# JEWELLERY STAND

Tools Required to Make this Design:

Scrolling: Mk 1/2 Scroll Former
Punching: Practical Punch/Shear (or Master Punch/Shear or XL5+ Power Bender fitted with 3mm punch block & pin*)
Riveting: Practical RBR
Cutting: Practical Punch/Shear, Master Punch/Shear or XL5+ Power Bender

### 1 Large Scrolls 540mm (x 2)   COMPONENT 1

Cut from the 12mm x 2mm material, trim corners, mark S1 210mm in from each end and mark on opposite faces of bar. Scroll both ends to S1 to create 'S' scroll as shown here. Repeat for second identical 'S' scroll.
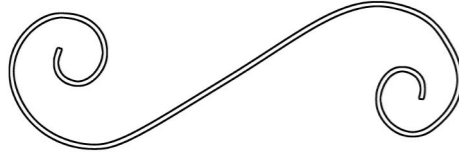
2 Small Scrolls 280mm (x 2)   COMPONENT 2

Cut from the 12mm x 2mm material, trim corners, mark S2 120mm from one end and mark S3 70mm from other end on opposite face to S2. Repeat for second identical 'S' scroll.
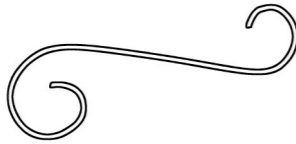
3 Large Jewellery Hanger 396mm (x 1)   COMPONENT 3

Cut to length from 10mm x 1.6mm material and trim corners. Mark in the centre (198mm), from this mark 11mm either side, then at 22mm intervals in each direction. Punch all marked holes but NOT the centre mark. Mark the 6th hole from each end as H1 (note, there should be 6 holes between each H1 hole).
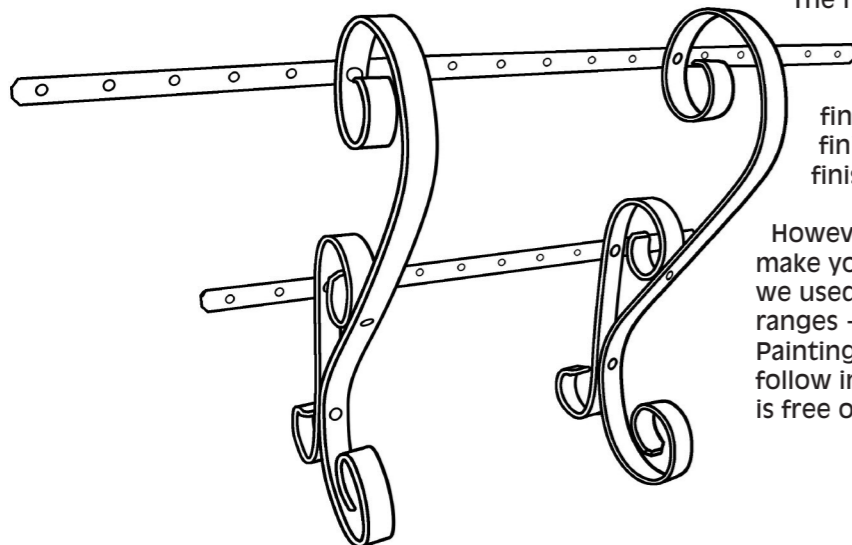
4 Small Jewellery Hanger 264mm (x 1)   COMPONENT 4

Cut to length from 10mm x 1.6mm material and trim corners. Mark in the centre (132mm), from this mark 11mm either side, then at 22mm intervals in each direction. Punch all marked holes but NOT the centre mark. Mark the 3rd hole from each end as H2 (note, there should be 6 holes between each H2 hole).

5 Assembly

Use the Template No 1 on the reverse of the Design Sheet to layout the scrolls correctly. Mark the two rivet points R1 and punch a hole at each. Rivet together with 6mm x 3mm rivets.
Repeat with the other Large and Small 'S' Scrolls making sure each 'S' scroll riveted pair are identical.

6

Stand the two identical scroll parts together and mark the two meeting points on each as shown below and punch the four holes required.

Large Jewellery Hanger mounting point

Small Jewellery Hanger mounting point
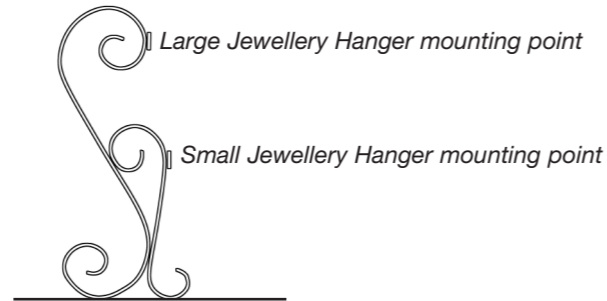
7

Next, rivet the Large Jewellery Hanger to each of the top scrolls at holes H1. In order to do this, rotate each scroll through 90° to be able to rivet a cross joint in the RBR tool and, after riveting, rotate bar back to it's original position (see image next to Template '7A'). Then rivet the Small Jewellery Hangers to each end of the lower 'S' scrolls at holes H2. To rivet last hole cross joint (refer to Template '7B' overleaf).

8

Twist frame back into correct position after riveting the last H2. Check that Jewellery Stand will stand level and square, if not, use gentle manipulation to make any necessary adjustments.

9

After painting (see notes below) use the stick-on bumper feet provided to protect polished surfaces if necessary.

The finished item can now be painted in a wide variety of finishes (smooth, satin, hammer and metallic) either by aerosol or by brush application. Powder coating and plastic dip finishes can also be applied but these type of finishes are more for commercial/industrial scale finishing.

However, even with aerosol or paint finish you can make your finished item look professional. In this case we used paints from the Plasti-kote and Hammerite ranges - available from most DIY and Painting/Decorating outlets. For best results, always follow instructions on the tin and make sure the metal is free of all scale, dirt, grease or rust.
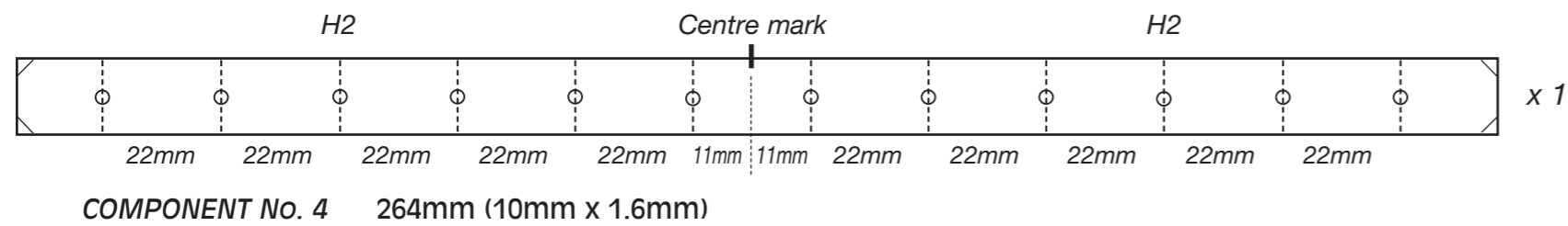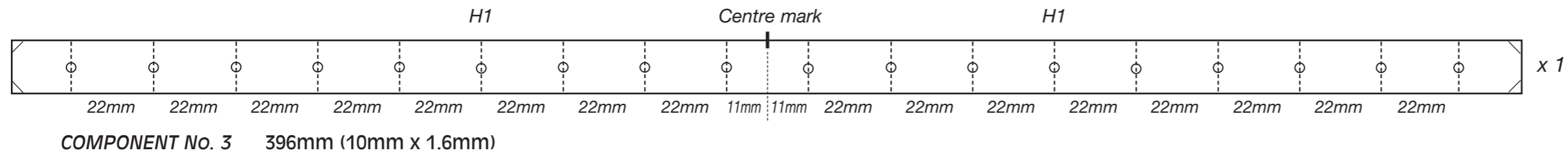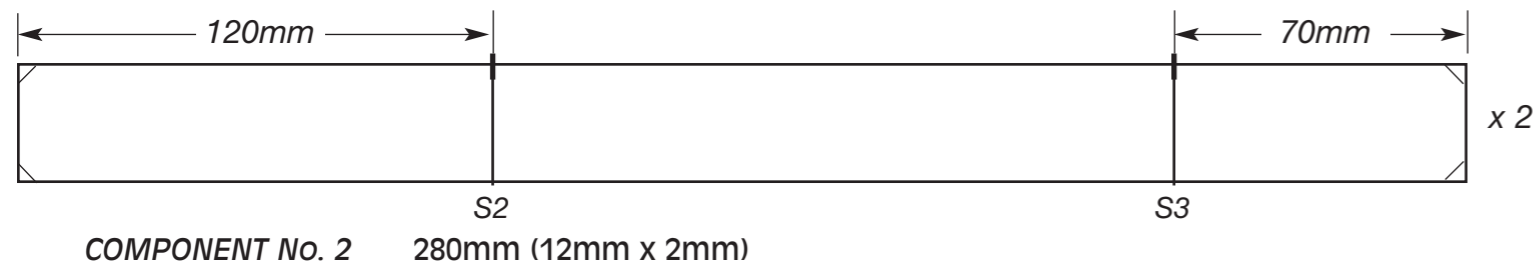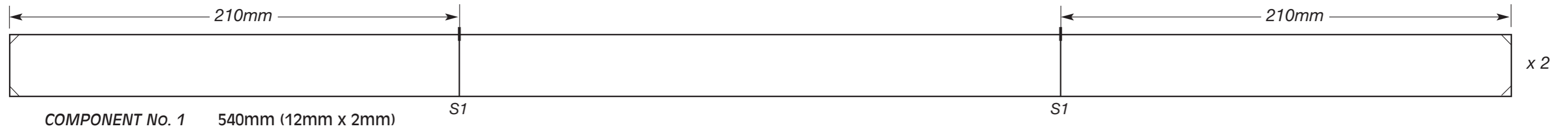
metalcraft ™

Design Pack
JEWELLERY STAND

DIFFICULTY RATING:	
EASY	✔
STRAIGHTFORWARD	
MORE COMPLEX	

Design Pack: J E W E L L E R Y   S T A N D   - DESIGN SHEET

NOT TO SCALE:

210mm   210mm

x 2

S1   S1

COMPONENT No. 1   **540mm (12mm x 2mm)**

120mm   70mm

x 2

S2   S3

COMPONENT No. 2   **280mm (12mm x 2mm)**

H1   Centre mark   H1

x 1

22mm 22mm 22mm 22mm 22mm 22mm 22mm 22mm 11mm 11mm 22mm 22mm 22mm 22mm 22mm 22mm 22mm 22mm

COMPONENT No. 3   **396mm (10mm x 1.6mm)**

H2   Centre mark   H2

x 1

22mm 22mm 22mm 22mm 22mm 11mm 11mm 22mm 22mm 22mm 22mm 22mm
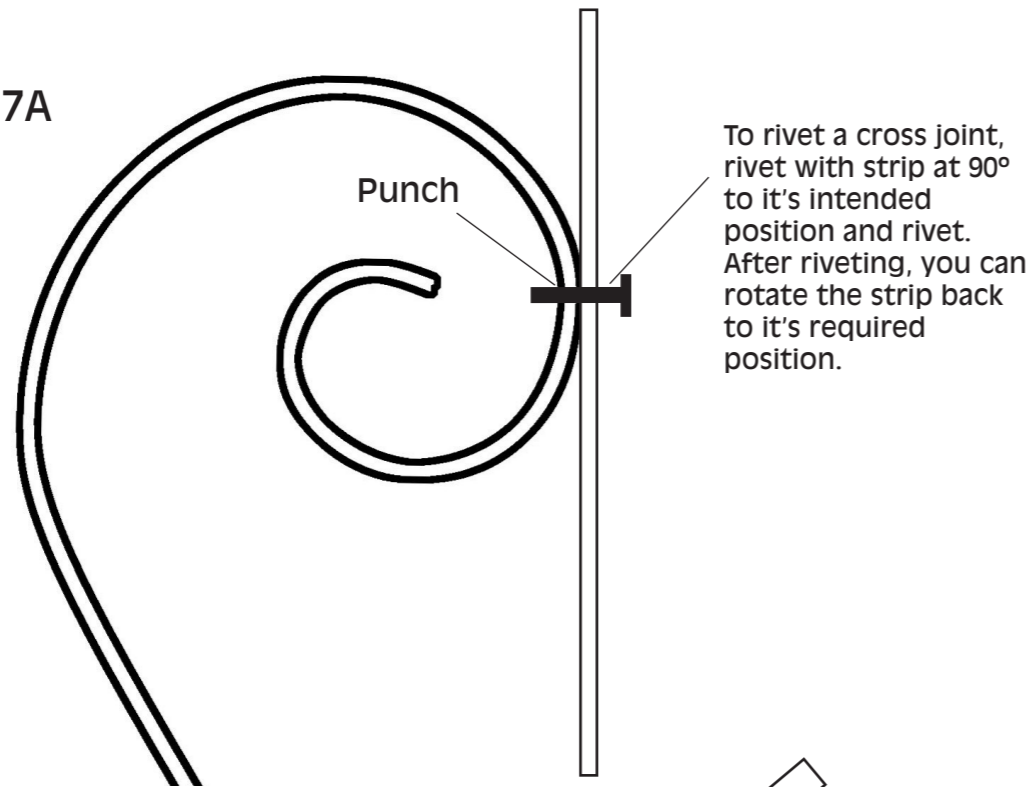
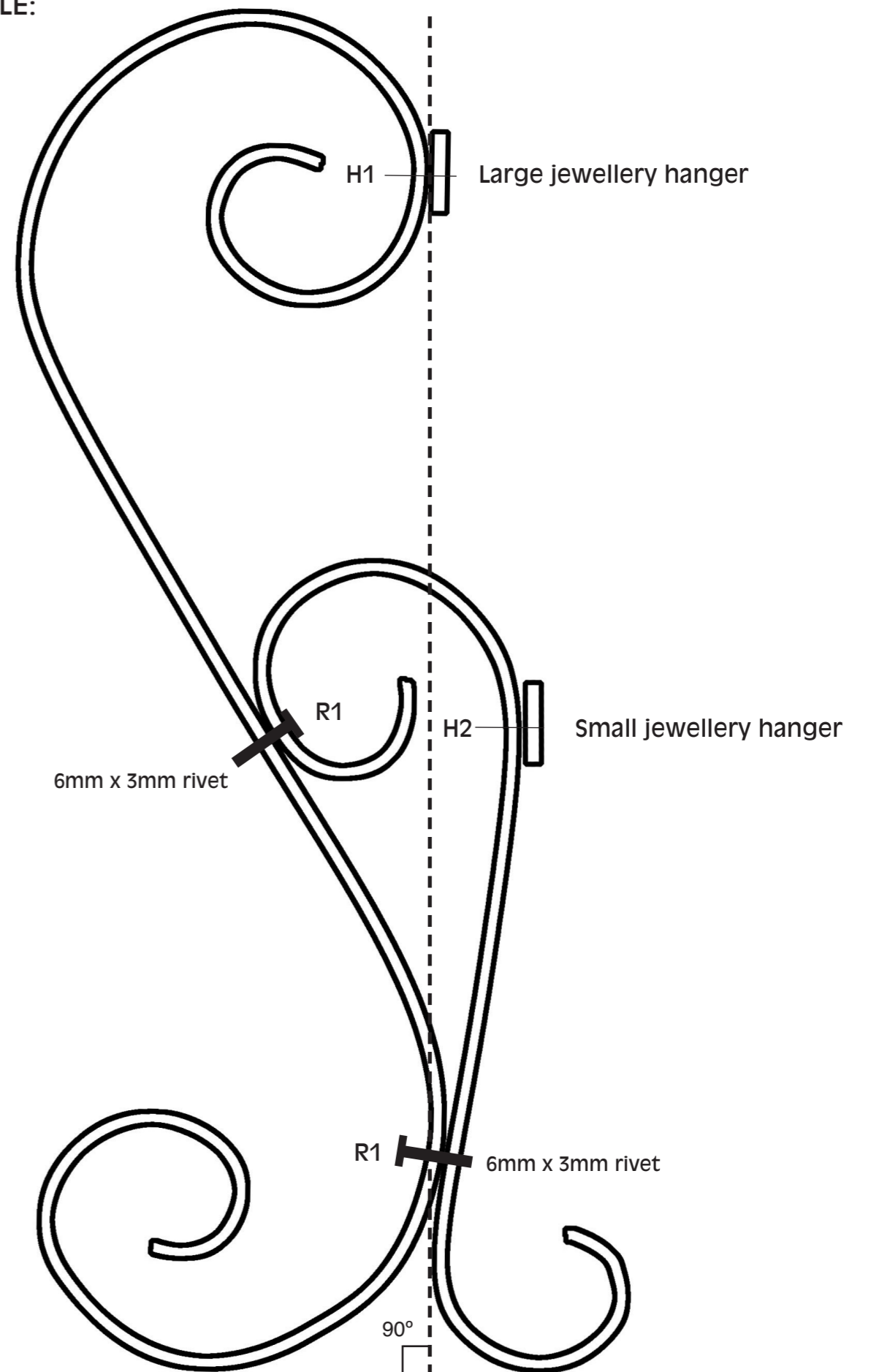*COMPONENT No. 4*   **264mm (10mm x 1.6mm)**

List of Materials Required:

2 x 914mm (3ft) Length of 12mm x 2mm Steel Strip [Re-Order Ref: MC034]

1 x 914mm (3ft) Length of 10mm x 1.6mm Steel Strip [Re-Order Ref: MC031]

4 x 6mm x 3mm Rivets [Re-Order Ref: MC050L]

4 x Small Rubber Bumper Feet [Re-Order Ref: MC1274]

Design Pack: JEWELLERY STAND - DESIGN SHEET

Template 7A

Punch

To rivet a cross joint, rivet with strip at 90º to it's intended position and rivet. After riveting, you can rotate the strip back to it's required position.

APPROX. TO SCALE:

H1 — Large jewellery hanger

R1

H2 — Small jewellery hanger

6mm x 3mm rivet

R1

6mm x 3mm rivet

90º

Template 7B

H1

H1

H2

H2

'S' scroll part

'S' scroll part

Rivets will allow the frame to be twisted, so that the last cross joint will fit into the RBR tool.
After riveting this joint you can straighten the frame up so that the stand is level.