



VP-CHJ



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VP-CHJ Concealed Hinge Jig Manual EN v1.1.00 A4ob

Manual - EN

IGM Concealed Hinge Jig

Manual

Dear Customer,

thank you for the confidence you have placed in us with the purchase of your new IGM jig. This manual was prepared for the owner and operator of **IGM Concealed Hinge Jig** to promote safety during setup, operation and maintenance. Please read carefully and understand the information contained in this manual. To obtain maximum service life and performance, use the jig according to these instructions and safety guidelines. Observe work safety.

We wish you a lot of work satisfaction and joy when working with the IGM Concealed Hinge Jig.

Intended Use

This jig is designed only for drilling concealed hinge cups in wood and wooden materials.

Warranty

IGM always strives to deliver a high-quality and efficient product. The warranty is governed by the valid terms and conditions of IGM.

Safety Instructions

Warning! Read all instructions and safety guidelines. Failure to follow safety instructions may result in damage to the jig and serious injury to the operator. Keep the manual for future reference.

- Check the technical condition of the jig and cutting tool before work. The cutting tool must be sharp and free from damage. Do not use the jig or cutting tool when damaged.
- The working area must be clean and well-lit. There must be sufficient space around the work area.
- Take care of your safety when working. Long hair, loose clothing and jewellery may cause injury. Wear suitable work clothing, footwear and eye, ear and respiratory protection.
- Watch your hands and fingers. Always use both hands when working with the jig.
- Ensure that the jig is held securely in place. If necessary, use a clamp. Never hold the jig with your hand while working!
- Keep the jig out of reach of children and unqualified persons.

- Do not leave the jig in a damp environment and do not expose it to rain.

Symbols



Warning of general danger.



Wear work gloves.



Use ear protection. Use eye protection. Use respiratory protection.

Specification

Minimum Material Thickness:	18 mm
Drill Bit:	Forstner 35 mm
Shank:	round, diameter 9,5 mm
Drill Length:	90 mm
Drill Guide Diameter:	12 mm
Plastic Pin Offset:	3, 4, 5 and 6 mm
Hinge Screw Diameter:	2 mm



Package Contents

- Base
- Drill Guide
- Forstner Bit 35 mm
- Washer
- Spring
- Stop Collar
- 2x Plastic Pin
- Magnetic Pilot Hole Plate
- Hex Key 3 mm

Working with the Jig

Setting up the Jig

Insert the Forstner bit into the drill guide. Put the washer, spring and collar stop on the shank. Push the stop down until it is seated on the wider part of the shank. Then tighten the stop collar with the hex key. Note: If the stop collar is not properly seated, the hinge cup hole will be too shallow.



Attaching the Magnetic Pilot Hole Plate

Attach the magnetic plate to the bottom of the base. The plate holes must be in the same position as the desired pilot hole. Align the notches in the template with the notches in the base.



Offset

To determine the offset, refer to the instructions included with the hinge or the manufacturer's website. The offset indicates the distance between the centre of the hinge cup to the edge of the door. For these distances, the offset is as follows:

Cup Centre Distance	Offset
21 mm	3 mm
22 mm	4 mm
23 mm	5 mm
24 mm	6 mm

Drilling the Cup

Use a pencil and a square to mark the centre line of the hinge cup.

Place the base on the door with the plastic pins touching the edge of the door. Align the notches in the base with the centre line.



Use clamps to hold the base down.

Insert the drill bit with the drill guide into a drill, then lock it in the base.

Remove the drill bit with the drill guide and drill 2 mm pilot holes. Ensure the drilling depth is correct.



Accessories

Recommended accessories are listed on the IGM website.

Caution! Installing unapproved accessories can cause damage to the jig and serious injury. Use only accessories recommended for this jig by IGM.

- IGM Concealed Hinge Forstner Bit VPP-CHJB