



EAGLE 566 MC

Ultra superior gas shielded metal cored wire for excellent metal to metal wear.

APPLICATIONS

High quality alloy for parts subject to metal to metal wear resistance. Typical applications include shear blades, cutting knives, dies and tire recycling knives.

PROCEDURE

DC reverse polarity (+) Use lowest effective amperage while maintaining a 1/2 – 3/4 inch stick out length (+ or - 1/4 inch). Clean surface area of any mill scale using the grinding method. Preheat to a minimum of 500⁰F (260⁰C). Use the stringer bead method to reduce surface checking. Maximum overlay of two passes.

GENERAL CHARACTERISTICS

The EAGLE 566 MC is a gas shielded metal cored high speed tool steel wire that has excellent metal to metal wear resistance and good edge retention.

TECHNICAL DATA

Hardness: (RC)	Approximate 62 - 65		
Current:	DC Reverse (+)		
Sizes: (IN)		.045	1/16
(MM)		1.20	1.60
Amperage:		175 - 250	200 - 300
Volts:		25 - 30	25 - 30
Gas Flow:	30 – 35 CFH		
Shielding Gas:	75Ar – 25 Co ₂ - 98Ar- 2O ₂		

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