

**AMETEK®****NEWS****SPECIALTY METAL PRODUCTS DIVISION**

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**AMETEK SPECIALTY METALS OFFERS PFINODAL® ALLOYS AS  
HIGH-PERFORMANCE ALTERNATIVES FOR MITSUBISHI COPPER ALLOYS  
Patented Process Technology Results in Superior Strength and Performance**

WALLINGFORD, CT – AMETEK Specialty Metal Products (SMP) is set to fill the supply void created by Mitsubishi Electric Metecs Co., Ltd., which ceased production of copper alloys, including MX215 and MX96, in March 2015, with a line of high-performance Pfinodal® copper alloys.

The unique combination of strength, formability, non-sparking and anti-galling characteristics of AMETEK's Pfinodal® alloys make them excellent alternatives for Mitsubishi's copper alloys. The beryllium-free material is available with enhanced mechanical properties that offer improved strength and ductility.

Pfinodal C72900 alloys consist of copper, nickel (15%) and tin (8%) and are made utilizing a proprietary powder metallurgy technology. AMETEK's patented process produces a homogeneous single-phase structure that achieves excellent uniformity, formability and strength and ensures optimum reproducible properties.

AMETEK's Pfinodal alloys have low magnetic permeability, excellent lubricity, machinability, and anti-galling characteristics. They are available in a variety of forms, including strip, wire, plate, and bar up to 6" diameter, and as custom-engineered shapes and finished parts.

AMETEK Specialty Metal Products is a world leader in metal powders, high purity strip, ultra thin metal foil, specialty wire, metal matrix composites, engineered shaped components and clad metal products with numerous patents in technically advanced metallurgical materials.

AMETEK SMP manufactures or consolidates a variety of metal alloys including stainless steels, nickel-based alloys, cobalt-based alloys, titanium and titanium alloys and master alloys. For over 65 years, it has developed innovative, proprietary products tailored to specific customer applications.

AMETEK, Inc. is a leading global manufacturer of electronic instruments and electromechanical products with annual sales of \$4.0 billion. For more information on Pfinodal alloys, contact AMETEK Specialty Metal Products, 21 Toelles Road, Wallingford, CT 06492. Phone: 203-265-6731. Fax: 203-949-8876. Web: [www.ametekmetals.com](http://www.ametekmetals.com)

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[Click here for a hi-res image of AMETEK Pfinodal components](#)