**COR™ FACE 160 MC**

**DESCRIPTION**
COR™ FACE 160 MC is a metal-cored, economical, wear-resistant alloy designed to combat severe abrasion. It is a mild steel sheath with 55 weight% tungsten carbide particles.

**APPLICATIONS**
160 MC is typically used for overlaying carbon, and low alloy steels. The welded deposit hosts blocky carbide particles in a steel matrix, a very effective combination.

**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”</td>
<td>20-23</td>
<td>210-250</td>
</tr>
<tr>
<td>MC-G</td>
<td>3/32”</td>
<td>24-28</td>
<td>250-400</td>
</tr>
</tbody>
</table>

**MECHANICAL PROPERTIES**

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

**CLASSIFICATION**

Steel hardfacing alloy