Intumescent Strip Cutter

345

INST/345 v4.0

trend®
tool technology

INTUMESCENT STRIP RECESSING CUTTER REF. 345

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 20mm x 4mm intumescent strip in a fire door and 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. Please keep children and visitors away from tools and work area. All tools have a residual risk, so must therefore be handled with caution.

ITEMS REQUIRED

- Router with suitable collet fitted.
- 13mm A/F spanner.
- Intumescent strip.
- Hand tools.
- Trestle x2.
- Clamps x2.

Ensure working position is comfortable and component is clamped securely. Consider working environment before using tools.

ITEMS ENCLOSED & DESCRIPTION OF PARTS

A. Arbor **x1**

B. Bearing 32mm diameter **x1**

C. Slotter 20mm kerf x 40mm dia. **x1**

D. Instructions **x1**
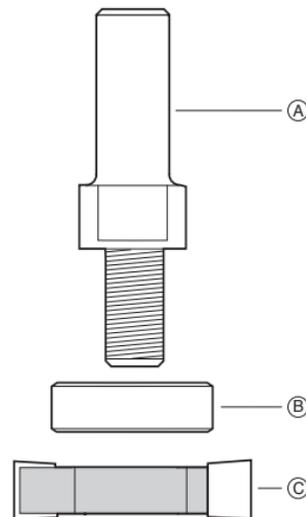
Before using cutter, please ensure it is correctly assembled and locking nut/ groover is fully tightened to correct torque setting.

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 is held in the collet.

The cutter can be used freehand in any portable router which has the capacity to take a 1/2" (12.7mm) shank. If the cutter is to be used in a workshop environment then the cutter can be used in routers which are mounted in an overhead mode or are inverted in a table. To use the router in a stationary position would necessitate machining any stiles or rails before the final assembly of the door or frame.

The cutter should be used at the full speed of the router.

Recommended speed is 18,000 rpm.
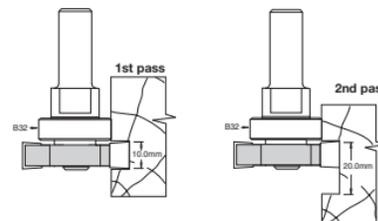
Diagrams show the technique for machining a wider groove to accept wider strip.

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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RECYCLABLE

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Types of Intumescent Strip

Intumescent Strip

Width

Thickness
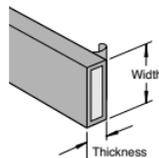
Intumescent Strip with Smokeseal

Self-adhesive backing
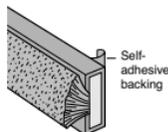
Types of Applications ⚠

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

Door Applications
Half hour rating   One hour rating
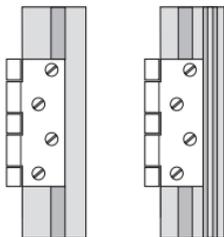
Frame Applications
Half hour rating   One hour rating

⚠
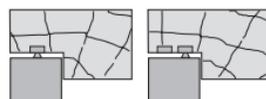
The material being cut will need to be supported and held securely.

ACCESSORIES

Please use only Trend original accessories.

AlternativeBearings ⚠

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. A spacer set Ref. SPACER/12 may be required for some bearings.

Depth of groove to suit most popular intumescent strip thickness

4mm

B32

20mm

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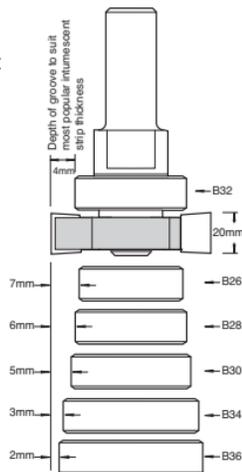
Strip Thickness	Bearing Ømm	Ref. (1 off)
7	26	B26
6	28	B28
5	30	B30
3	34	B34
2	36	B36

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
C	1	Slotter 20mm kerf	34/17TC
D	1	Instructions	INST/345

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.