

LOCK RECESS TEMPLATE

- Clear plastic.
- Metal templates.
- Six lock recess templates.
- Three mortise templates.
- Fully adjustable.

Requires:

For mortise:

- 1/2" collet plunge router.
- 12mm x 50mm straight cutter Ref. 3/73D or C200D.

For face plate recess:

As mortise or alternatively

- 1/4" collet plunge router.
- 12mm straight cutter Ref. 3/8L or C019A.
- 30mm guide bush Ref. GB30*.
- Softwood batten 44 x 34 x 450mm long PAR S/W.
- Two clamps.

Size: 320mm x 135mm x 8mm.

*A Unibase may be required for certain makes and models of routers.

trend[®]
routing technology

FOR GUIDING THE ROUTER



Templates for use with any plunge router to accurately fit 2, 3 and 5 lever sash and dead mortise locks.

Suitable for **ADDITIONS** H32306, H32331

ARROME SASH **CHUBB** 3U75, 3G114 **ERA** 196-62, 221-31, 201-31, 201-32, 202-32, 301-32T, 302-32T, 467-32T, 471-32T, 571-32T, Latch, 208-31, **ES** Bed Latch **JEWSON** LISJK072, LISJK100 **LEGG**E P3751, P1645 **TRAVIS** **PERKINS** P19, P20 (802503), P29 (802510), P81 **UNION** L99, Y2201, Y2294 **YALE** PM246, PM320, PM550



TEMP/LR/A



LOCK RECESS TEMPLATE REF. TEMP/LR/A

Thank you for purchasing this Trend product which should give lasting performance if use in accordance with these instructions. Please read instructions carefully before use.

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 unit 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

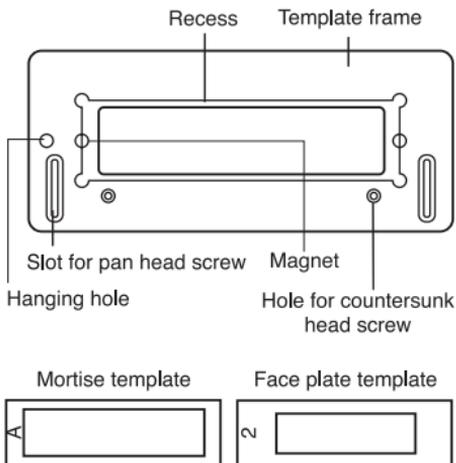
The template is intended to be used with a plunge router with suitable router cutter fitted to make a lock mortise and face plate recess in a door.

SAFETY

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

ITEMS REQUIRED

- No. 2 Pozix® screwdriver .
- Wooden batten size 44mm wide x 34mm thick x 450mm long.
- 30mm guide bush.
- Plunge router.
- 12mm diameter router cutter.
- For face plate only - 1/4" or 1/2" collet router with corresponding shank cutter can be used.
- For mortise cutting - a 1/2" shank router and cutter must be used.
- 2 x clamps.
- A means to hold door on its edge.
- Hand chisel or corner chisel.



DESCRIPTION OF PARTS

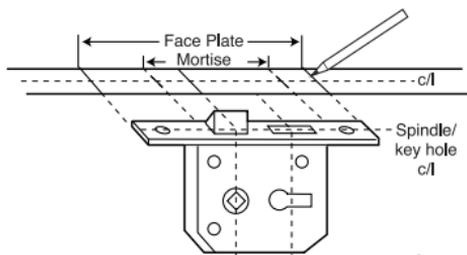
OPERATION



Marking out Lock

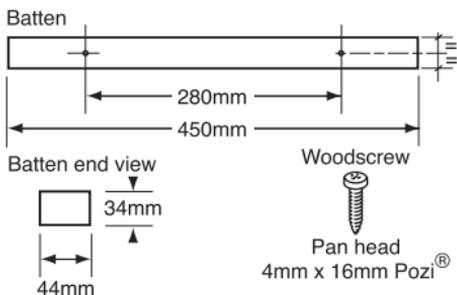
Although it is possible to recess the lock whilst the door has been hung in the frame or lining it is recommended that the lock recess is cut horizontally and held by a block, wedge or a clamping bench.

- Measure the recommended height or position of door handle and mark with a pencil onto the door face whilst still in frame or lining (900-1000mm approx.).
- Transfer this mark (spindle position) on to door edge.
- Position lock so that spindle of the lock is centred over the pencil line.
- Mark the length of lock body and face plate on to the door edge.
- Position lock on face of door and align with pencil marks on door edge, ensure face plate is flush to door edge and mark spindle and key hole positions.
- Use a marking gauge to scribe the centre line of the door edge.
- Ensure centre line is long enough to be seen through the lock recess template frame.
- Mark a horizontal line across the edge of the door. This is the centre of your lock position.

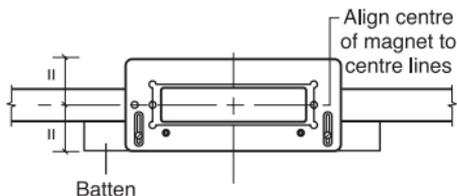
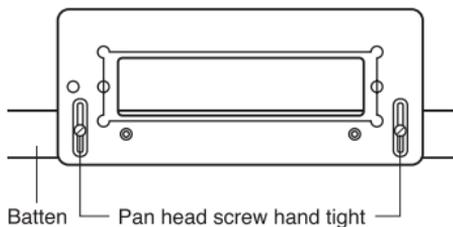


Setting up of Lock Recess Template

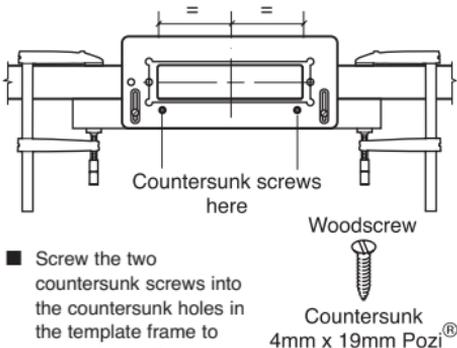
Make a batten 44mm wide x 34mm thick x 450mm long.



- Drill two 2mm diameter holes in the centre of the batten at 280mm centres.
- Fix the batten to template frame slots using the pan head screws supplied and using a No. 2 Pozi® screwdriver. Do not tighten.
- Line up centre of template frame to centre line on door.
- Whilst holding the frame in position slide the batten so that it touches the edge of the door throughout its length.

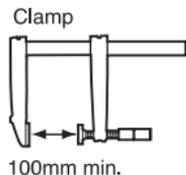


- Tighten up the pan head screws to secure the batten at this position. Double check that template is central and that the batten is positioned properly. Once the position is correct, using the two countersunk holes as a guide drill 2mm diameter holes into the batten.

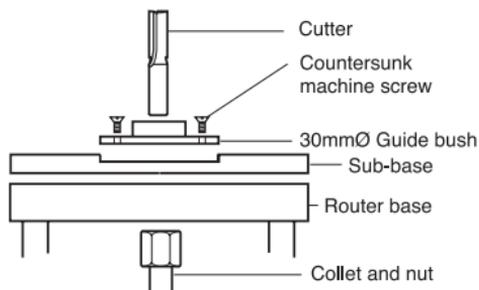


- Screw the two countersunk screws into the countersunk holes in the template frame to secure the batten properly.

- Align the template frame to the horizontal line. Using two clamps secure the batten to the door edge. Ensure clamps do not foul path of the router.



Setting up of Router



- Fit a 30mm guide bush to the router and 12mm diameter cutter into the collet.
- Set depth stop to limit the depth of cut.

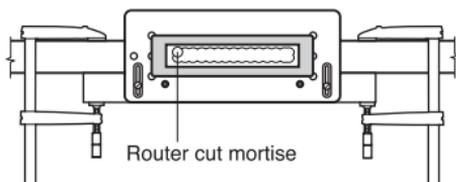
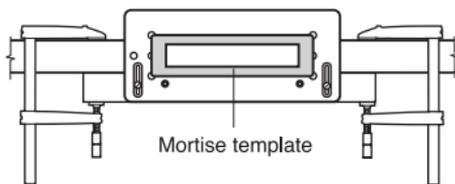
To fit a Lock

To fit a lock in the door, a mortise for the lock body and a face plate recess must be routed. The mortise is cut using the relevant mortise template (marked with a letter), and the face plate recess is cut using a face plate template (marked with a number). To select the correct template, please refer to the chart at the end of these instructions. Please note 1/4" collet routers can only be used for face plate recessing. The mortise needs a 1/2" shank router. Alternatively the mortise can be created using the correct size auger bit in a power drill.

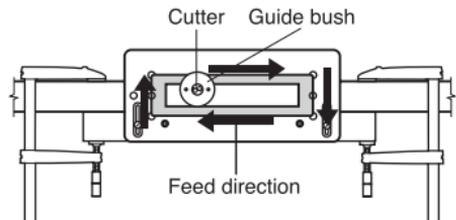
Routing the Mortise



- Fit the relevant mortise template to the frame (letter B or C). The template is held in the frame by two magnets.
- Place the router with the guide bush fitted into the mortise template aperture.
- Plunge rout the mortise by router plunge drilling a series of overlapping holes no more than 20mm deep.



Then making sure the plunge locking lever of the router is locked, clean mortise by making a shallow pass no more than 20mm deep around the template in a clock-wise direction. Remove loose waste with a screwdriver and vacuum cleaner.

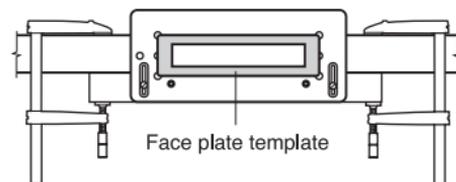


- Repeat plunge and rout operations until the full depth is achieved. Depending on the router set-up, deepening of the mortise with an auger bit and power drill may be required. Check mortise depth is suitable for the lock.

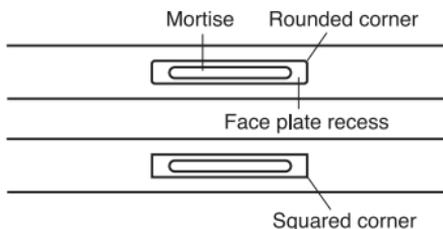
Routing Face Plate Recess



- Fit the relevant face plate template to the frame (Number 1, 2, 5, etc).
- Place router with the guide bush fitted into the face plate template aperture.
- Set the depth stop to match the face plate thickness. This can be achieved by placing router onto template, plunging down until cutter touches work piece, locking the depth, then placing face plate on turret depth stop and lowering depth stop until it touches the face plate.
- Lock depth stop in position.



- Plunge rout the face plate recessing in a clock-wise direction.
- Check depth suits face plate, and adjust if necessary.
- Use either a chisel or corner chisel to square the rounded corners of the face plate recess.



Keyhole and Door Handle

Following lock manufacturers instructions:-

- Mark position of keyhole and handle on side of door, and drill suitable size holes for the mechanism.
- Fit lock in recess and screw lock in position.
- Fit handles to door.
- Fit keep or lining or striking plate in door frame.

MAINTENANCE

The template 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**
Regularly clean template with a soft cloth, do not use solvents.
- **Lubrication**
Templates do not require lubrication.

RECYCLING

Template, accessories and packaging should be sorted for environmentally friendly recycling.

GUARANTEE

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

LOCK CHART

Make	Levers	Type	Part Number	MORTISE			FACE PLATE		
				Width mm	Length mm	Template Choice	Width mm	Length mm	Template Choice
ADDITIONS	2	SASH	H32306	15	96	B	22.6	152.5	2
ADDITIONS	2	SASH	H32331	16	102.5	B	22.4	152	2
ARROME	3	SASH	-	16	103	B	22.2	155.3	1
CHUBB	5	SASH	3U75	16	110	B	25.4	153	7
CHUBB	5	DEAD	3G114	19	70	C	25.4	133	5
ERA	5	SASH	196-62	15	108	B	26	162	12
ERA	5	SASH	221-31	15	108	B	26	162	12
ERA	5	DEAD	201-31	16	88	E	25.4	133.5	5
ERA	5	DEAD	201-32	16.3	87.5	E	26	134	5
ERA	5	DEAD	202-32	15.8	109	B	26	162	12
ERA	5	DEAD	301-32T	15	87	E	26	134	5
ERA	5	SASH	302-32T	15	87	B	26	162	12
ERA	2	SASH	467-32T	14	102	B	22	155	1
ERA	3	SASH	471-32T	14	102	B	22	155	1
ERA	3	SASH	571-32T	14	102	B	22	155	1
ERA	-	LATCH	-	23.5	23.5	15 (Round)	25.1	57.2	15
ERA	5	DEAD	208-31	17.5	85.7	C	25.4	134.2	5
ES	-	BED LATCH	-	16	102	B	22.5	155	1
JEWSON	3	SASH	LISJK072	16	103	B	22.2	152	2
JEWSON	-	EURO	LISJK100	16	109	B	25	152.5	7
LEGGE	-	LATCH	P3751	16	102	B	22.5	152.5	2
LEGGE	5	DEAD	P1645	17	77	C	25.4	133	5
TRAVIS P	3	SASH	P19	16	102.5	B	22.2	152	2
TRAVIS P	3	SASH	P20	16	102.5	B	22.2	152	2
TRAVIS P	3	SASH P22	(802503)	14.7	98.4	B	22.3	152	2
TRAVIS P	2	BATH P29	(802510)	15.8	102.7	B	22.5	152	2
TRAVIS P	5	DEAD	P81	18	77	C	25.4	133.3	5
UNION	-	EURO	L99	16	109	B	25.4	152.5	7
UNION	5	SASH	Y2201	14.8	108.2	B	25.6	152	7
UNION	2	BATH	Y2294	14.2	101.7	B	22.4	152	2
YALE	2	SASH	PM246	16	101.7	B	22.4	152.3	2
YALE	3	SASH	PM320	16	108.5	B	25.5	152.5	7
YALE	5	SASH	PM550	15.5	108.6	B	25.5	152.5	7

EC Design Reg. 000132246-002

Trend Machinery & Cutting Tools Ltd.
Odhams Trading Estate St. Albans Road
Watford WD24 7TR England

Enquires: _____ 0800 487363

Technical Support: _____ 0044 (0) 1923 224681

Fax: _____ 0044 (0) 1923 236879

Email: _____ mailserver@trendm.co.uk

Web: _____ www.trendmachinery.co.uk



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RECYCLABLE

Safety Points

1. Always wear eye protection such as goggles, ear protection and use effective respiratory protection.
2. Before making adjustments to the router, like changing the cutter, make sure the power is isolated correctly.
3. Before re-connecting to the mains supply, make sure the power switch on the router is in the 'off' position.
4. Do not switch on the router with the cutter in contact with the workpiece.
5. Before making adjustments always allow the cutter to stop rotating.
6. When routing keep your hands, hair and clothing clear of the cutter.
7. Make sure you follow the instructions which came with your router.
8. Ensure all visors, guards and dust extraction are fitted.
9. Trial cuts should be made in waste material before starting any project.

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