

# Carbide Tool Manufacturing and Pre-Form Shape Stamping

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## Brazing Alloys



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# Turn to the STRIP and TRI-METAL Pros

# SINGLE AND TRI-METAL BRAZING STRIPS

For Carbide Tool Manufacturing and Pre-Form Shape Stampings.

## Benefits of Strip and Tri-Metal?

A preformed brazing alloy that assures the proper amount and the uniformity of the filler metal is located in the correct position on each application. The proper amount helps to controlling alloy cost and reducing waste often seen in manual applications.

Pre-forms can be used in manual and mechanized brazing procedures.

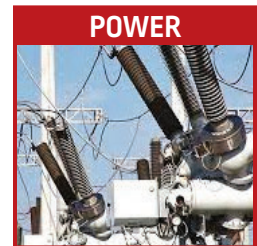


## What industries currently use Strip & Tri-metal?

### Power transmission engines, distribution boards, and copper bus bars.

**Phos-Copper** – Phos-copper is used in standard copper to copper or copper to brass applications.

Available in rods, wires and strips (MDF coil up to 9.00 mm wide and coil for larger ones)



POWER

### Metal and wood cutting saws that have carbide dents.

**Safety-Silv® 49M** – High Silver content strips are preferred in brazing carbides and diamond tools. This alloy has a low brazing temperature, good fluidity, wettability, and high tensile strength.

Available in rods, wires and strips (MDF coil up to 9.00 mm wide and coil for larger ones)



CUTTING

### Mining, Oil and Gas, or in Construction - tipped saw blades and drill bits

**Tri-Metal 49Mn** - Tri-metal features a copper layer between two high-silver layers that reduces the residual cooling tensile. Harris Tri-Metal 49Mn is made to absorb vibration when the tools is working, which reduces the occurrence of cracks in the carbide segments. Available only in strips,



DRILLING

Pricing based on alloy, thickness, width and quantity.

Thickness range from - .10mm - .80mm

Widths range from – 2.5mm – 48mm

Illustration of tri-metal



Orders: 1.800.733.4043

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to speak to someone about your specific applicaton and a cost reduction.