



!!!! WARNING !!!!



WELDING FUMES AND GASES CAN BE DANGEROUS TO YOUR HEALTH.

BEFORE USING THIS PRODUCT THE WELDER (END-USER) MUST READ AND UNDERSTAND THE COMPLETE PRODUCT WARNING LABEL AND MATERIAL SAFETY DATA SHEET (MSDS).

THE MATERIAL SAFETY DATA SHEET (MSDS) WHICH OUTLINES THE POTENTIAL HEALTH HAZARDS AND SAFETY INFORMATION RELATED TO THIS PRODUCT CAN BE DOWNLOADED FROM THE MSDS PORTION OF THIS WEBSITE. IT IS ALSO AVAILABLE FROM YOUR EMPLOYER AND WELDING SUPPLY DISTRIBUTOR.

DO NOT PROCEED WITH USE OF THIS PRODUCT UNTIL YOU READ AND UNDERSTAND THE MATERIAL SAFETY DATA SHEET (MSDS) AND PRODUCT WARNING STATEMENT.

BE SURE TO CONSULT THE LATEST VERSION OF THE MSDS.

SEE THE PRODUCT WARNING LABEL AND MSDS FOR COMPLETE WARNING INFORMATION.



CROWN ALLOYS

COMPANY

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Crown Mar 301-10

36" Bare TIG Wire for Maraging Tool Steel

Typical Applications:

Primarily used for repair and build up of hot working dies and tools made from all grades of maraging steels used in the Aluminum and Zinc die casting industry, forging and extrusion dies, and plastic and rubber injection industries.

Specifications:

➤ Carbon	0.03
➤ Molybdenum	5.30
➤ Nickel	18.50
➤ Cobalt	9.00
➤ Titanium	0.60
➤ Hardness	34-38 (Rockwell C) as welded
➤ Maraged	900°F/3hr. air: 53-54 (Rockwell C)
➤ Heat Treatment	Preheat as required by base metal

Procedure:

Prepare area to be welded by grinding out cracks and fatigued metal. Remove all foreign material. Use DC straight polarity. Use argon shielding gas. Keep work as cool as possible during welding.

Sizes:

1/16
3/32
1/8