

# PICTURE FRAMES & PLAQUE TEMPLATES

## FOR GUIDING THE ROUTER



**Seven clear plastic oval templates for use with a router to create picture frames and plaques.**

- Clear plastic.
- Seven piece set, comprises of four frames and three plaques.
- Includes templates to rout backs of frames.

### Frame Sizes for pictures

7" x 9" (178mm x 229mm)

5" x 7" (127mm x 178mm)

3½" x 5" (88mm x 127mm)

6<sup>29</sup>/<sub>32</sub>" x 8<sup>29</sup>/<sub>32</sub>" frame back  
(175mm x 226mm)

### Plaque Sizes

3" x 2" (76mm x 51mm)

5" x 3½" (127mm x 89mm)

5<sup>29</sup>/<sub>32</sub>" x 4<sup>3</sup>/<sub>8</sub>" frame back  
(150mm x 111mm)

### Requires:

- Plunge router
- 12.7mm guided template profiler Ref. 46/95 or C121.
- 12.7mm guided rebater Ref. 46/39 or C040.

***trend***<sup>®</sup>  
routing technology

**TEMP/PFP/A**



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## PICTURE FRAMES & PLAQUE TEMPLATES REF TEMP/PPF/A

Thank you for purchasing this Trend product which should give lasting performance if use in accordance with these instructions. Please read instructions carefully before use.

The following symbols are used throughout these instructions.



Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions.



Refer to the instruction manual of your power tool.

This unit must not be put into service until it has been established that the power tool to be connected to this unit is in compliance with 98/37/ec (identified by the CE marking on the power tool).

### INTENDED USE

The templates are intended to be used with a plunge router with suitable router cutters fitted to make picture frames and plaques in man-made boards and natural timbers.

### SAFETY

Please read and understand the safety points at end of this instruction as well as the power tool instructions before use.

### ITEMS REQUIRED

- Double sided sticky tape or pins or screws.
- Plunge router.
- Bearing guided 12.7mm template profiler.
- Bearing guided 12.7mm rebater.
- Bearing guided moulding cutter
- Jigsaw.
- Clamps.
- Sacrificial worktop on bench.
- Hand tools.

## TEMPLATES

### Frames for Picture

Frame to suit 7" x 9" (178mm x 229mm).

Frame to suit 5" x 7" (127mm x 178mm).

Frame to suit 3 1/2" x 5" (89mm x 127mm).

Frame size 6<sup>29</sup>/<sub>32</sub>" x 8<sup>29</sup>/<sub>32</sub>" (175mm x 226mm) to rout backs for 7" x 9" and 5" x 7" picture frames with 12.7mm (1/2") rebate.

### Plaques

Plaque size 5" x 3 1/2" (127mm x 89mm).

Plaque size 3" x 2" (76mm x 51mm).

Plaque size 5<sup>29</sup>/<sub>32</sub>" x 4 3/8" nominal (150mm x 111mm) to rout back for 3 1/2" x 5" picture frame with 12.7mm (1/2") rebate.

### OPERATION

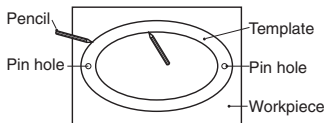


### Making a Picture Frame

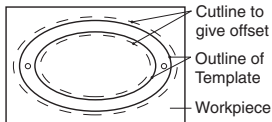


To make a picture frame either MDF or glued blocks of timber can be used. The frame will need to be a minimum of 20mm thick but will be dependent on depth of mould required. If using glued blocks ensure the long grain is used to prevent fracture.

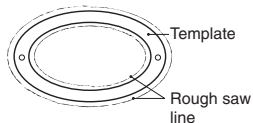
The picture frame can be made using a hand router, and a 12.7mm diameter template profiler, with shank mounted bearing guide. The frames have two holes that allow the frame to be secured to the material using pins. Alternatively double sided sticky tape or hot glue can be used. The template material can also be drilled and countersunk to accept a woodscrew.



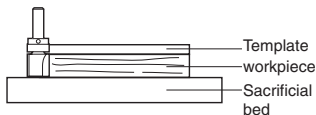
Draw around the template on both the inside and outside edge. This pencil line will give you the frame outline. Allowing for a 3mm offset, rough-cut the outside edge of the pencil line with a jigsaw or band saw. The inside aperture should also be jig sawn with an extra 3mm offset to give a rough frame outline.



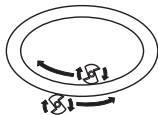
Place the template onto the frame and secure it with pins (or double-sided tape) etc. ensuring the pins are not proud of the top surface.



Clamp the template and component onto a workbench; the template will need to be uppermost. You may need to place a sacrificial bed onto the work-bench as the router cutter will cut into it.



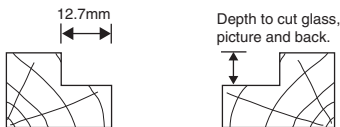
Fit cutter to router and set cutter height so that the shank mounted bearing guided profiler will contact the template. Lock depth and with the router on the outside edge of the template, switch on router and begin to cut in anti-clockwise direction until the frame outside edge is complete.



Repeat operation for inside edge but this time cut in a clockwise direction.

### Rebating Back of Frame

The rebate for the back of the frame can be routed with a bearing guided rebate cutter that can cut a 12.7mm rebate. The inside edge rebate can be cut using a hand router or in a router table. If a router table is used ensure that the cutter is guarded and that a lead on pin is used. The rebate height should allow for the thickness of the glass, picture and back. Ensure that you feed in the clockwise direction when cutting the inside rebate.



Cross section of frame.

### Moulding the Frame

To rout the mould onto the face of the frame the mould can be created using a bearing guided cutter, on both inside and outside edge. This can be achieved using a hand router with anti-tilt support fitted or using a router in a router table.

### Routing the Back

The back can be routed using the correct size template and 12.7mm profiler. The templates for cutting the back will create a back that is about 2mm smaller. This gap allows for ease of assembly. The back can be made from 3mm hardboard. Draw around the template and rough-cut 3mm oversize. Secure the template to the back and with the template uppermost and using a shallow template profiler in the handheld router rout out the back in an anti-clockwise direction. (For the back of the 5" x 7" frame the template will need to be rotated in a clockwise direction as the inside of the template is used). The back can be used as a template for the glass to be cut professionally.

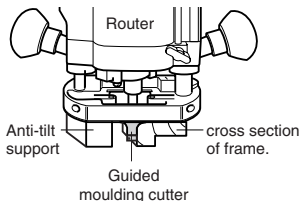
### Finishing

Apply a finish to the frame. After the glass is fitted and picture is placed in the back it can be secured to the frame using pins. Two eyehooks and picture wire can be used to hang picture.

## Making a Plaques/Plinth



Plaques can be routed on both a router table or with a hand router; the procedure is the same as creating the outside of a picture frame. The plaques can be made from MDF, or timber. A template profiler cutter or trimmer will allow an exact size plaque, or a guide bush and straight cutter can be used if a slightly larger plaque is required. It is advisable to use the smallest plaque on a router table so that it can be held more securely in a user made work table device. Once the edge is profiled the plaque be moulded with a guided moulding cutter.



## Finishing

Apply a finish to the plaque. Glue baize or use spot pads on the underside of the plaque.

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## MAINTENANCE

The template has been designed to operate over a long period of time with minimum of maintenance. Continual satisfactory operation depends upon proper tool care and regular cleaning.

### ■ Cleaning

Regularly clean template with a soft cloth. Do not use solvents.

### ■ Lubrication

Templates do not require lubrication.

## RECYCLING

Template, accessories and packaging should be sorted for environmentally friendly recycling.

## GUARANTEE

All Trend products guaranteed against any defects in either workmanship or material, except products that have been damaged due to improper use or maintenance.

## Safety Points

1. Always wear eye protection such as goggles, ear protection and use effective respiratory protection.
2. Before making adjustments to the router, like changing the cutter, make sure the power is isolated correctly.
3. Before re-connecting to the mains supply, make sure the power switch on the router is in the 'off' position.
4. Do not switch on the router with the cutter in contact with the workpiece.
5. Before making adjustments always allow the cutter to stop rotating.
6. When routing keep your hands, hair and clothing clear of the cutter.
7. Make sure you follow the instructions which came with your router.
8. Ensure all visors, guards and dust extraction are fitted.
9. Trial cuts should be made in waste material before starting any project.