

# Meta-Braze™ 140

## Low Melting Temperature Silver Braze Alloy

Meta-Braze™ 140 is a low melting silver based braze alloy with very good flow characteristics. It is used for joining copper and copper alloys, nickel and nickel alloys, almost any steels Typical applications are in automotive, in the electric industry and in ship maintenance.

<b>Standard</b>	ISO 17672:2016 Ag 140	Reference Standards AWS A5.8 BAg-28      EN 1044 Ag 105										
<b>Melting Range</b>	660°C - 710°C	Brazing Temperature: 710-760°C										
<b>Chemical Composition</b>	<table border="0"> <tr><td>Silver</td><td>40%</td></tr> <tr><td>Copper</td><td>30%</td></tr> <tr><td>Zinc</td><td>28%</td></tr> <tr><td>Tin</td><td>2%</td></tr> <tr><td colspan="2">Impurities as per ISO 17672 Table 1</td></tr> </table>		Silver	40%	Copper	30%	Zinc	28%	Tin	2%	Impurities as per ISO 17672 Table 1	
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<b>Conditions for Use</b>	Recommended Processes: Flame or Induction. Recommended Gap Size: - 0.05 – 0.13mm (0.002 – 0.005”)											
<b>Physical Properties</b>	Density – 9.1g/cm <sup>3</sup> Tensile Strength – 430MPa											
<b>Forms of Supply</b>	Rod – Flux Coated Rod – Foil – Wire – Powder – Paste – Preforms											

