



Intumescent Strip Cutter

346



INST/346 v10.0

trend[®]
tool technology

Please
read carefully
before use

INTUMESCENT STRIP RECESSING CUTTER REF. 346

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) or UK Statutory Instruments 2008 No. 1597 – The Supply of Machinery (Safety) Regulation (identified by UKCA marking on the power tool).

INTENDED USE

This cutter is intended to be used in a router to produce the correct width and depth of cut for standard 10mm x 4mm intumescent strip in a fire door or frame.

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.

Ensure working position is comfortable and component is clamped securely. Please keep children and visitors away from tools and work area. All tools have a residual risk, so must therefore be handled with caution.

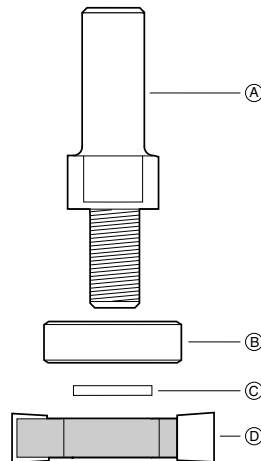
Attention should be made to the HSE's Safe Use of Vertical Spindle Moulding machines Information Sheet No.18 and any revisions.

ITEMS REQUIRED

- Router with suitable collet fitted.
- 14mm A/F spanner.
- Intumescent strip.
- Hand tools.
- Trestle x2.
- Clamps x2.

ITEMS ENCLOSED & DESCRIPTION OF PARTS

- Arbor **x1**
- Bearing 32mm diam. **x1**
- Washer 2mm thick **x1**
- Slotter 10mm kerf x 40mm dia. **x1**
- Instructions **x1**



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

OPERATION



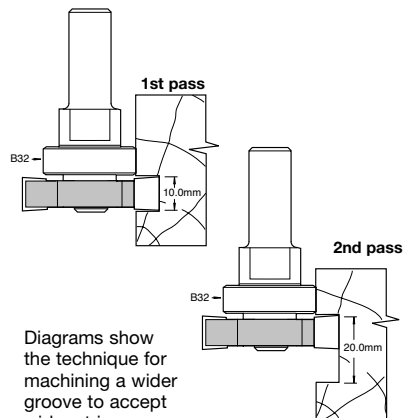
Carefully remove the protective wax from the cutter and dispose.

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.

Set the cutter height and rout the groove in the edge of the door or frame. A wider strip can be accommodated by changing the cutter height.



Recommended speed is 18,000rpm.



Diagrams show the technique for machining a wider groove to accept wider strip.

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.

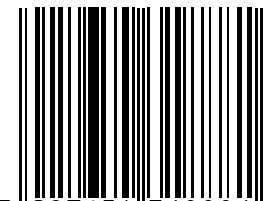
WARRANTY

The cutter carries a manufacturer's warranty in accordance with the conditions on our website www.trend-uk.com

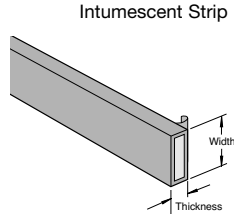
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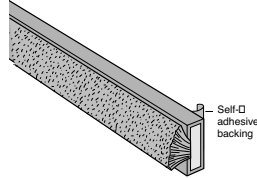
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Types of Intumescent Strip



Intumescent Strip with Smoke Seal

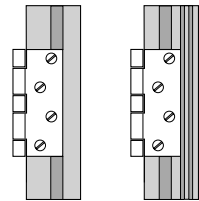


Types of Applications

For either frame or door applications, with standard or smoke seal Intumescent Strip.

Door Applications

Half hour rating One hour rating



Frame Applications



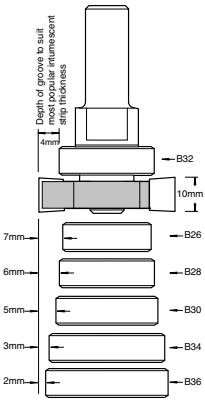
ACCESSORIES

Please use only Trend original accessories.

Alternative Bearings

Adding alternative bearings will give a different depth of cut allowing you to use the cutter for other sizes of intumescent strip and other applications that may arise.

This diagram shows the different depths that can be achieved by using alternate bearings.



Strip Thickness	Bearing Ømm	Ref. (1 off)
7	26	B26
6	28	B28
5	30	B30
3	34	B34
2	36	B36

SPARE PARTS

Please use only Trend original spare parts and accessories.

Item	Qty.	Desc.	Ref. (1 off)
A	1	Arbor 1/2" shank	33/20X1/2
B	1	Bearing 32mm dia.	B32
D	1	Slotter 10mm kerf	34/15TC
	1	Spacer set	SPACER/12
E	1	Instructions	INST/346

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.

Lubrication

- Use a PTFE dry lubricant spray on tool to increase cutting edge life.

Storage

- Always return cutter to its packaging after use.

Safety Points

1. Disconnect power tool 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. Only use tools for woodworking to EN847 safety standard. Ensure cutting tool is suitable for application.
 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 the 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.
 14. User must be competent in using woodworking equipment before using our products. Dress properly, no loose clothing/jewellery, wear protective hair covering for long hair.
 15. Consider working environment before using tools. Ensure working position is comfortable and component is clamped securely. Keep proper footing and balance at all times. Check work area for obstructions. Keep control of power tool at all times.
 16. Please keep children and visitors away from tools and work area.
 17. All tools have a residual risk so must therefore be handled with caution.
 18. Only use Trend original spare parts and accessories.
- If you require further safety advice, technical information, or spare parts, please call Trend Technical Support or visit www.trend-uk.com

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