure:

Remove cracks with EWAC GOUGETRO. Drill holes at the starting and end of the cracks. Deposit weld metal directly on job. Use skip welding on complicated sections. Maintain interpass temperature of 100°C. Chip slag between passes and peen deposits. Fill crater at end of each pass. Cover the component and allow slow cool.

### Recommended Amperages:

Size (mm)	Amperage
2.50	50 - 70
3.15	70 - 95
4.00	90 - 125
5.00	110 - 145

**Tensile Strength:** 42 Kg/mm<sup>2</sup>  
(59,000 psi)