



LOW TEMPERATURE CASTING

SUPPORT SHEET NO1

A JEWELLERY SET



1. A card template purchased from any craft shop will provide you with a range of heart shapes from which your students can produce personal sets of jewellery. The pack contains two cards with 8 shapes on each. The positive press out shapes can also be used for templates to produce new moulds.



2. Select the negative heart shapes and place them individually or as a group on to a square of 50mm x 50mm MDF or similar material ensuring that each shape has a suitable sprue hole in line with the edge of the square. (The sprue is effectively a funnel to allow the liquid metal to run into the mould).



3. Using a second piece of MDF of the same size sandwich the card between the two pieces and place in the LT1 mould holder.



4. Moulds can be re-used as can be seen in the picture above. This mould was used 4 times and could still be used again. The pouring of metal was at high heat. More use could be made of a single mould at low heat but care should be taken that the liquid metal does not start to solidify.



5. Each piece can then be filed and polished to produce a professional finish.



6. Extra shine can be achieved by cleaning on a carborundum stone and then polished on a buffing machine taking great care with smaller items.



7. A compendium of heart shaped jewellery comprising of earrings, brooches, a bracelet and necklace. The addition of adhesive stones from Papermania containing a selection of 64 self adhesive stones further enhances the jewellery.