



EAGLE ALLOY 6

High Quality Cobalt Based Hardfacing

CONFORMS TO AWS A5.13 Type ECoCr-A

APPLICATIONS

High quality alloy for hardfacing that is resistant to heat, corrosion and oxidation. **ALLOY 6** is used for surfacing valves, valve seats, flapper gates, pump shafts, coke pusher shoes, hot trimming dies, pulp digesters, saw guide bars and hot trimming dies.

PROCEDURE

Use AC or DC Reverse [+] Polarity. Use the grinding method or remove fatigued metal using the **EAGLE 188**. Use lowest effective amperage while maintaining a short to medium arc length making either stringer beads or weave beads. Pre-heat heavier sections to 550° F (290° C).

GENERAL CHARACTERISTICS

The **EAGLE ALLOY 6** is a cobalt based alloy containing chromium and tungsten. This alloy provides a tough hardfacing material that is resistant to heat, corrosion, and oxidation. Machinable with carbide tools.

TECHNICAL DATA

Tip Colour: Red
Hardness: (RC) Approx. 37 - 40

WELDING PARAMETERS

Current:	AC or DC Reverse [+] Polarity			
Sizes:	Inches	1/8	5/32	3/16
	mm	3.25	4.00	5.00
Amperage:	90 - 120	135 - 160	140 - 180	



≡ HIGH QUALITY WELDING PRODUCTS ≡

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