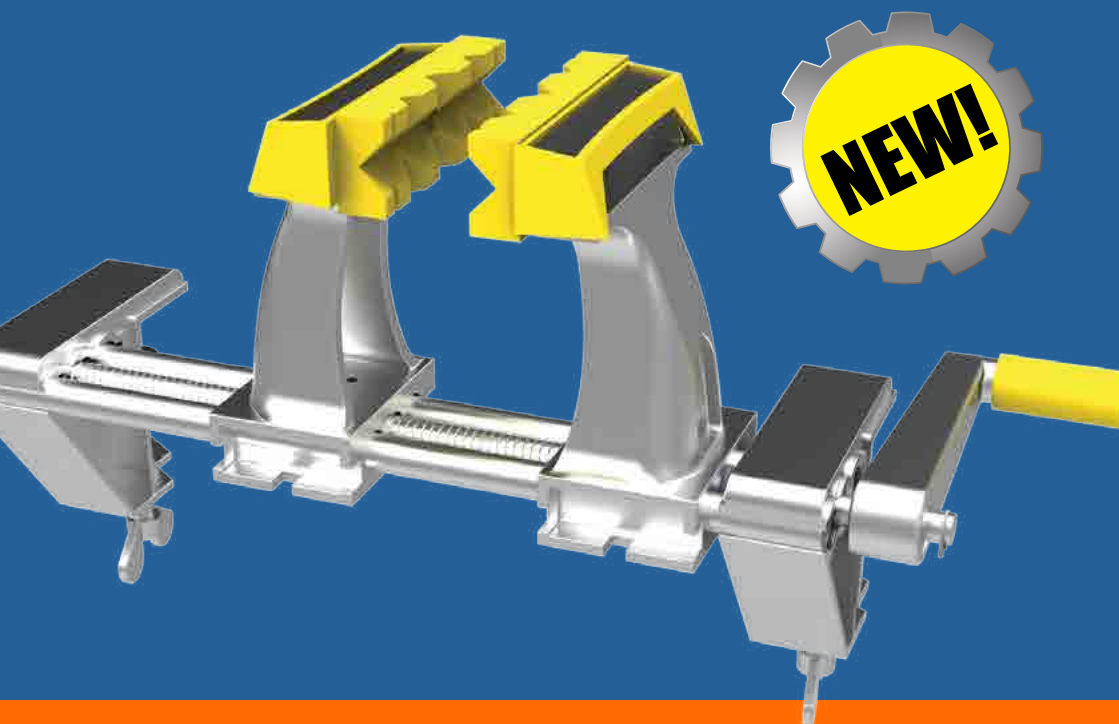


The
Renovator



Extra Pair of Hands

Clamping System



Instruction Manual

**ANY OBJECT, ANYWHERE, FOR HANDSFREE
CONSTRUCTION AND REPAIRS!**

Contents

Welcome	2
About this manual	2
Support	2
What's included	3
Extra Pair of Hands™ components	3
Using Extra Pair of Hands™	5
Standard Bench Vice	5
Low Jaw Grip	6
Upper Soft Jaws	7
Lower Soft Jaws	7
Flush End Stop	8
Turning Centres	10
Turntable	11
Drill Holder	12
C Clamp or Glue Press	13
Bench Clamp	14
Tube Clamping Jaws	15
Sash Clamp	16
Metal Jaws	17
Mounting Pad Assembly	18
Neoprene Pads	19
Cork Pads	19
Sandpaper Pads	19
Sure Grip EVA Pads	19
Nylon Weave Polishing Pads	19
Leather Pads	19
Warranty	20

Welcome

About this manual

Congratulations on purchasing your Extra Pair of Hands™. Before using it, please read this manual carefully.

This manual covers how to safely use your Extra Pair of Hands™, as well as tips for using and maintaining it.

Support

If you experience problems with the Extra Pair of Hands™ or its performance, please call our Customer Service Team for assistance:

- ✓ 0800 002 999 in New Zealand,
- ✓ 1800 890 840 in Australia,
- ✓ 1800 200 3111 in United States.

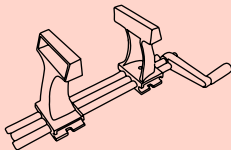
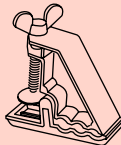
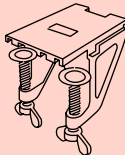
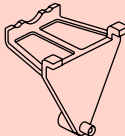
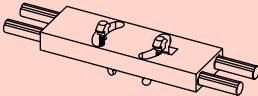
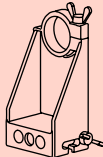
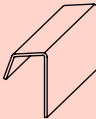
Safety guideline

- Before using the Extra Pair of Hands™ Clamping System please read the instruction manual carefully.
- Do not leave children unsupervised close to the tool.
- Use the tool for its intended use only.
- Please keep these instructions, the sales receipt and, if possible, the packaging.
- Do not place on unstable surfaces.

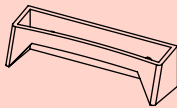
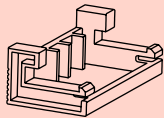
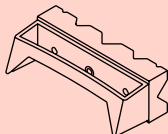
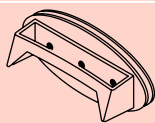


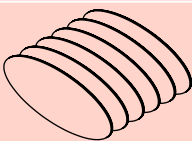
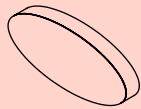
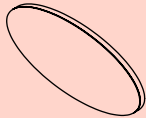

What's included

Extra Pair of Hands™ components

The following components are included with your Extra Pair of Hands™.

Qty.	Description	
1	Clamping Vice	
2	Bench Clamps	
1	End Stop	
2	Turning Centres	
1	Turntable	
1	Drill Holder	
2	Metal Jaws	

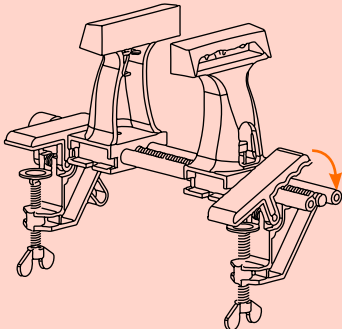
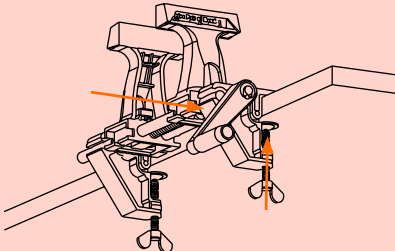
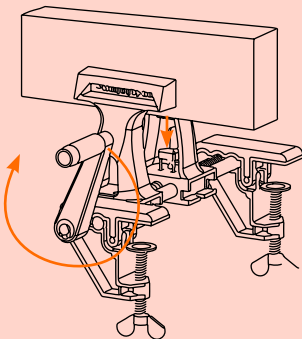
What's included

2	Upper Soft Jaws	
2	Lower Soft Jaws	
2	Tube Clamping Jaws	
2	Mounting Pads	
2	Neoprene Pads	
2	Cork Pads	
2 each	Sandpaper Pads (P40, P120, P140, P180, P240, P320)	
2	Sure Grip EVA Pads	
2	Nylon Weave Polishing Pads	
2	Leather Pads	

Using Extra Pair of Hands™

Standard Bench Vice

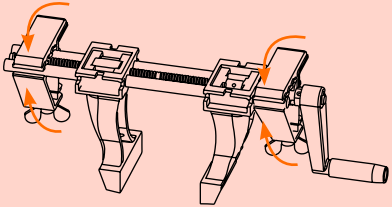
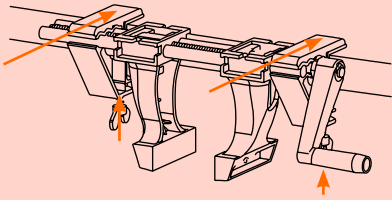
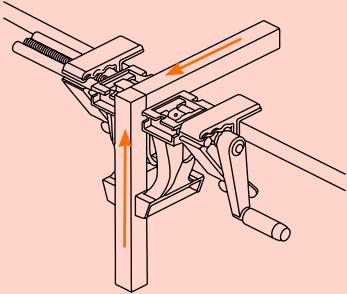
The Extra Pair of Hands™ Clamping System allows the work to be secured, using very little pressure, by a unique 4-point grip.

Step	Description	
1	Attach a Bench Clamp to each end of the Vice with the Vice Jaws pointing upwards.	
2	Attach the assembled unit to any work surface (bench, saw horse, tailgate) and tighten the Bench Clamps to the surface.	
3	<p>Adjust the moveable jaw by pressing the yellow knob. Slide the jaw up to the workpiece. Half a turn is sufficient to tighten the Vice.</p> <p>The upper jaws will engage the work a quarter of a turn before the lower jaws lock the work in place with its unique 4-point grip.</p>	

Using Extra Pair of Hands™

Low Jaw Grip

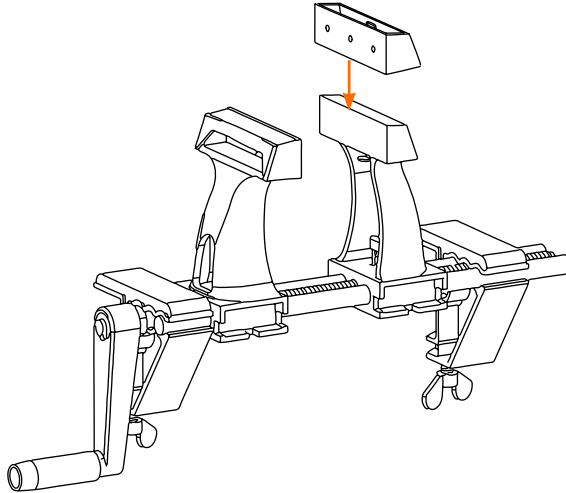
This low profile position can make a workpiece easily accessible and secure for planing, sanding and routing. The Vice can be used to its maximum advantage as no hindrance occurs as with conventional clamps, which obstruct the working surface. In this position it is also possible to hold two pieces at the same time (at right angles) for joining (drilling, dowelling, nailing and gluing, etc).

Step	Description	
1	Attach a Bench Clamp to each end of the vice with the Vice Jaws pointing downwards.	
2	Clamp the assembled unit to any work surface.	
3	Insert the workpiece(s) and tighten	

Using Extra Pair of Hands™

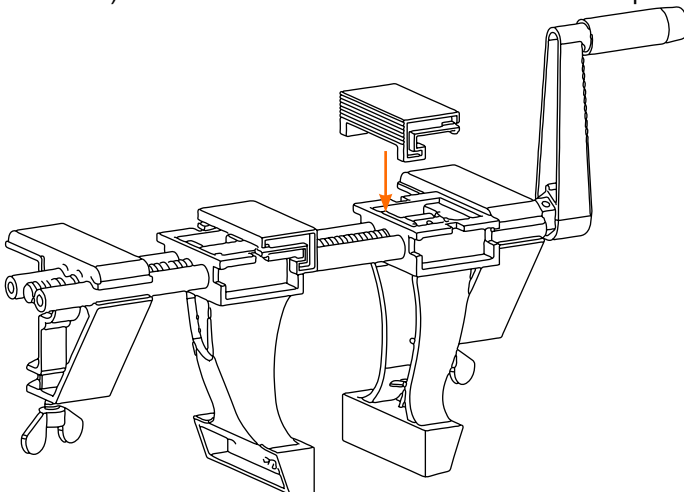
Upper Soft Jaws

The plastic soft jaws for the top of the Vice can be used to protect soft woods or delicate materials such as glass or tile.



Lower Soft Jaws

As above, but used when the Vice is in the Low Jaw Grip position (as illustrated below) or when it is extended with the Flush End Stop.

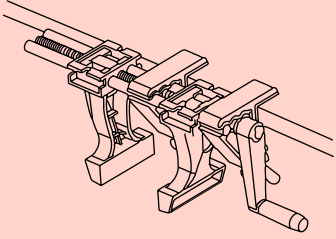
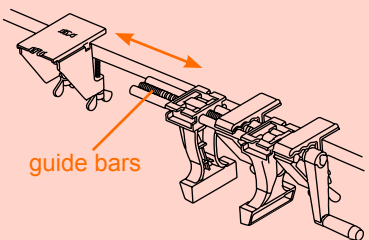
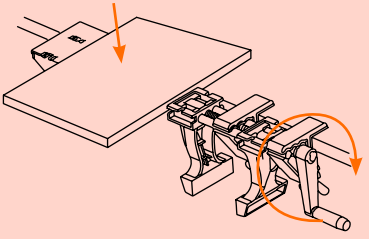


Using Extra Pair of Hands™

Flush End Stop

For materials larger than the 165mm (6.5 inches) available on the Low Jaw Grip, the End Stop is used. Larger articles can be held for cross cutting, panel sawing or rip sawing. Tables, doors, sheer materials, etc. can be held easily in this manner.

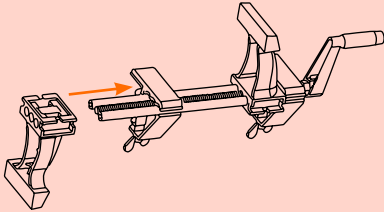
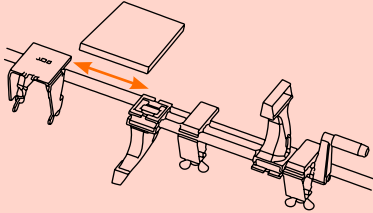
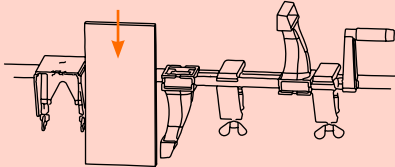
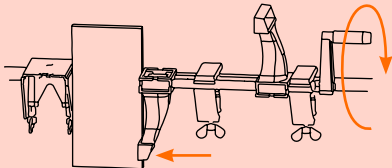
Surface Working

Step	Description	
1	Just as with the Low Jaw Grip, turn the Vice upside down and attach one clamp next to the handle of the Vice. Attach the second bench clamp between the jaws of the Vice. The moveable jaw can now be cranked in reverse.	
2	Measure the length of the work to be held. Subtract 25mm (1 Inch) and then measuring from the end of the Vice's guide bars, mount the End Stop to the Workbench. Just like the guide bars, the 6.5mm (1/4 Inch) lip on either side of the End Stop is flush with the work surface.	
3	Rest one end of the work flush against the lip of the End Stop and rest the other end on the guide bars of the Vice. Slide the moving jaw shut against the work, and then tighten the Vice using just thumb and finger pressure.	

Using Extra Pair of Hands™

Edge Working

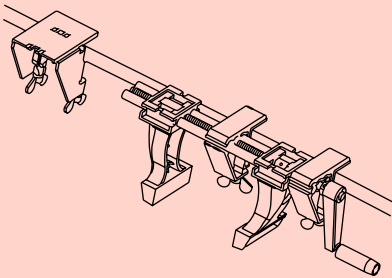
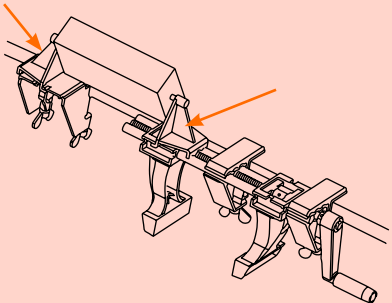
In this position, it is easier to hold long workpieces for planing, sanding, drilling or mortising the edge of the piece.

Step	Description	
1	Assemble as for surface working, except slide the moving jaw completely off the Vice and reverse it.	
2	Measure the length of the workpiece from this point and attach the End Stop to the workbench at the correct distance.	
3	Position the work flat against the side of the workbench, with one end of the workpiece against the side wall of the End Stop.	
4	Slide the moving jaw shut against the work, and then tighten the Vice using just thumb and finger pressure.	

Using Extra Pair of Hands™

Turning Centres

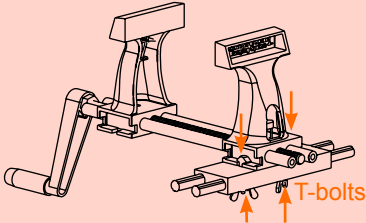
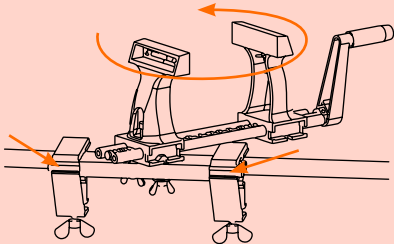
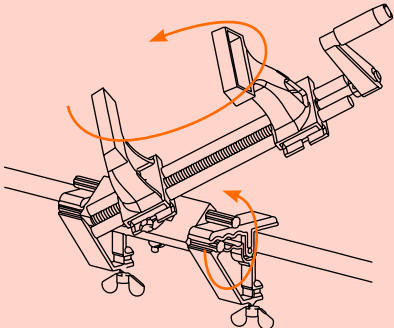
The Turning Centres are designed to grip unusual shapes that would be crushed in the flat-faced jaws of a conventional bench vice. Workpieces such as a chair leg, tool handle or gunstock can be securely gripped end-to-end for carving, chiselling, gluing, sanding, painting and much more, without crushing the work.

Step	Description	
1	Mount the Vice and the End Stop to the workbench as with the Flush End Stop (see Flush End Stop).	
2	Insert the Turning Centres into the slots on the underside of the moving jaw and on the top of the End Stop. Slide the moving jaw shut against the workpiece, and then tighten the Vice using just thumb and finger pressure.	

Using Extra Pair of Hands™

Turntable

When you find a workpiece that is too clumsy or too delicate to keep putting it in and out of the Vice the Turntable will allow you to rotate or pitch the Vice without removing the workpiece.

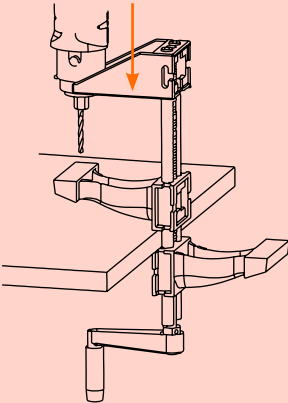
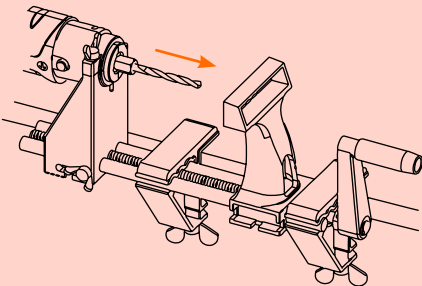
Step	Description	
1	Attach the Vice to the Turntable using the T-bolts.	 A line drawing of the Extra Pair of Hands turntable assembly. Two orange arrows point to the T-bolts on the underside of the turntable, which are used to attach the vice. The label 'T-bolts' is written in orange.
2	Using the Bench Clamps, the Turntable can then be mounted to the workbench in one of several positions e.g over the top of the bench, pitched at a 45° angle to the workbench, and locked at 90° to the workbench.	 A line drawing showing the turntable assembly mounted to a workbench. Two orange arrows point to the bench clamps. A curved orange arrow indicates the turntable can be rotated. The workbench is represented by a horizontal line.
3	While attached to the Turntable and pitched on an angle, the Vice can also be rotated right or left by loosening the T-bolts underneath the Turntable. Rotate the Vice to the desired position and re-tighten the T-bolts.	 A line drawing showing the turntable assembly with the vice rotated. Two curved orange arrows indicate the rotation of the vice. The turntable is shown at an angle to the workbench.

Using Extra Pair of Hands™

Drill Holder

Even when working away from your shop the Drill Holder will allow you to mount any drill motor with an extended neck from 42mm (1.65 inches) to 43mm (1.7 inches) in diameter. The drill motor can then be used to run sanding disks, wire brushes, buffing wheels, drills and more.

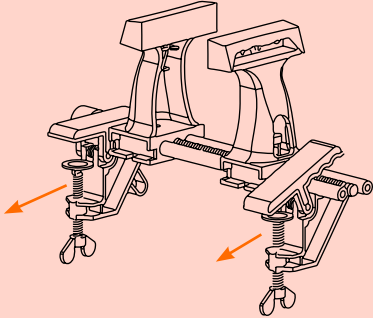
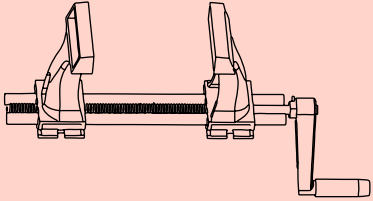
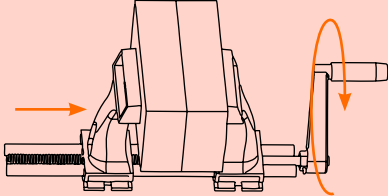
Portable Mini-Drill Press

Description	
<p>Arrangement 1</p> <p>Mount the Vice to the workbench in a vertical position for vertical drilling or mount the Vice to an independent vertical brace for larger work, and use the handle of the drill motor to raise and lower the press.</p>	
<p>Arrangement 2</p> <p>Mount the Vice to the workbench in a horizontal position for horizontal drilling or mount the Vice to an independent horizontal brace for larger work, and use the handle of the drill motor to move the press in and out horizontally.</p>	

Using Extra Pair of Hands™

C Clamp or Glue Press

The Vice can be used by itself as a C Clamp or Glue Press. When the Jaws are fully extended you have 228mm (9 Inches) to work with and a flat 100mm (4 inches) grip on either jaw.

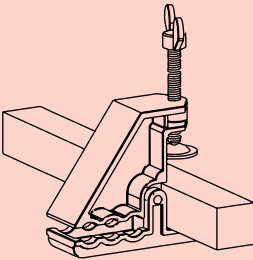
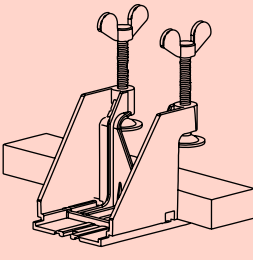
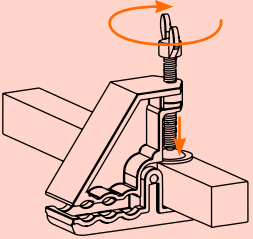
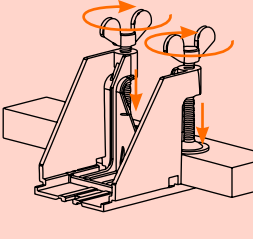
Step	Description	
1	Remove the Bench Clamps.	
2	What remains is a C Clamp or Glue Press	
3	Slide the moving jaw shut against the workpiece and tighten in place.	

Using Extra Pair of Hands™

Bench Clamp

The Bench Clamps and the End Stops are actually mini-C clamps that open up to firmly grip a full 50mm (2 Inches).

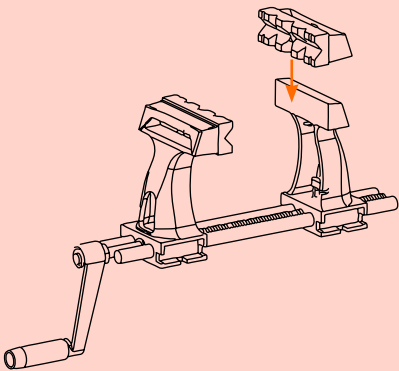
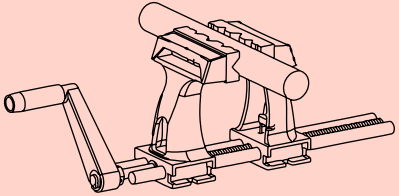
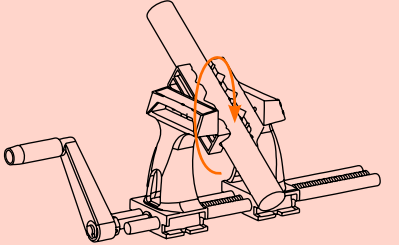
The Bench Clamps can also be used to hold round stock such as water pipe or dowel up to 25mm (1 inch) in diameter.

Step	Description	Bench Clamp	End Stop
1	Insert the workpiece between the End Stop or Bench Clamp.		
2	Tighten the clamp to secure.		

Using Extra Pair of Hands™

Tube Clamping Jaws

These are designed to hold round or tubular items. They are also designed to swivel so that you can hold two pieces simultaneously, e.g. for gluing together dowelling joints.

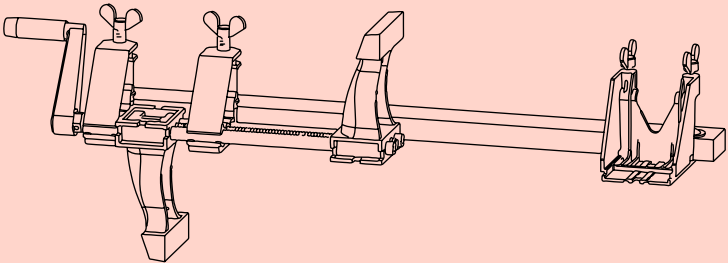
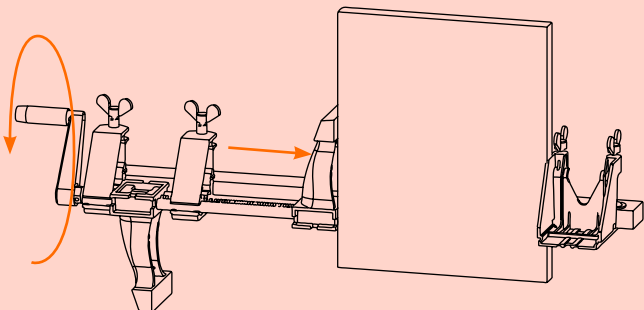
Step	Description	
1	Slot Tube Clamping Jaws onto the fixed Vice Jaw.	
2	Insert and clamp workpiece.	
3	Swivel jaws if required to achieve different angles.	

Using Extra Pair of Hands™

Sash Clamp

Similar to the Flush End Stop (Edge Working), but the Vice and End Stop are mounted onto a 50mm x 50mm (2x2 Inch) or 50mm x 100mm (2x4 inch) length of wood or metal to create a giant bar clamp, sash clamp or press of whatever length you require. This is useful for edge planing doors and window frames, as well as gripping partly assembled cupboards, shelves and drawers.

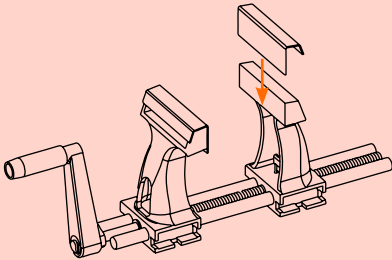
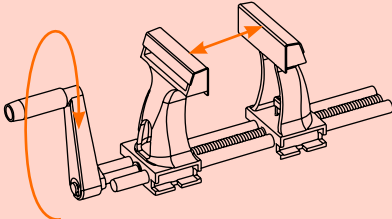
You can work vertically or at 45° so mitres and bevels can be planed in the correct position.

Step	Description	
1	Mount the Vice and End Stop onto a length of wood or metal.	
2	Slide the fixed jaw up to the workpiece and tighten in place.	

Using Extra Pair of Hands™

Metal Jaws

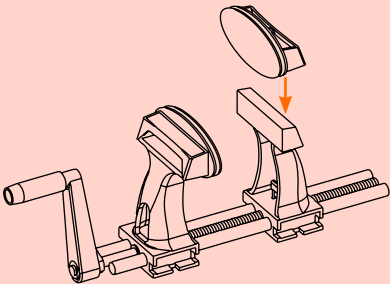
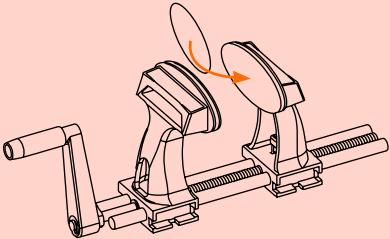
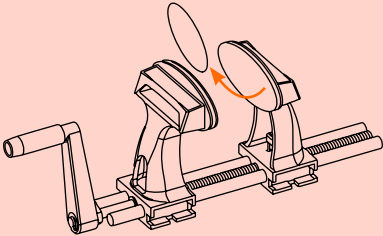
Use the Metal Jaws for light metal work to protect the faces of the Vice Jaws from gouging or scratching.

Step	Description	
1	Press the Metal Jaws over the fixed Vice Jaw.	
2	Slide the moving jaw shut against the workpiece and tighten in place.	

Using Extra Pair of Hands™

Mounting Pad Assembly

The Mounting Pad Assembly is used for attaching the various jaw attachments to the Extra Pair of Hands™ Vice Jaws.

Step	Description	
1	Press the Mounting Pad Assembly over the fixed Vice Jaw.	
2	Stick the Velcro pad of choice to the Mounting Pad.	
3	Tear off the Velcro pad and attach a different pad if required.	

Using Extra Pair of Hands™

Neoprene Pads

Use for clamping unusual shaped or fragile objects.
Ideal for highly polished surfaces and a non-marking seat grip.

Cork Pads

Use for soft and delicate items, good gripping surface and is non-marking.

Sandpaper Pads

Use for sanding and gripping objects.

Sure Grip EVA Pads

Use for clamping unusual shaped or fragile objects.

Nylon Weave Polishing Pads

Use for polishing.

Leather Pads

Use for Jewellery.
Excellent grip for wood pieces, and is non-marking.

Warranty

Lifetime limited replacement warranty statement

If your product becomes defective due to faulty material or workmanship, we warrant to do the following:

- For New Zealand Consumers: We will replace the product with a new product, free of charge, or repair the product at our cost, at our discretion.
- For Australian Consumers: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Your warranty is subject to the following conditions:

- The item has not been misused, abused, neglected, altered, modified or repaired by anyone.
- The item has been subjected to fair wear and tear.
- The item has not been used for trade, professional or hire purposes.
- The item has not sustained damage through foreign objects, substances or accident.

Your warranty does not cover:

Your warranty is subject to the following conditions:

- Components that are subject to natural wear and tear caused by normal use in accordance with operating instructions.
- Unauthorised/improper maintenance/handling or overload is excluded from this warranty.
- For guarantee claims, you will need to submit a proof of purchase in the form of a valid receipt that displays date and place of purchase.

This warranty does not replace but is in addition to your statutory rights.

This warranty does not apply to accessories supplied with the tool.

This warranty applies only to the original purchaser and may not be transferred.

Replacement tools will be covered by the limited warranty for the balance of the warranty period from the date of the original purchase.

Please note: Only the defective product or parts returned to place of purchase will be replaced under this warranty.

Australia Contact

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