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COR™FORGE F1122 FC

DESCRIPTION

COR™FORGE F1122 FC is a flux-cored, nickel-chrome-moly alloy designed for high temperature applications requiring strength and oxidation resistance. F1122 FC offers a smooth, globular transfer and excellent controllability in the flat position.

APPLICATIONS

F1122 FC is primarily used for high-temperature forging equipment. It maintains strength at service temperatures up to 1500°F over extended contact periods. Typical uses include mandrels and rings dies.

PROCEDURE

Preheat and postheat according to the base material.

WELDING PARAMETERS

Type	Size	Volts	Amps	Shielding Gas/Flux
FC-G	1/16"	23-26	175-225	75Ar-25CO ₂
FC-G	3/32"	25-27	275-350	75Ar-25CO ₂

MECHANICAL PROPERTIES

Tensile Strength: 100,000 psi
Elongation: 30%

CLASSIFICATION

Chrome-Moly-Tungsten Nickel Base Alloy