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COR™FACE 10V FC

DESCRIPTION

COR™FACE 10V FC is a flux-cored, hardfacing wire fortified with carbon and vanadium to provide exceptional wear resistance and strength in cold work applications. It can also be polished to a high luster. This vanadium carbide alloy has excellent wear resistance for fine particle abrasion.

APPLICATIONS

Typical uses include punches and dies for blanking, piercing, and forming; slitting and trimming knives; hardfacing the cutting edge of earth moving equipment and cold extrusion dies.

PROCEDURE

Preheat according to base material.

WELDING PARAMETERS

| | Size | Type | Volts | Amps | Stickout | Gas/Flux |
|------|-------|------|-------|---------|----------|------------------------|
| FC-G | .045 | FC-G | 18-25 | 150-250 | 1/2" | 75Ar-25CO ₂ |
| FC-S | 3/32" | FC-S | 28-32 | 250-350 | 3/4" | Lincoln 880 |

MECHANICAL PROPERTIES

Hardness of undiluted weld metal: 60 Rc