# UNIBASE

***The Unibase enables routers with non-standard guide bush fittings to accept the range of Trend Euro Style guide bushes. It will fit directly to most routers.***

- Line-up pin used with a 16mm plastic line-up bush to ensure concentricity of the cutter to the guide bush when fitting the sub-base.
- Suits collet sizes 1/4", 8mm, 12mm and 1/2".

## UNIBASE £20.51

Size: 170mmØ x 8mm

Router and cutter not included.

COMPATIBILITY
www.trend-uk.com/compatibility

TBC
TREND BASE CONFIGURATION

VIDEO TO WATCH
trend-uk.com/video

**INCLUDES:**

2 x Line-up pins
1 x Line-up bush
1 x Fixing screw pack

| REPLACEMENT PARTS: | Product Ref. | Price |
|---|---|---|
| 1. **Fixing screws pack** Fixing screws for all makes of router. | FIX/KIT/3 | £3.13 |
| 2. **Guide bush** 16mm diameter plastic line-up guide bush. | UNI/GB16 | £4.89 |
| **Line-up pins** | | |
| 3. To suit 1/4" & 1/2" collet | UNI/PIN/1 | £2.51 |
| 4. To suit 8mm & 12mm collet | UNI/PIN/2 | £2.51 |

| OPTIONAL ACCESSORIES: | Product Ref. | Price |
|---|---|---|
| 5. **Guide bush mounting screws** 10 off 2BAx1/4" | GB/01 | £3.17 |


## INSTRUCTIONS FOR FITTING UNIBASE

The line-up pin fits into the collet and is plunged through the router base. The line-up bush is fitted into the UNIBASE and secured. This is then placed over the line-up pin and rotated in order to line up the fixing holes. The UNIBASE screws are tightened and then the line-up bush can be replaced with any choice of Trend guide bushes. These range from 10mm up to 32mm (GB10 - GB32). For larger diameter cutters a 40mm guide bush (GB40) is available. See opposite page.

| DIA. CUTTER / Outside Dia. / Ref. | | GUIDE BUSH | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | GB10 | GB11 | GB12 | GB14 | GB16 | GB17 | GB18 | GB20 | GB22 | GB24 | GB26 | GB28 | GB30 | GB32 | GB40 |
| inches | mm | 10 mm | 11 mm | 12 mm | 14 mm | 16 mm | 17 mm | 18 mm | 20 mm | 22 mm | 24 mm | 26 mm | 28 mm | 30 mm | 32 mm | 40 mm |
| 7/64 | 3 | 3.5 | 4 | 4.5 | 5.5 | 6.5 | 7 | 7.5 | 8.5 | 9.5 | 10.5 | 11.5 | 12.5 | 13.5 | 14.5 | 18.5 |
| 1/8 | 3.2 | - | 3.9 | 4.4 | 5.4 | 6.4 | 6.9 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | 14.4 | 18.4 |
| 5/32 | 4 | - | 3.5 | 4 | 5 | 6 | 6.5 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 18 |
| 3/16 | 4.8 | - | - | 3.6 | 4.6 | 5.6 | 6.1 | 6.6 | 7.6 | 8.6 | 9.6 | 10.6 | 11.6 | 12.6 | 13.6 | 17.6 |
| 13/64 | 5 | - | - | 3.5 | 4.5 | 5.5 | 6 | 6.5 | 7.5 | 8.5 | 9.5 | 10.5 | 11.5 | 12.5 | 13.5 | 17.5 |
| 7/32 | 5.5 | - | - | - | 4.2 | 5.2 | 5.8 | 6.2 | 7.2 | 8.2 | 9.2 | 10.2 | 11.2 | 12.2 | 13.2 | 17.2 |
| 15/64 | 6 | - | - | - | 4 | 5 | 5.5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 17 |
| 1/4 | 6.3 | - | - | - | 3.8 | 4.8 | 5.4 | 5.8 | 6.8 | 7.8 | 8.8 | 9.8 | 10.8 | 11.8 | 12.8 | 16.8 |
| 5/16 | 8 | - | - | - | - | 4 | 4.5 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 16 |
| 23/64 | 9 | - | - | - | - | 3.5 | 4 | 4.5 | 5.5 | 6.5 | 7.5 | 8.5 | 9.5 | 10.5 | 11.5 | 15.5 |
| 3/8 | 9.5 | - | - | - | - | - | 3.8 | 4.2 | 5.2 | 6.2 | 7.2 | 8.2 | 9.2 | 10.2 | 11.2 | 15.2 |
| 25/64 | 10 | - | - | - | - | - | 3.5 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 15 |
| 7/16 | 11 | - | - | - | - | - | - | 3.5 | 4.5 | 5.5 | 6.5 | 7.5 | 8.5 | 9.5 | 10.5 | 14.5 |
| 15/32 | 12 | - | - | - | - | - | - | - | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 14 |
| 1/2 | 12.7 | - | - | - | - | - | - | - | 3.6 | 4.6 | 5.6 | 6.6 | 7.6 | 8.6 | 9.6 | 13.6 |
| - | 13 | - | - | - | - | - | - | - | 3.5 | 4.5 | 5.5 | 6.5 | 7.5 | 8.5 | 9.5 | 13.5 |
| - | 15 | - | - | - | - | - | - | - | - | 3.5 | 4.5 | 5.5 | 6.5 | 7.5 | 8.5 | 12.5 |
| 5/8 | 16 | - | - | - | - | - | - | - | - | - | 4 | 5 | 6 | 7 | 8 | 12 |
| - | 18 | - | - | - | - | - | - | - | - | - | - | 4 | 5 | 6 | 7 | 11 |
| 23/32 | 18.2 | - | - | - | - | - | - | - | - | - | - | 3.9 | 4.9 | 5.9 | 6.9 | 10.9 |
| 3/4 | 19 | - | - | - | - | - | - | - | - | - | - | 3.5 | 4.5 | 5.5 | 6.5 | 10.5 |
| - | 20 | - | - | - | - | - | - | - | - | - | - | - | 4 | 5 | 6 | 10 |
| 7/8 | 22.2 | - | - | - | - | - | - | - | - | - | - | - | - | 3.9 | 4.9 | 8.9 |
| 1 | 25.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7.3 |
| 1-1/8 | 28.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.7 |
| 1-1/4 | 31.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4.1 |

## CUTTER TEMPLATE/GUIDE BUSH RELATIONSHIP

The chart on the left shows the offset which results from using a specific size of guide bush and cutter. This offset shown on the shaded areas should be calculated prior to producing a template. All the guide bushes will fit the UNIBASE, GB/5 and GB/PLATE sub-bases - see opposite.

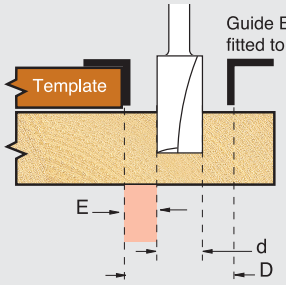
## GUIDE BUSHES WHEN HAND ROUTING

**Guide bushes are required when material has to be profiled or routed to a set pattern or shape.**

In operation, a suitable guide bush is first mounted on the router base or sub-base. When choosing guide bush and cutter, make allowances for a recommended minimum of 3.5mm between cutter and outside of bush. This ensures there is enough clearance to allow the waste to clear the guide bush.

The diagram shows the relationships between the cutter, guide bush and template. The offset (E) gives the position the template must be distanced from the finished workpiece.

This difference is shown in the chart on the left by the shaded area relative to the range of bushes and cutters available.




FORMULA $E = \frac{(D-d)}{2}$

Deduct the cutter diameter from outside diameter of guide bush and divide by two.



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All prices are exclusive of VAT