CL400® Magnetic

Handle Cutout Jig Instructions

NOTE - READ THIS SAFETY MESSAGE FROM START TO FINISH BEFORE ATTEMPTING TO ROUTER THE DOOR

This is a good quality, multi use cut out jig designed to be used by competent tradesmen. With correct operation the cut out jig will produce a neat, fast and accurate cut out to fit the CL400 handle range. It is designed to cut through the entire thickness of the door up to 45mm (1 ¾”) in two or more passes*.

You must use a 1/2” cutter with this jig or cut will not be accurate

CARE MUST BE TAKEN TO AVOID PERSONAL INJURY OR DAMAGE TO THE DOOR

* The door must be cut in two or more passes depending on door thickness and door hardness. E.g. If you are cutting out a 44mm (1 3/4”) thick hollow core door, two passes is appropriate. If you are cutting out a 49mm (1 1/2”) thick solid core hardwood door, three or more passes should be used. The number of passes needed to maintain a safe environment is to be determined by a competent builder with experience in the trade.

TO REDUCE THE RISK OF ACCIDENTS, READ THE FOLLOWING:

1. Only attempt this if you are a skilled tradesman with experience using routers
2. Ear and eye protection must be worn when operating the router
3. Do not use a blunt or damaged router bit
4. Do not use a variable speed router and slow the cutter’s rotation speed down
5. Ensure you have a firm grip on the router during operation
6. Ear and eye protection must be worn when operating the router
7. Ensure the guide bush is always rolling against the steel jig.

HARDWOOD DOORS

1. Only attempt this if you are a skilled tradesman with experience using routers
2. Do not attempt this without a variable speed router
3. Do not attempt this if the router is not held in the same orientation during each cut.
4. Choose a feed rate that is appropriate. If you are cutting out a 45mm (1 ¾”) thick hardwood door, three or more passes should be used. The number of passes needed to maintain a safe environment is to be determined by a competent builder with experience in the trade.

IMPORTANT NOTE: Ensure router is always held in the same orientation during each cut. If multiple cuts are made, the router must be held in the same orientation from cut to cut. E.g. always hold the right hand router handle in the same hand.

Our bush may look the same as other bushes you can buy off the shelf but the quality is the same. Our template may also look similar.

WARNING: If alignment (above step) was done correctly the router should be in the centre of the ½” guide bush. Make sure the bush does not contact the router collet.

Perform Test Cut

Test cut on 50x150mm (2x6”) timber or similar.

Because we cannot guarantee the accuracy of the alignment of the guide bush and router cutter it is important to do a test cut on a piece of scrap timber.

Pick a router orientation (see Important Note, page 4) which is comfortable and allows easy test cuts. Check that the faceplate of the CL400 site flush or slightly below flush with the front edge of the door. When cutting out the door, make sure the orientation of the router is the same as during the test cut, or the result will vary.

Diagram A

What’s included:

1. Cutout Jig
2. 1/2” Guide Bush
3. Wavy Washer
4. Universal Nut
5. 1/2” Solid Carbide Spiral Cutter & Alignment Pin
6. Safety Gear
7. Measuring Equipment
8. Hammer & Chisel
9. Router
10. Base plate that accepts router template guide bush

Setting up Router with Cutter

1. Mount ½” guide bush in router plate
2. Insert ½” alignment pin into collet and tighten
3. Mount ½” guide bush onto router plate
4. Place template over alignment pin and back side of router plate
5. Remove alignment pin, insert ½” router bit
6. Line up centre mark on template with centre line on door.

Setting up Router with Cutter

1. Remove standard routing plate.
2. Insert ½” alignment pin into collet and tighten.
3. Mount ½” guide bush onto router plate

DO NOT USE OTHER BRANDS OF BUSHES ON OUR TEMPLATES AS THE CUT OUT WILL BE WRONG

Visit our website for more info and instructional video

Cavilock® Handles & Locks for Sliding Doors

NZ: 09 276 0800, www.cofordoors.co.nz
AU: (02) 9905 058, www.cavitysliders.com.au
US: (888) 498 0030, www.cavitysliders.com

Cavity Sliders Ltd. © 2019

CL400® MAGNETIC HANDLE CUTOUT JIG INSTRUCTIONS: ZG00087 / 61162 - 03.2019

All copyright and other proprietary rights in this document (including the copyright in any translated document) are owned by Cavity Sliders Ltd. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without the prior written consent of Cavity Sliders Ltd.

Refer to FAQ and important safety information on www.cavitysliders.com