



Guide Bush Sub-base GB/5 & GB/PLATE



INST/GB v5.0

Please read carefully before use

GUIDE BUSH SUB-BASE REF. GB/5/A-S & GB/PLATE A-S

Thank you for purchasing this Trend Guide Bush Sub-base, which should give lasting performance if used in accordance with this 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 accessory 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 98/37/EC (identified by the CE marking on the power tool).

INTENDED USE

This accessory is intended to be used with a plunge router to allow Trend guide bushes to be fitted.

It is important that the guide bush sub-base must be concentric to the router cutter. To aid centring of the sub-base, a line-up pin is used.

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.

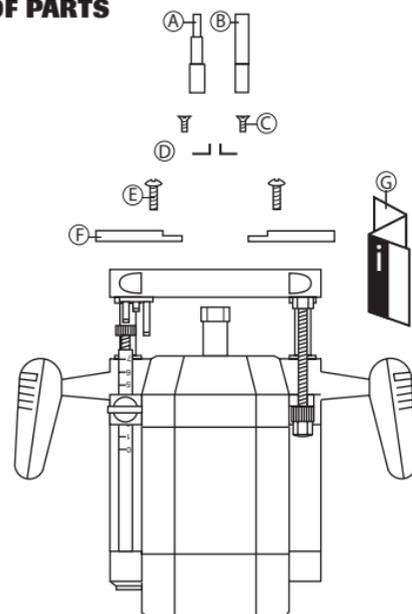
Users should also read the HSE/HSC Safe Use of Woodworking Machinery Approved Code of Practice and Guidance Document and any amendments.

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

ITEMS REQUIRED

- Flat head screwdriver.

ITEMS ENCLOSED & DESCRIPTION OF PARTS



- A. Line Up Pin 1/4"/8mm shank **x1**
- B. Line Up Pin 1/2"/12mm shank **x1**
- C. Machine screws csk 2BA x 5/16" **x2**
- D. Guide bush 16mm **x1**
- E. Machine screws pan **various**
- F. Sub-base **x1**
- G. Instructions **x1**

ASSEMBLY

Line-up Procedure

- The 16mm diameter guide bush is fitted into the recess of the sub-base and the two countersunk screws are used to secure it in position.
- With the router held inverted, the suitable size line-up pin is slid into the collet. The router is then plunged to a reasonable working depth to allow the line-up pin to protrude through the router base.
- The sub-base fitted with the guide bush is then slid down the line-up pin. The sub-base is turned until the counterbored holes are aligned with the fixing holes in the base of the router.
- With the screws supplied, secure the sub-base to the router, and then remove the line-up pin, and guide bush.
- The required guide bush diameter can then be fitted as required.

Trend guide bushes are available in a variety of sizes ranging from 7.74mm to 40mm diameter. Metric and imperial plastic guide bush sets are also available.

With some makes of router, it may not be possible to drill the sub-base to allow direct fixing. If this is the case, the sub-base will be supplied with two M6 pan head screws, and will require alternative fitment.

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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Alternative Fixing Methods

1. If the router base will accept a nut and bolt in the position of the drilled sub-base holes, centralise the sub-base on the line-up pin, mark hole position through it, and drill out the router base.
2. If the router base is made from aluminium or plastic with a thickness of 6.35mm (1/4") or more, an M6 threaded hole can be tapped in. The position for tapping the holes, should be marked through the sub-base after centralising it.
3. Should there be no fixing points and bolt fixing is not possible or desired, double-sided tape (Ref. DS/TAPE) can be liberally applied on the sub-base can be used to hold it in position. Tight clamping is needed to make sure tape is securely mated.



Periodically check sub-base is concentric to collet and reset if necessary.

OPERATION



Routing with a Template



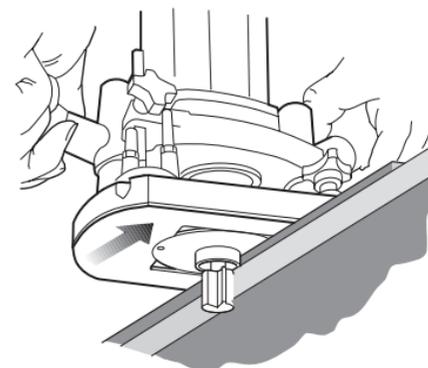
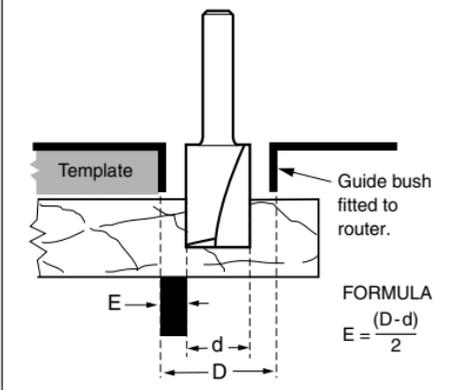
The guide bush is used in conjunction with a template when the routing operation is repetitive or the workpiece is complex in shape. The template is fixed to the upper surface of the workpiece. A cutter is chosen with a diameter which will pass through the centre of the bush leaving enough clearance. The cutter can be straight or shaped. The router can then be guided around the template so that the shape of the template will be replicated.

Making the Template



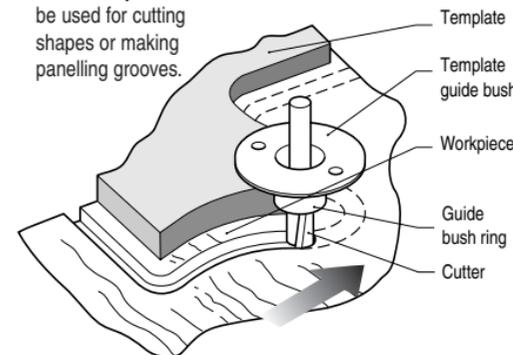
The template is cut from 6mm or 1/4" MDF, plywood or plastic to the shape required. The guide bush offset needs to be allowed for when calculating the shape of the template. The template must be smaller by an amount equal to the difference between the 'outer edge of the guide ring' and the 'outer edge of the cutter'. See below for the offset calculation. The edge of the template must be free of imperfections as these will be replicated in the final workpiece.

Calculations for template offset



Using a template to rout an edge straight.

Alternatively it can be used for cutting shapes or making panelling grooves.



SPARE PARTS

Please use only Trend original spare parts.

Item	Qty	Desc.	Ref. (1 off)
A	1	Line up pin 1/4"/8mm	UNI/PIN/1
B	1	Line up pin 1/2"/12mm	UNI/PIN/2
C	2	Machine screw csk 2BA x 5/16" (10 off)	GB/01
D	1	Guide bush 16mm	UNI/GB16
G	1	Instructions	INST/GB

MAINTENANCE

The accessory has been designed to operate over a long period of time with minimum of maintenance. Continual satisfactory operation depends upon proper tool care and regular cleaning.

Cleaning

- Remove resin build-up regularly.

Lubrication

Your accessory requires no additional lubrication.

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 (n_{max}) 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.

Please see www.trend-uk.com/safety for more safety advice.



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