

# Meta-Braze™ 160

## Low Melting Temperature Silver Braze Alloy

Meta-Braze™ 160 is a low melting silver brazing alloy use for ferrous and non-ferrous metals. It is zinc free and so is suitable for vacuum brazing. It has a wide melting range so rapid heating is advised to avoid liquation. Good wetting is ensured on steels due to the tin content, which also acts as a melting point depressant.

<b>Standard</b>	ISO 17672:2016 Ag 160	Reference Standards AWS A5.8 BAg-18      EN 1044 Ag 402							
<b>Melting Range</b>	600°C - 720°C	Brazing Temperature: 720-770°C							
<b>Chemical Composition</b>	<table border="0"> <tr> <td>Silver</td> <td>60%</td> </tr> <tr> <td>Copper</td> <td>30%</td> </tr> <tr> <td>Tin</td> <td>10%</td> </tr> </table> <p>Impurities as per ISO 17672 Table 1</p>			Silver	60%	Copper	30%	Tin	10%
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<b>Conditions for Use</b>	Recommended Processes: Flame or Induction. Recommended Gap Size: - 0.075 – 0.2mm (0.002 – 0.005”)								
<b>Physical Properties</b>	Density – 9.8g/cm <sup>3</sup> Tensile Strength – 460MPa								
<b>Forms of Supply</b>	Rod – Foil – Wire – Powder – Paste – Preforms								

