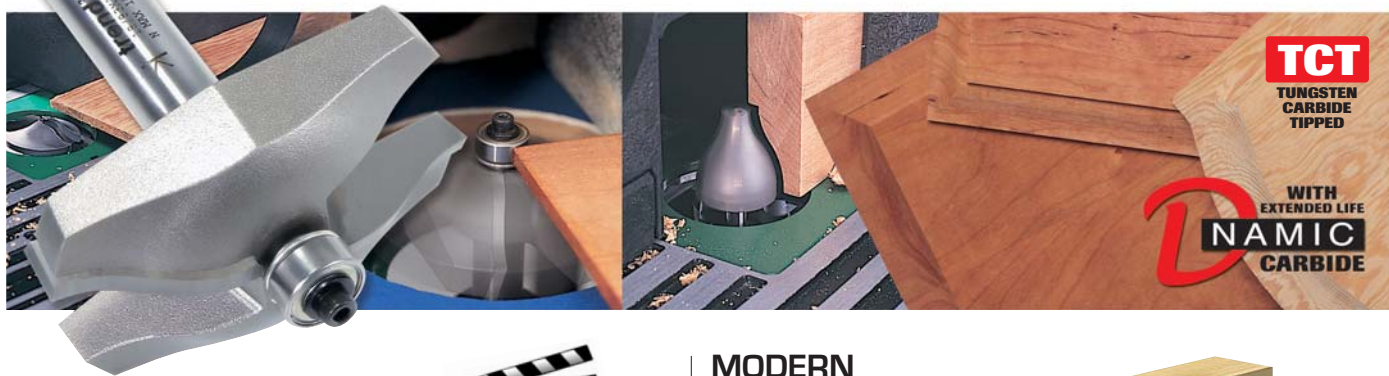


RAISED PANEL MOULDING



- Traditional panels and frame doors, formerly machined on spindle moulders, can now be produced using heavy duty routers mounted in fixed positions, either overhead or inverted.
- These raised panel cutters run best at lower speeds and match our range of profile scribers.
- All are suitable for use on natural timber and MDF.

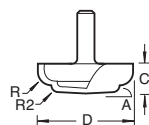
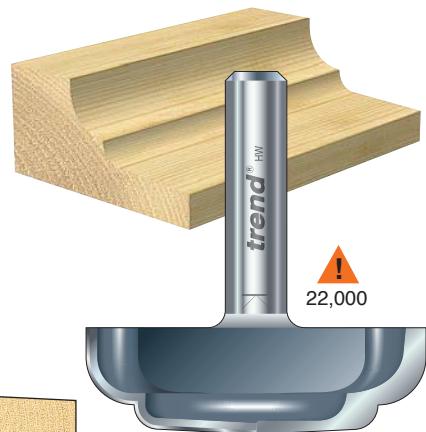
- ⚠ 8mm shank tools are for use with medium and heavy duty routers only.
- ⚠ Router table or overhead router use only.



Using Profile Scriber & Panel Cutters

MODERN RADIUSED PANEL - 8MM SHANK

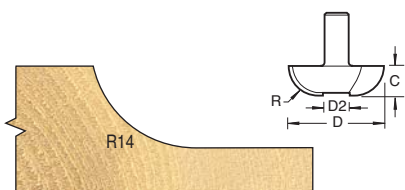
Suitable panel mould for use with Ref. PSC/1. For medium and heavy duty routers only.



A Deg.	R mm	R2 mm	D mm	C mm	Product Ref.	Shank Dia. 8mm
3°	6.3	3.2	45.0	13.5	18/26	£77.64

RADIUSED RAISED PANEL MOULDER

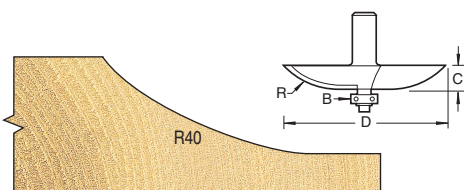
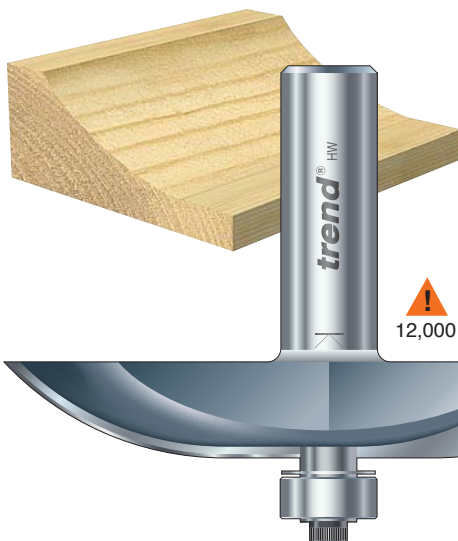
Suitable panel mould for use with Refs. PSC/2 & PSC/20.



R mm	D mm	D2 mm	C mm	Product Ref.	Shank Dia. 1/2"
14.0	50.0	22.0	14.0	18/21	£88.89

BEARING GUIDED LARGE RADIUSED PANEL RAISER

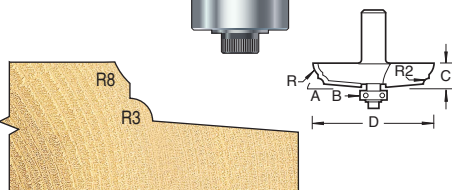
Suitable panel mould for use with Ref. PSC/40. Available as a set Ref. PDS/4.



R mm	D mm	C mm	B mm	Product Ref.	Shank Dia. 1/2"
40.0	86.0	12.7	12.7	18/81	£109.75

BEARING GUIDED CLASSIC PANEL RAISER

Suitable panel mould for use with Ref. PSC/3. Available as a set Ref. PDS/3.

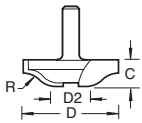
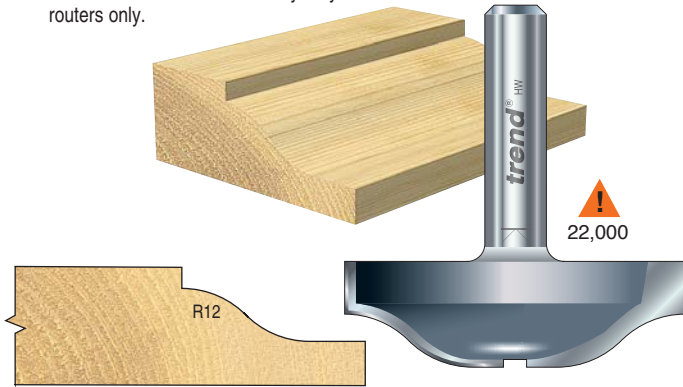


A Deg.	R mm	R2 mm	D mm	C mm	B mm	Product Ref.	Shank Dia. 1/2"
5°	8.0	3.0	63.5	12.7	12.7	18/82	£111.39

OGEE PANEL RAISER - 8MM SHANK

Suitable panel mould for use with Ref. PSC/10 and PSC/20X8MM.

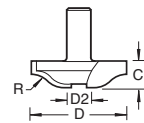
⚠ For use with medium and heavy duty routers only.



R mm	D mm	D2 mm	C mm	Product Ref.	Shank Dia.
12.0	45.0	14.0	14.0	18/24	8mm £77.64

OGEE PANEL RAISER - 1/2" SHANK

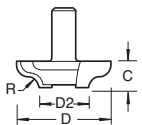
Suitable panel mould for use with Refs. PSC/1, PSC/10, PSC/2 and PSC/20.



R mm	D mm	D2 mm	C mm	Product Ref.	Shank Dia.
12.0	50.0	16.0	14.0	18/24	1/2" £88.89

OGEE PANEL RAISER

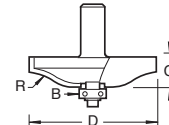
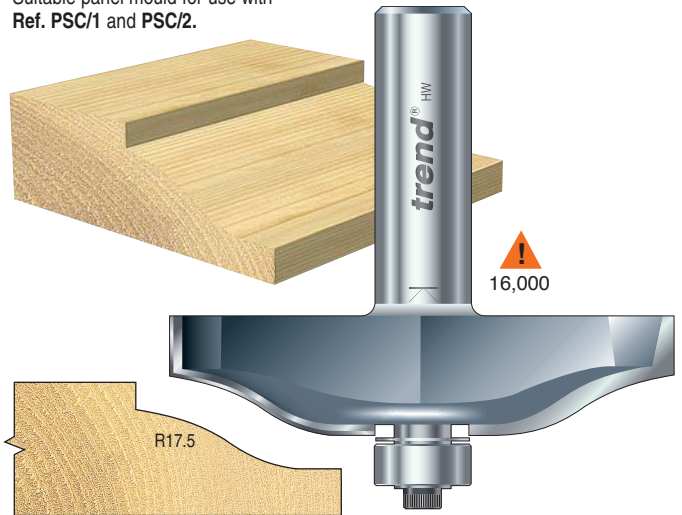
Suitable panel mould for use with Ref. PSC/2.



R mm	D mm	D2 mm	C mm	Product Ref.	Shank Dia.
6.0	50.0	26.0	14.0	18/23	1/2" £88.89

BEARING GUIDED Ogee PANEL RAISER

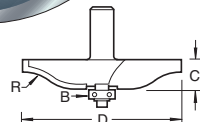
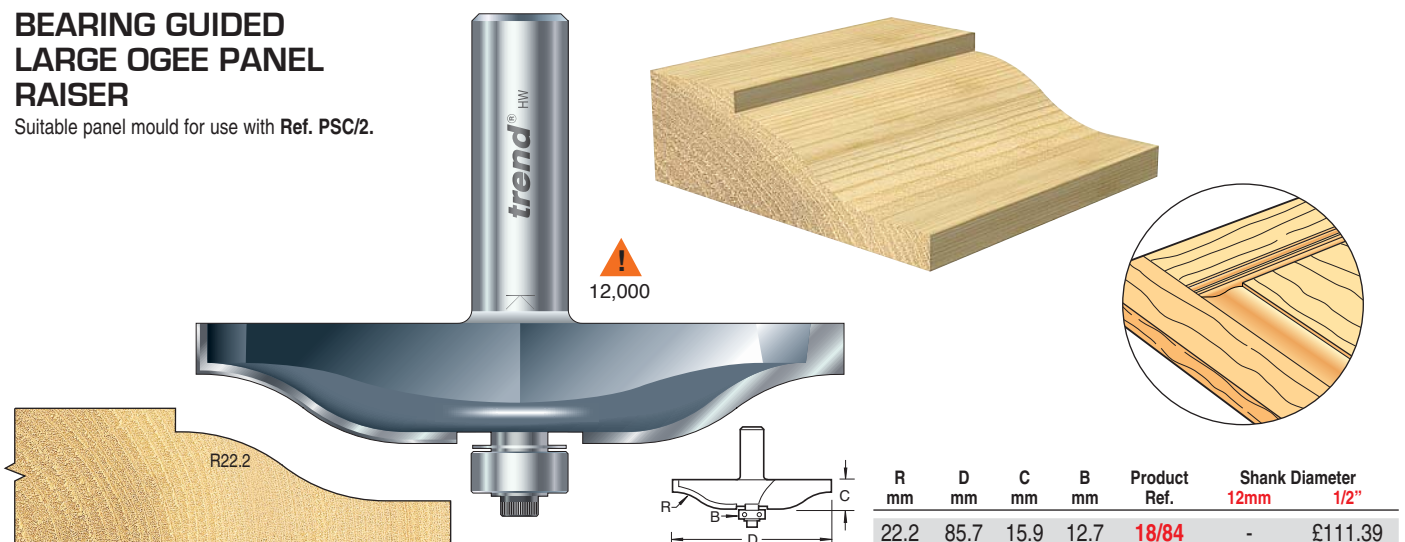
Suitable panel mould for use with Ref. PSC/1 and PSC/2.



R mm	D mm	C mm	B mm	Product Ref.	Shank Dia.
17.5	67.0	16.0	12.7	18/83	1/2" £100.14

BEARING GUIDED LARGE Ogee PANEL RAISER

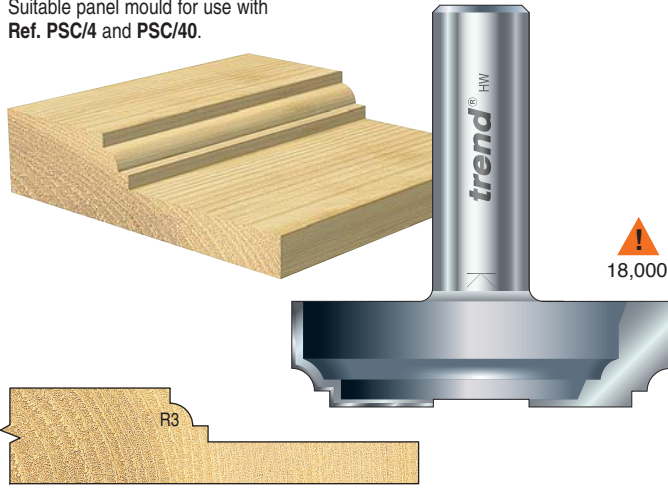
Suitable panel mould for use with Ref. PSC/2.



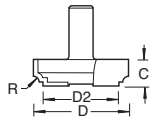
R mm	D mm	C mm	B mm	Product Ref.	Shank Diameter
22.2	85.7	15.9	12.7	18/84	12mm 1/2" £111.39

OVOLO PANEL RAISER

Suitable panel mould for use with Ref. PSC/4 and PSC/40.



18,000



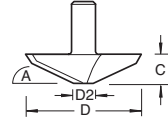
R mm	D mm	D2 mm	C mm	Product Ref.	Shank Dia. 1/2"
3.0	50.0	40.0	14.0	18/22	£100.14

BEVEL PANEL RAISER

Angled panel raiser. Suitable panel mould for use with Ref. PSC/5.



12,000



A Deg.	D mm	D2 mm	C mm	Product Ref.	Shank Dia. 1/2"
25°	67.7	6.0	19.0	18/19	£106.19

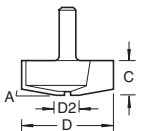
BEVEL PANEL RAISER - 8MM SHANK

Suitable panel mould for use with Ref. PSC/5X8MMTC.

⚠ For use with medium and heavy duty routers only.



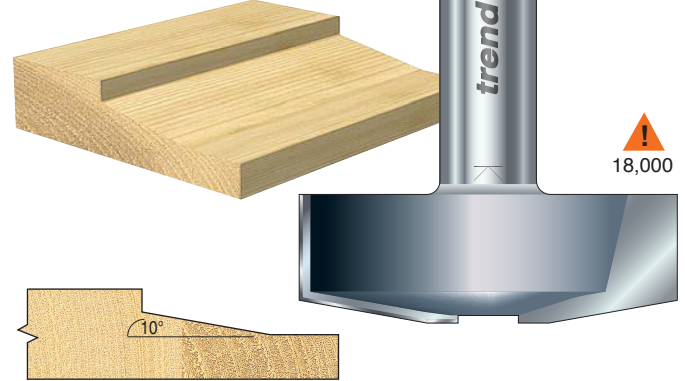
22,000



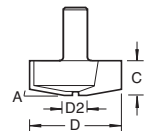
A Deg.	D mm	D2 mm	C mm	Product Ref.	Shank Dia. 8mm
10°	45.0	11.0	17.0	18/20	£77.64

BEVEL PANEL RAISER 1/2 SHANK

Suitable panel mould for use with Ref. PSC/5 and PSC/50.



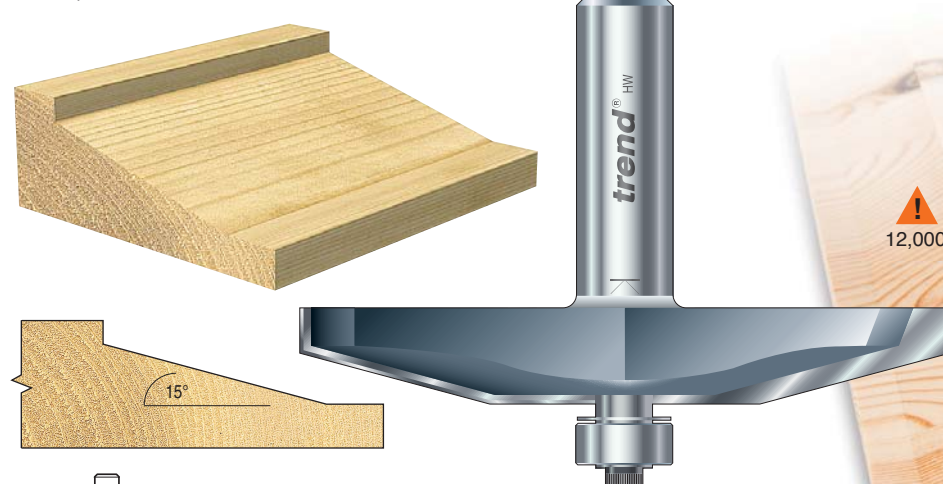
18,000



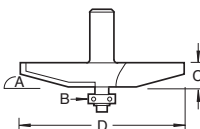
A Deg.	D mm	D2 mm	C mm	Product Ref.	Shank Dia. 1/2"
10°	50.0	16.0	17.0	18/20	£88.89

BEARING GUIDED BEVEL PANEL RAISER

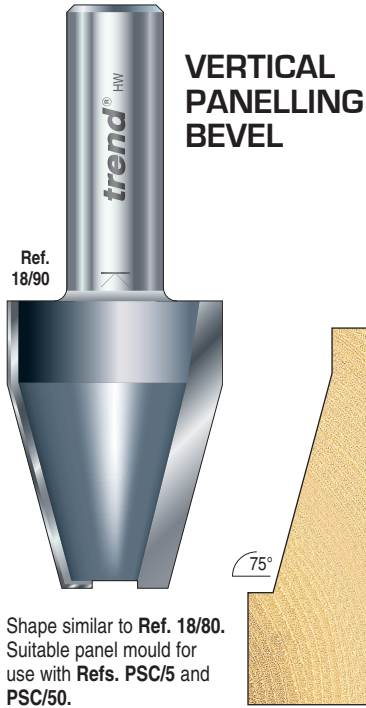
Suitable panel mould for use with Ref. PSC/5.



12,000



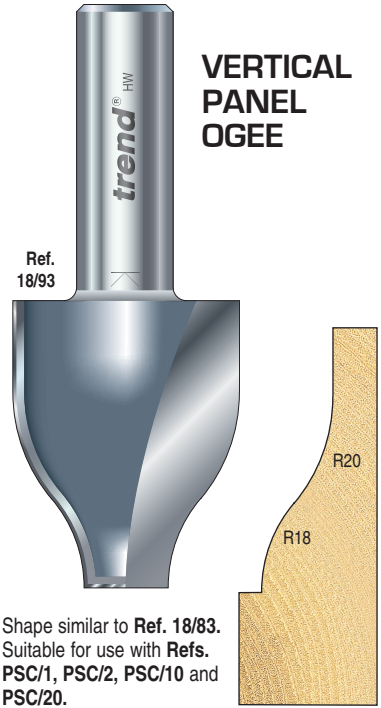
A Deg.	D mm	C mm	B mm	Product Ref.	Shank Dia. 1/2"
15°	86.0	12.7	12.7	18/80	£111.39



Shape similar to Ref. 18/80. Suitable panel mould for use with Refs. PSC/5 and PSC/50.



Shape similar to Ref. 18/82. Suitable panel mould for use with Refs. PSC/3 and PSC/30.

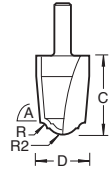
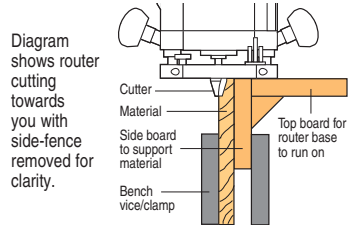


Shape similar to Ref. 18/83. Suitable for use with Refs. PSC/1, PSC/2, PSC/10 and PSC/20.

Why use Vertical Panel Mould Cutters?

- If there is no variable speed facility on router.
- Cost of cutter is important.
- Shaped work is not required.

When used in a portable machine the panel will need to be clamped vertically with an extra support base for the router. The router will require a side-fence fitted.



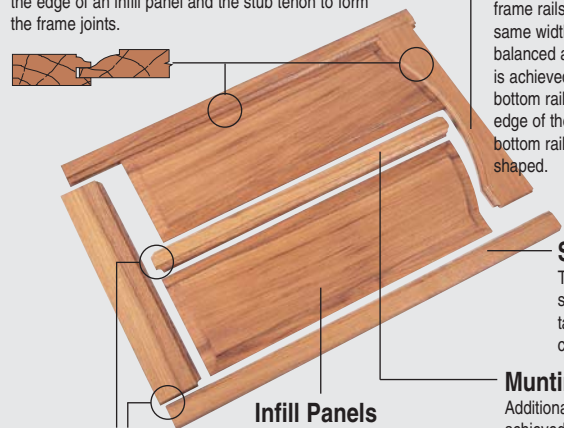
A Deg.	R mm	R2 mm	D mm	C mm	Product Ref.	Shank Dia. 1/2"
75°	-	-	28.5	38.0	18/90	£83.92
85°	3.0	8.0	25.4	38.0	18/92	£83.92
-	20.0	18.0	30.0	38.0	18/93	£83.92

ROUTING TIPS & ADVICE... FRAME & PANEL DOOR CONSTRUCTION

Panelled door frames are made up of two vertical stiles and two horizontal rails. The inside edge of the stiles and rails are grooved to take the panel edge and the rail end tenon.

Moulded Edges

The inside edges of the stiles and rails are grooved and moulded, the groove being both deep enough to accept the edge of an infill panel and the stub tenon to form the frame joints.



Top and Bottom Rails

Simple doors have frame rails and stiles the same width, but a more balanced appearance is achieved with a wider bottom rail. The inside edge of the top and/or bottom rail can also be shaped.

Stiles

These must be strong enough to take the hinges, catch and handle.

Muntin

Additional strength is achieved with the subdivision of horizontal and vertical rails. Wide doors normally have at least one central vertical member (muntin).

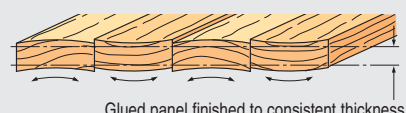
Infill Panels

The panels can be made from solid timber, veneered plywood or composite board. They can be cut as flat panels or with a traditional raised central area (raised and fielded panels). The mould on the panel can vary from a plain bevel to a more elaborate decorative profile.

Profile Scribed Joint

The end of the rails are cut to form the joint tenon and scribed to match the decorative rail/stile edge moulding.

When joining sections to produce solid wood panels, alternate the growth ring direction of adjacent boards to prevent cupping.

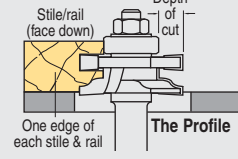
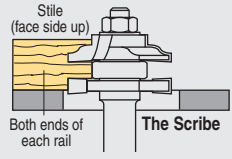


Assembly

Combination sets consist of an arbor, cutter block, groover and bearing, supplied assembled in the scribing mode. The order of these parts will need to be rearranged to convert the tool into the profiling mode. The cutter block and groover should always be assembled at 90° to each other to reduce the cutting impact of the tool. Full assembly instructions are provided with each set.

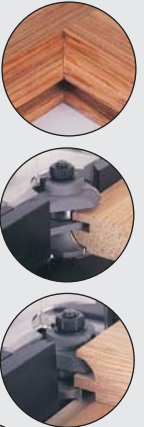
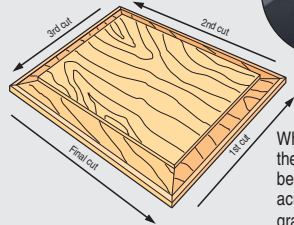
Cutting the Scribe

The timber of the rails or muntin should be cut square to length and mounted face up in a work-holder or mitre fence to ensure a safe and accurate cut. The back fence should be set level with the bearing guide to automatically give the correct depth of cut. A splch block, fitted to the work-holder of the mitre fence will prevent break-out of the timber. Adjust the height of the set according to the thickness of the timber.



Cutting the Profile

Switch off the power to the router at the source. Leaving the tool set in the machine, re-assemble the components of the set into the profiling mode. With the sections to be machined face down, machine all profile edges.



ONLINE KNOWLEDGE

For more routing tips & techniques visit the knowledge section on our website.



www.trend-uk.com