COR™ FACE 162 MC

DESCRIPTION
COR™ FACE 162 MC is a metal-cored, economical, wear-resistant alloy designed to combat abrasion and mild corrosion. It is a 304 stainless steel sheath with 55 weight% tungsten carbide particles.

APPLICATIONS
162 MC is typically used for overlaying carbon, and low alloy steels. The welded deposit has approximately 9% chromium and 5% nickel for mild resistance to corrosion as well as abrasion.

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

WELDING PARAMETERS

<table>
<thead>
<tr>
<th>Size</th>
<th>Volts</th>
<th>Amps</th>
<th>Shielding Gas/Flux</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC-G</td>
<td>1/16&quot;</td>
<td>20-23</td>
<td>210-250 100%Ar or 75%Ar-25%CO₂</td>
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<tr>
<td>MC-G</td>
<td>3/32&quot;</td>
<td>24-28</td>
<td>250-400 100%Ar or 75%Ar-25%CO₂</td>
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</tbody>
</table>

MECHANICAL PROPERTIES
Hardness: Matrix:

WC Particles: 2600 Knoop (no Rc conversion available)

CLASSIFICATION
Cr-Ni steel hardfacing alloy