

Addifix 758

**COBALT ELECTRODE FOR HEAVY WEAR,
VERY HIGH TEMPERATURES AND
CORROSIVE ENVIRONMENTS (AC/DC+)**

A combination of very fine carbides dispersed in a work hardening Austenitic matrix results in outstanding wear properties under adverse operating conditions.

Hardness:	Work Hardens to
Diameter:	Rockwell "C" 48
Amperage:	1/8 5/32 3/16
	120 160 200

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- **Ideal for heavy metal wear.**
 - **Work hardens in use.**
 - **Maintains hardness and toughness to 2000°F.**
 - **Absorbs both thermal and *heavy* forging shocks.**
 - **Very good abrasion resistance.**
 - **Superior corrosion resistance.**
 - **Excellent for parts subjected to high temperature and impact.**
 - **Dense smooth deposit.**
 - **Polishes to a mirror finish with a low coefficient of friction.**
 - **Handles room temperature repetitive impacts very well.**
 - **Alloy maintains sharp cutting edges in metal working operations.**
 - **Cobalt base alloy contains Chromium, Molybdenum and Nickel.**
 - **Electrode burns entirely to the butt without overheating.**
 - **Full slag cover which removes easily.**
 - **Machinable with proper cutting tools.**

Typical Industrial Applications: Hot work tools, shear blades, forging dies, hot trim dies, hot rolling dies, hot punches, extrusion dies, mandrels, hot metal handling implements, furnace parts, steel mill tong bits, conveyor rolls, guides, sprockets and gears exposed to severe heat, glass and ceramic molds, engine valve seats, acid sludge pump rods, chemical reactors, screw presses and galvanizing tank parts.

Note: If the application requires the deposit be completely free of any cross checks, preheat to 1000°F and slow cool after welding.