

## COR™FACE 161 MC

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### DESCRIPTION

COR™FACE 161 MC is a metal-cored, economical, wear-resistant alloy designed to combat abrasion at elevated temperatures. 161 MC employs a 430 stainless steel sheath with a lustrous addition of tungsten carbide particles.

### APPLICATIONS

161 MC is typically used for overlaying carbon, and low alloy steels. The welded deposit has approximately 8% chromium for resistance to abrasion at temperatures up to 1000°F.

### PROCEDURE

Hardfacing generally does not require any heat treatment. Preheat and post-heat according to the base metal requirements where necessary.

### WELDING PARAMETERS

	Size	Volts	Amps	Shielding Gas/Flux
MC-G	1/16"	20-23	210-250	100%Ar or 75%Ar-25%CO <sub>2</sub>
MC-G	3/32"	24-28	250-400	100%Ar or 75%Ar-25%CO <sub>2</sub>

### MECHANICAL PROPERTIES

Hardness: Matrix: 60 Rc  
 WC Particles: 2600 Knoop (no Rc conversion available)

### CLASSIFICATION

Cr steel hardfacing alloy