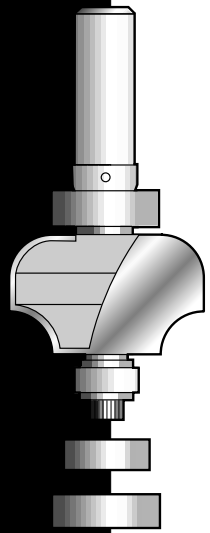
Octacut®
25/7

INSTRUCTIONS

Please read carefully before use



trend®
routing technology

INST/25X1/2 v4.0

OCTACUT® EIGHT IN ONE CUTTER SET REF. 25/7

Thank you for purchasing this Trend router cutter.

In this box you will find one OCTACUT® cutter assembly and two alternative ball bearings.

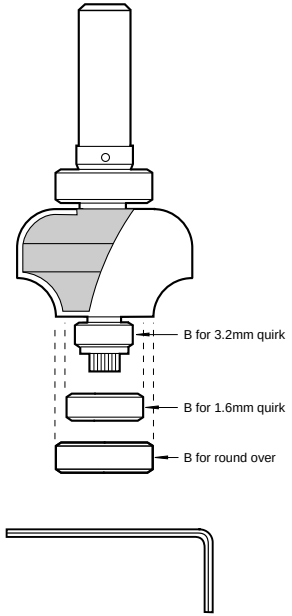
OCTACUT® sets can be used in a portable router, or in a fixed position either mounted in an overhead or table routing machine, or in a portable router mounted in a fixed mode.

The cutter sets have been designed to cut eight different profiles - four variations of Ovolo, two variations of Rounding Over, a Cove mould and a Rule Joint. Three sizes of radius are offered, 1/4", 3/8" and 1/2". The shank mounted bearing is used to accurately guide the set for cove mouldings. The three end mounted bearings are inter-changed to vary the lower quirk on the ovolo moulds. The cutting height depends on the height adjustment on the routing machine.

Always unplug the router from the power supply before making any adjustments and ensure that the cutter is guarded so that the operators fingers cannot contact the cutter, especially when in the fixed mode.

When using the cutters in hard timbers, shallow passes must be taken. This can be achieved by using a side fence or back fence. The final cut using the ball bearing as a guide.

OCTACUT® Set (as supplied)



The set is supplied with the smallest ball bearing fitted to the end of the cutter to achieve a 3.2mm quirk or step. When changing the bearing follow the sequence of the diagrams shown overleaf. Ensure that the correct shield is fitted and that the raised portion of the shield always faces the bearing.

For **25/7X1/2TC**		
Quirk size	**Diameter of bearing**	**Bearing Ref.**
3.2mm (1/8")	12.7mm (1/2")	**B127A**
1.6mm (1/16")	16mm (5/8")	**B16A**
No quirk	19mm (3/4")	**B19A**

Parts supplied in the set
(see diagrams overleaf)

1. Cutting Tool (x1)
2. Collar for 1/2" Shank Tools (x1)
3. Shank Mounted Bearing - 19mm Dia. (x1)
4. End Mounted Bearing Shield for 12.7mm Dia. Bearing (x1)
5. End Mounted Bearing - 12.7mm Dia. (x1)
6. End Mounted Bearing - 16mm Dia. (x1)
7. End Mounted Bearing - 19mm Dia. (x1)
8. Washer (x1)
9. Screw (x1)

Spare Parts	**Order Ref.**
12.7mm (1/2") Bearing on End	**B127A**
16mm (5/8") Bearing on End	**B16A**
19mm (3/4") Bearing on End	**B19A**
19mm (3/4") Bearing on Shank	**B19C**
Hex Key 3/32" A/F Washer Screw	**SP-C**
Collar for 1/2" Shank	**COLL/12**

Please note:
Before use of cutter please ensure it is correctly assembled and locking screw is fully tightened.

Trend Machinery & Cutting Tools Ltd
Unit 6 Odhams Trading Estate
Watford WD2 5TR
Technical Support: 01923 224681
Fax: 01923 236879
Email: mailserver@trendm.co.uk
WWW: www.trendm.co.uk

RS 28982
Stockholding
& Supply

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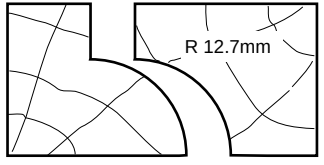
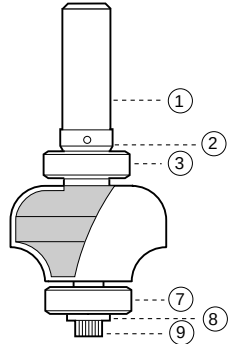
Rule Joint

Cutting the concave profile - cove
Using the cove part of the cutter and using the shank mounted ball bearing as a guide, set the final cutter height to leave a suitable shoulder along the top edge, and by taking several shallow passes, mould the table flap edge.

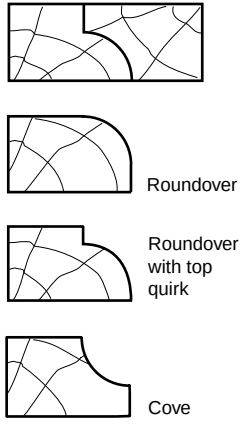
Cutting the convex profile - ovolo
Fit the largest ball bearing on the end of the cutter. Clamp a batten or template to the underside of the table top to guide the ball bearing. Set the cutter height to match the previously cut cove profile, and after taking several shallow passes rout the edge of the table top.

25/7X1/2TC
Suitable for 15mm
to 20mm material





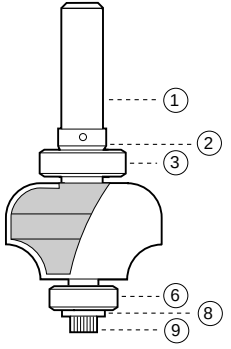
Rule joint



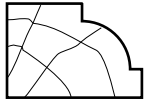
Roundover

Roundover
with top
quirk

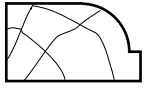
Cove

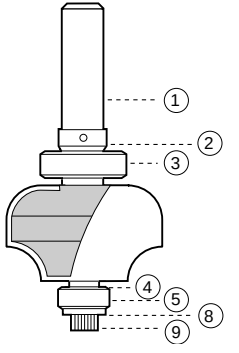


Ovolo with
1.6mm quirk

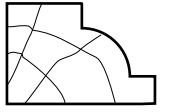


Ovolo with bottom
1.6mm quirk

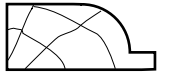




Ovolo with
3.2mm quirk



Ovolo with bottom
3.2mm quirk



Safety Steps

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.

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

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