

# Executive 70S-6 CCX

*Executive*  
FILLER METALS

**A premium quality S6 designed for automated applications where elevated levels of consistency and reliability are demanded.**

Executive 70S-6 CCX is a premium quality copper coated S6 wire when consistency and reliability is demanded. It contains higher levels of Si and Mn that allow better wetting, flatter beads, faster travel speeds, and is the superior choice to other wire options.

As part of the executive family, Executive 70S-6 CCX is manufactured with tight tolerances that make it ideally suited for automatic and robotic applications. It is intended for both single and multi-pass welding.

Executive 70S-6 CCX operates effectively with CO<sub>2</sub> or Argon mixed gas and is optimized for welding steels with moderate amounts of scale or rust.

Executive 70S-6 CCX wire chemistry conforms to AWS/SFA 5.18 and is certified for GMAW by the CWB to classification B-G 49A 3 C1 S6 of CSA Standard W48.

## Advantages

- CMTR's provided by heat/lot with actual analysis
- Uniform copper coating extends life of consumable MIG parts
- Produces lower fume levels than standard wires
- Minimal Spatter with easy clean up
- Optimized for automatic and robotic applications

**Doing the common uncommonly well**

## Executive 70S-6 CCX

### TYPICAL CHEMICAL COMPOSITION

#### CLASSIFICATION

	C	Cr	Ni	Mo	Mn	Si	P	V	S	Cu
ER70S-6	0.08	0.03	0.02	0.01	1.5	0.85	0.01	0.005	0.01	0.03

### TYPICAL MECHANICAL PROPERTIES AS WELDED

	Yield Strength (mPa)	Tensile Strength (mPa)	Elongation %	CVN -30°C (-22°F)
ER70S-6	460	520	30	92 J 70 (ft-lb)

Executive 70S-6 CCX is available in .035", .052", .045" on 44-lb spools, and 550-lb drums. *\*A variety of sizes and packaging options are available upon request.*

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