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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

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

MECHANICAL PROPERTIES

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

CLASSIFICATION

Steel hardfacing alloy