



Guided Large Rebater 46/390



INST/46/390 v8.0

trend

routing technology

Please read carefully before use

BEARING GUIDED REBATER REF. 46/390

Thank you for purchasing this Trend router cutter, which should give lasting performance if used in accordance with these instructions.

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 cutter 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 2006/42/EC (identified by the CE marking on the power tool).

INTENDED USE

This cutter set is intended to be used in a portable or fixed head routing machine to produce a rebate in wood and wood based material.

The cutter enables fast and easy rebating by the use of the ball bearing guides. The depth of the rebate with the two standard 12.7mm (1/2") diameter ball bearings is 19.1mm (3/4"). The supplied bearing ring will give a 15.9mm (5/8") rebate.

SAFETY

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

PLEASE KEEP THESE INSTRUCTIONS IN A SAFE PLACE.

The attention of UK users is drawn to The Provision and Use of Work Equipment Regulations 1998, and any subsequent amendments.

Users should also read the HSE/HSC Safe Use of Woodworking Machinery Approved Code of Practice and Guidance Document and any amendments.

Users must be competent in using woodworking equipment before using our products.

Attention should be made to the HSE's Safe Use of Vertical Spindle Moulding machines Information Sheet No. 18 and any revisions.

Please keep children away from tools and work area.

All power tools will have a residual risk, so must therefore be operated with caution.

ITEMS REQUIRED

- Router with suitable collet fitted.
- Hand tools.

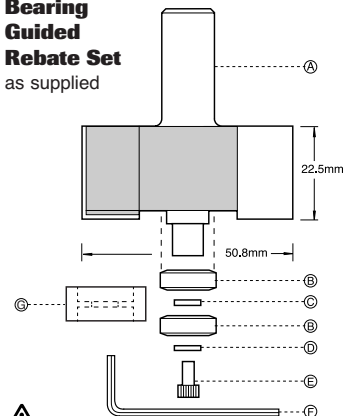


Before using cutter, please ensure it is correctly assembled and locking screw/nut is fully tightened to correct torque setting.

ITEMS ENCLOSED & DESCRIPTION OF PARTS

- A. Rebater body **x1**
- B. Ball bearing 12.7mm (1/2") dia. **x2**
- C. Bearing step washer 2.2mm thick x 6.35mm (1/4") bore **x1**
- D. Washer 3.5mm bore **x1**
- E. Screw **x1**
- F. Hex key 3/32" A/F **x1**
- G. Bearing ring 19.1mm dia **x1**
- H. Instructions **x1**

Bearing Guided Rebate Set as supplied



Consider working environment before using tools.

Ensure working position is comfortable and component is clamped securely.

OPERATION



Carefully remove the protective wax from the cutter and dispose of carefully.

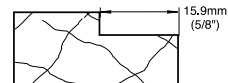
Insert the cutter shank into the collet at least all the way to the marked line indicated on the shank. This ensures at least 3/4 of the shank length is held in the collet.

The standard diameter bearings will give a 19.1mm wide rebate; The 19.1mm bearing ring will give a 15.9mm wide rebate. The bearing ring is fitted by trapping between the two bearings. The step washer must be used.

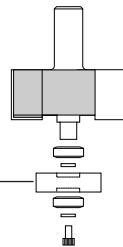
Standard bearing Ref. B127



Standard bearing ring Ref. BR/191



Fitting Bearing Rings to Rebater



Bearing Ring size depending on rebate required



Recommended speed is 18,000 rpm. PTO

ENVIRONMENTAL PROTECTION

Recycle raw materials instead of disposing as waste.

Packaging should be sorted for environmental-friendly recycling. The product and its accessories at the end of its life should be sorted for environmental-friendly recycling.

GUARANTEE

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

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RECYCLABLE



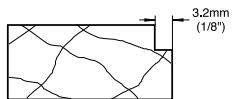
ACCESSORIES

Please use only Trend original accessories. By purchasing the bearing ring accessories a variety of other sizes of rebate are possible. The bearing rings are made from aluminium and are designed to be held onto the rebater by trapping it between the two ball bearings supplied with the cutter. A small bearing step washer is fitted between the two bearings and this must be used to allow the bearings to rotate.

Bearing Ring Sizes

Rebate Depth		Diameter of Ring		Order Ref.
mm	ins	mm	ins	
3.2	1/8	44.4	1 3/4	BR/444
4.75	3/16	41.3	1 5/8	BR/413
6.35	1/4	38.1	1 1/2	BR/381
9.5	3/8	31.7	1 1/4	BR/317
12.7	1/2	25.4	1	BR/254
14.3	9/16	22.2	7/8	BR/222
15.1	19/32	20.6	13/16	BR/206
15.9	5/8	19.1	3/4	BR/191
17.45	11/16	15.9	5/8	BR/159
18.25	23/32	14.3	9/16	BR/143

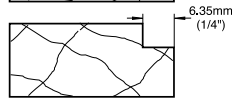
Ref. BR/444



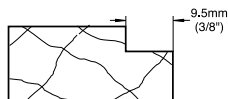
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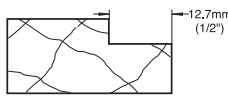
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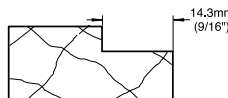
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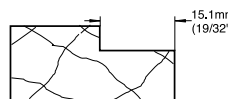
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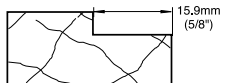
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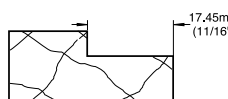
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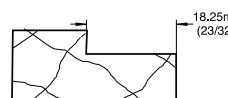
Ref. BR/191
 (supplied)



Ref. BR/159



Ref. BR/143



SPARE PARTS

Please use only Trend original spare parts.

Item	Qty	Description	Ref. (1 off)
B	2	Bearing 12.7mm (1/2") Dia.	B127
F	1	Hex Key 3/32 A/F	SP/Q
D	1	Washer 3.5mm Bore	
E	1	Screw NC5x1/2"	
C	1	Bearing Step Washer 2.2mm Thick x 6.35mm (1/4") Bore	
G	1	Bearing Ring 19.1mm Dia.	BR/191
H	1	Instructions	INST/46/390

MAINTENANCE

Continual satisfactory operation depends upon proper tool care and regular cleaning.

Cleaning

- Ensure clamping surfaces are cleaned to remove dirt, grease, oil and water.
- Remove resin build-up regularly
- Apply a rust protector to shanks. Do not use rust protector on ball bearing guides.

Lubrication

- Use a PTFE dry lubricant spray on tool.

Storage

- Return cutter to its packaging after use.

Safety Points

1. Disconnect power tool and attachment from power supply when not in use, before servicing, when making adjustments and when changing accessories such as cutters. Ensure switch is in "off" position and cutter has stopped rotating.
 2. Read and understand instructions supplied with power tool, attachment and cutter.
 3. Current Personal Protective Equipment (PPE) for eye, ear and respiratory protection must be worn. Keep hands, hair and clothes clear of the cutter.
 4. Before each use check cutter is sharp and free from damage. Do not use if cutter is dull, broken or cracked or if any damage is noticeable or suspected.
 5. The maximum speed (nmax) marked on tool or in instructions or on packaging shall not be exceeded. Where stated, the speed range should be adhered to.
 6. Insert the shank into the router collet at least all the way to the marked line indicated on the shank. This ensures at least 3/4 of shank length is held in collet. Ensure clamping surfaces are clean.
 7. Check all fixing and fastening nuts, bolts and screws on power tool, attachment and cutting tools are correctly assembled, tight and to correct torque setting before use.
 8. Ensure all visors, guards and dust extraction is fitted.
 9. The direction of routing must always be opposite to the cutter's direction of rotation.
 10. Do not switch power tool on with the cutter touching the workpiece.
 11. Trial cuts should be made in waste material before starting any project.
 12. Repair of tools is only allowed according to tool manufacturers instructions.
 13. Do not take deep cuts in one pass, take shallow passes to reduce the side load applied to the cutter.
- Please see www.trend-uk.com/safety for more safety advice.



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