

# PLANT POT HOLDER

## Tools Required to Make this Design:

Scrolling: Mk 2/2H (or Mk 2/3) Scroll Formers  
 Cutting: Practical Punch/Shear (or Master Punch/Shear or XL5+ Power Bender  
 Punching: Practical Punch/Shear (or Master Punch/Shear or XL5+ Power Bender fitted with 3mm punch block & pin - or use 5mm holes but 5mm rivets will be required\*)  
 Riveting: Practical RBR (or Master RBR or XL5+ Power Bender - \*see above)  
 Bending: Practical RBR (or Master RBR or XL5+ Power Bender)  
 Rolling: Practical RBR (or Master RBR or XL5+ Power Bender)  
 Twisting: Practical Twister (or hand twist)

### 1 Large 'S' Scrolls 914mm (x 2)

COMPONENT 1



Take full length of 15mm x 3mm material and trim corners. Next, mark scroll point S1 180mm from one end and scroll point S2 430mm from the other end - on the opposite face of the bar. Form scrolls to create Large 'S' Scroll and repeat with other cut length to create a second identical 'S' scroll.

### 2 'C' Scrolls 457mm (x 2)

COMPONENT 2



Cut two lengths of 457mm and trim corners. Next, mark scroll point S1 180mm from each end and scroll to form two identical 'C' scrolls.

### 3 Centre Strip 570mm (x 1)

COMPONENT 3

Cut length 570mm and trim corners. Next, mark bend point B2 90mm from one end and mark twist point T1 20mm along from B2. At the other end of the bar, mark twist point T1 20mm from the end together with hole position H1 8mm from the end of the bar. Using a Twisting Tool, put a quarter turn twist at both points marked T1. If you don't have a Twister you can grip the steel in a vice and use an adjustable wrench to create a quarter twist.

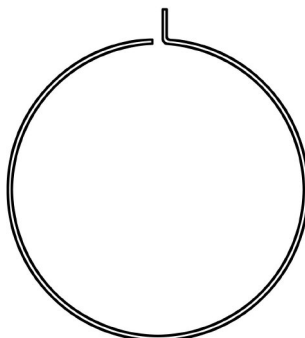


Next, put a 90° bend at point B1 as per Template No. 1 and finally punch hole at point H1.

### 4 Plant Pot Support Ring 480mm

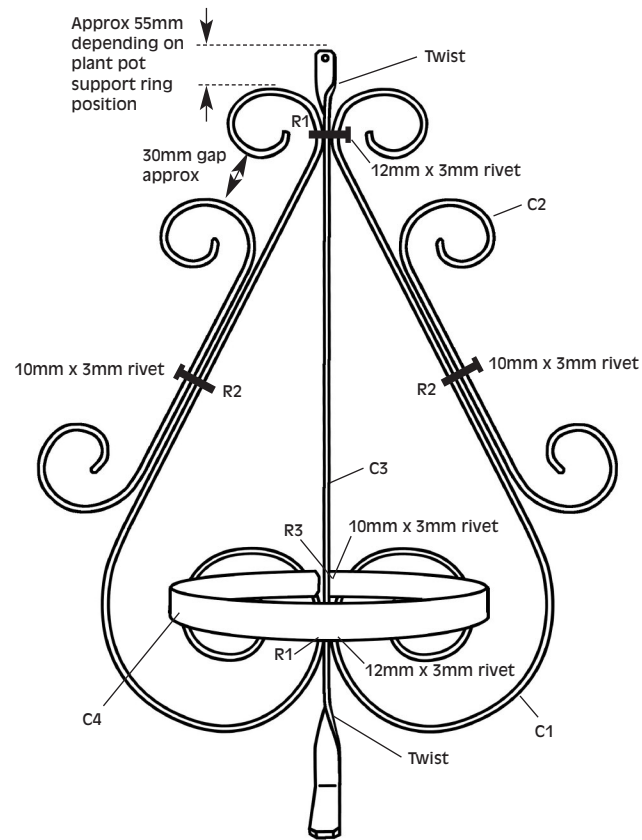
COMPONENT 4

Cut length 480mm (this makes a ring to take a 6" (150mm) pot but this can be changed to accommodate slightly larger or smaller pots. To work out length of steel required, take diameter of desired pot and multiply by 3.14. Trim corners and then mark bend point B1 15mm from one end and hole point H2 7.5mm from the same end. Punch hole H2. Use Template No. 1 to form a right angle bend at B1 and roll a ring with the upturned bend on the outside as shown here.



### 5 Assembly

Start by taking the plant pot you wish to hold and placing it in the ring (Component 4). Then take Component 3 (Centre Strip) and identify where ring needs to be fixed on Component 3 in order that the base of the pot and any saucer will sit on the support strip at the bottom of Component 3. Mark rivet point R3 and rivet the ring in place with a 10mm x 3mm rivet. Next, layout all components as shown below and mark rivet points R2 and R1. Attach the two 'C' Scrolls first and rivet with a 10mm x 3mm rivet and then finish by riveting the points R1 with a 12mm x 3mm rivet. (Note, the hole punched at the top is a hanging hole requiring a long 3mm screw to fix Holder to a wall. Alternatively, if you have an electric power drill you can open this hole to a wider diameter for a bigger screw).



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.

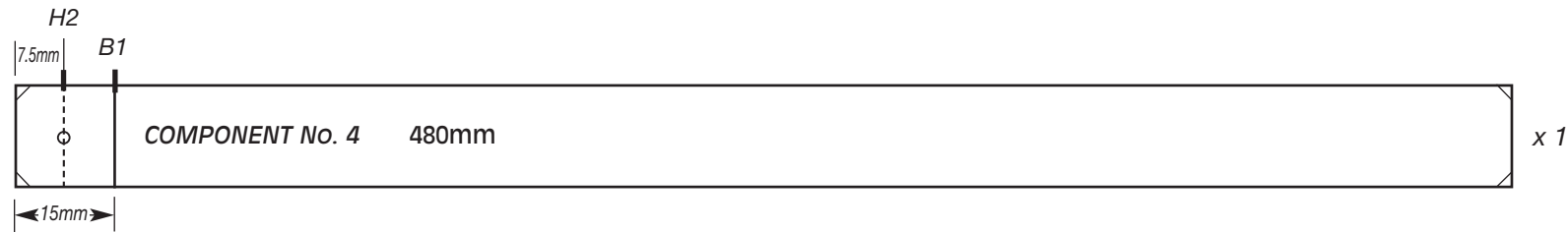
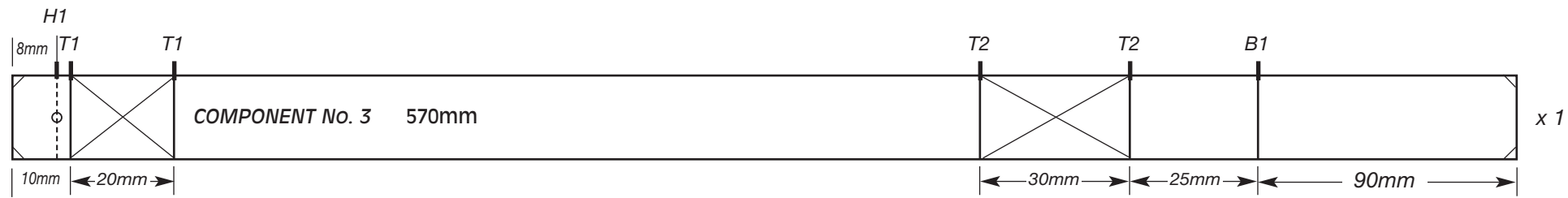
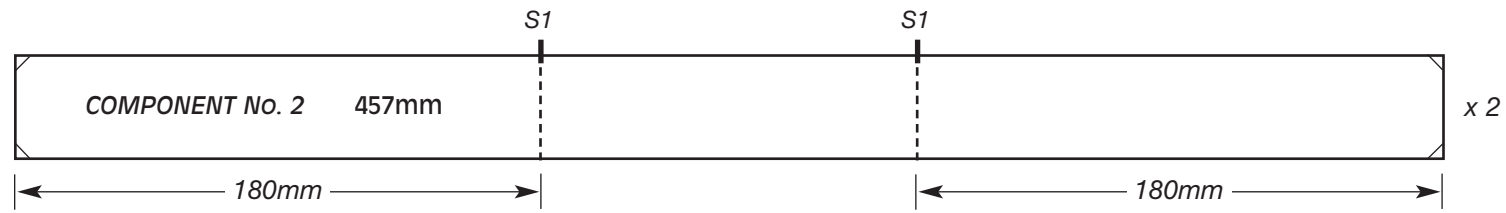
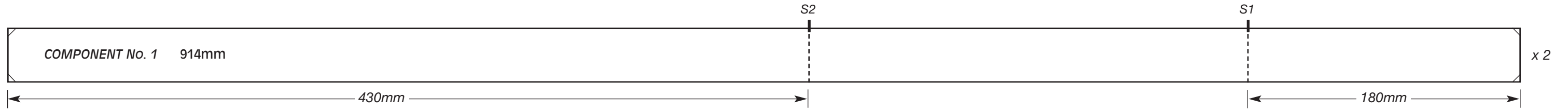


## Design Pack PLANT POT HOLDER

DIFFICULTY RATING:	
EASY	
STRAIGHTFORWARD	✓
MORE COMPLEX	

# Design Pack: PLANT POT HOLDER - DESIGN SHEET

NOT TO SCALE:



## List of Materials Required:

5 x 914mm (3ft) Length of 15mm x 3mm Steel Strip [Re-Order Ref: MC037]

3 x 10mm x 3mm Rivets ( $\frac{3}{8}$ " x  $\frac{1}{8}$ ") [Re-Order Ref: MC052L]

2 x 12mm x 3mm Rivets ( $\frac{1}{2}$ " x  $\frac{1}{8}$ ") [Re-Order Ref: MC0]

TEMPLATE No. 1

