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## COR™FORGE F1122 FC

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### DESCRIPTION

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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

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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

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Preheat and postheat according to the base material.

### WELDING PARAMETERS

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

### MECHANICAL PROPERTIES

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Tensile Strength: 100,000 psi  
Elongation: 30%

### CLASSIFICATION

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Chrome-Moly-Tungsten Nickel Base Alloy