

## Alloying

### *Alloying:*

Bonding two or more metals together to create improved properties (e.g. Duralumin)

- Heated until both metals are liquid and then mixed together before allowing it to cool
- Large proportion of metal melted first

<i>Advantages</i>	<i>Disadvantages</i>
<ul style="list-style-type: none"><li>• Improved properties</li><li>• Different Alloys have different advantages, refer to '1.2_DT_Metals' for more information</li></ul>	<ul style="list-style-type: none"><li>• Different melting points of metal can cause one metal to boil away</li><li>• Different Alloys have different disadvantages, refer to '1.2_DT_Metals' for more information</li></ul>