



EAGLE 807

Superior High Strength Jet Type Electrode For Joining High Alloy Steel

APPLICATIONS

For Joining high alloy steels to low alloy steels. Repair and build-up on frog points, machinery parts and repair of manganese bucket lips. This alloy can be used as a cushion layer for hardfacing. Excellent for repairs on crusher hammers, rolls and mantels.

PROCEDURE

Use AC or DC Reverse [+] Polarity. When welding on Manganese steels, remove hardened surface layer and preheat is not recommended. All welds should be made in the flat and horizontal position. Maintain a medium to short arc length while welding. Peening while hot will reduce stresses. Allow casting to cool slowly.

GENERAL CHARACTERISTICS

The **EAGLE 807** has a high deposition rate that produces non-cracking welds under heavy impact.

TECHNICAL DATA

Tip Colour: Red
Tensile Strength: Approx. 100,000 psi
Elongation: Approx. 40%

WELDING PARAMETERS

Current:	AC or DC Reverse [+] Polarity			
Sizes:	Inches	1/8	5/32	3/16
	mm	3.25	4.00	5.00
Amperage:	90 - 130	130 - 150	160 - 180	



SINCE 1990

≡ HIGH QUALITY WELDING PRODUCTS ≡

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