



EAGLE 770 MC

Superior Metal Type Core Wire for Joining Carbon Steel

APPLICATIONS

For welding of steel structures such as industrial machinery, heavy equipment and construction machines where single and multipass pass welding can be performed without slag removal.

PROCEDURE

Use DC Reverse [+] Polarity. Use the grinding method or remove fatigued metal using the **EAGLE 188**. Use the lowest effective amperage while maintaining a 3/4" stick out length. Use the stringer bead technique for maximum strength.

GENERAL CHARACTERISTICS

The **EAGLE 770 MC** is a metal core wire designed to produce superior weldments using a gas shield of up to 80% Argon + CO₂. Multi layer welding can be performed without the need to deslag and this wire produces very little fume.

TECHNICAL DATA

Tensile Strength: Approx. 87,000 psi
Yield Strength: Approx. 77,000 psi
Elongation: Approx. 27%
Charpy V Notch: (J-30C) 54
Current: DC Reverse [+] Polarity

WELDING PARAMETERS

Sizes:	Inches	0.45	1/16
	mm	1.20	1.60
Volts:		24 - 32	26 - 34
Amperage:		150 - 350	300 - 450
Gas Flow:		30 - 40 CFH	
Shielding Gas:		80/20% AR/CO ₂ or 75/25% AR/CO ₂	



≡ HIGH QUALITY WELDING PRODUCTS ≡

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