

# FERROLOID 1

## Excellent colour match with all cast irons

Ferrolloid 1 is a monel-cored electrode depositing a weldmetal, which bonds easily and matches in colour with cast iron. Weld deposit is soft, ductile and machinable. It is very effective for defect correction in foundries. It is excellent for joining cast iron to steel.

**ALLOY BASE:** Ni, Cu, Fe

## SPECIAL FEATURES

- Smooth and stable arc with low spatter. · Excellent colour match.
- Good machinability.
- Slag is easily detachable.

## APPLICATIONS

Repairing of cracks and for depositing buffer layer prior to building up with nickel-copper types of weld metal, rebuilding of broken, cracked, worn-out cast iron castings, gear teeth, pump impellers, pump casing etc.

Pipes, especially with heavy wall thickness, can be welded in circumferential positions without cracks.

## PROPERTIES

UTS : 35-40 kg/mm<sup>2</sup>

## CURRENT RANGE : (AC 50, DC±)

Size (mm)	Length (mm)	Current Range (Amp)
3.15	350	75-95
4.00	350	100-130
5.00	350	130-160