

# H20002

## *Fixed Drill Press*



**AXMINSTER**  
POWER TOOL CENTRE

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POWER TOOL CENTRE



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## Notes

## What's in the Box

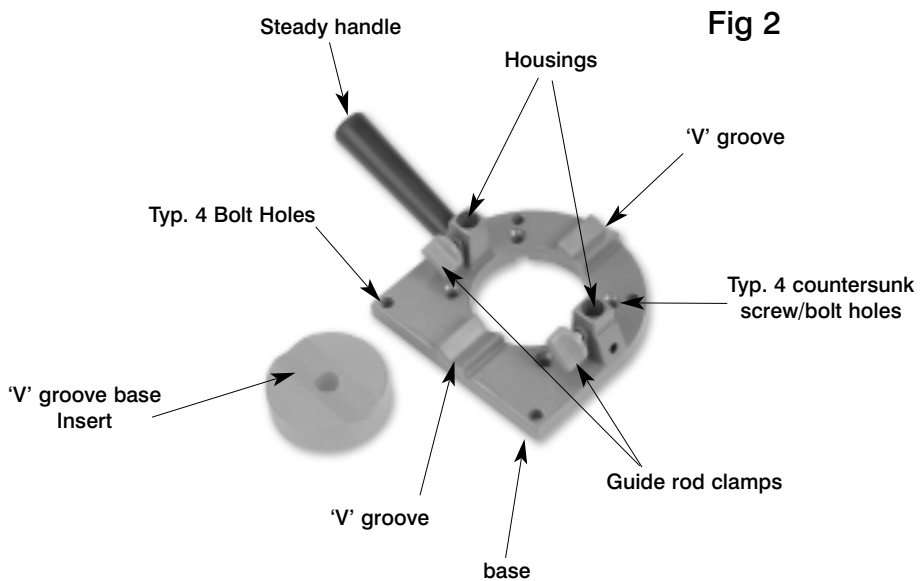
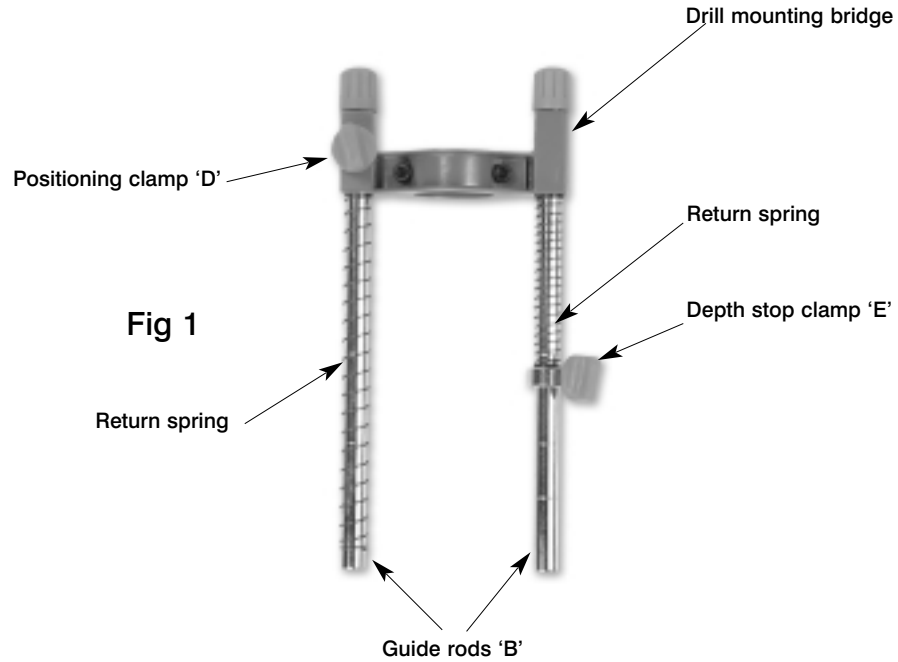
Quantity	Item	Model Number
1 No.	Drill mounting bridge with positioning clamp	Model No. H20002
2 No.	Guide rods	May be partially assembled if not, assemble as in (fig 1)
1 No.	Depth stop clamp	
2 No.	Return springs	
1 No.	Base with guide rod clamps	May be partially assembled if not, assemble as in (fig 2)
1 No.	V grooved base insert	
1 No.	Side steady handle	
1 No.	Instruction Manual	
1 No.	Guarantee Card	

Having unpacked your drill guide and its accessories please dispose of any unwanted packaging properly.  
The packaging is biodegradable.

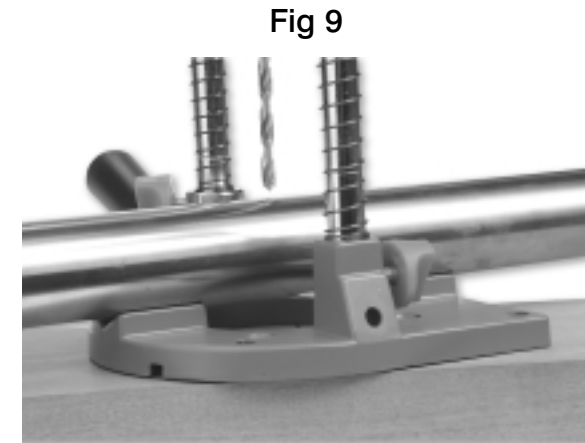
## Tool Specifications

Axminster no:	H20002.	Rated	Hobby/Light Trade
Max Plunge Depth (with Depth stop clamp fitted)			125mm
Max Plunge Depth (with Depth stop clamp removed)			135mm
Base plate Circumference to Flat	145mm	Base plate across the Flats	145mm
Overall Height	275mm		
Overall Width (with side steady handle fitted)			240mm
Weight			1.1 Kgs
Approximate clamping diameter of Drill Mount			42/43mm

Please read the Instruction Manual prior to using your new tool; as well as the operating procedures for your new tool, there are numerous hints and tips to help you to use the tool safely and to maintain its efficiency and prolong its life. Keep this Instruction Manual readily accessible for any others who may also be required to use the tool.

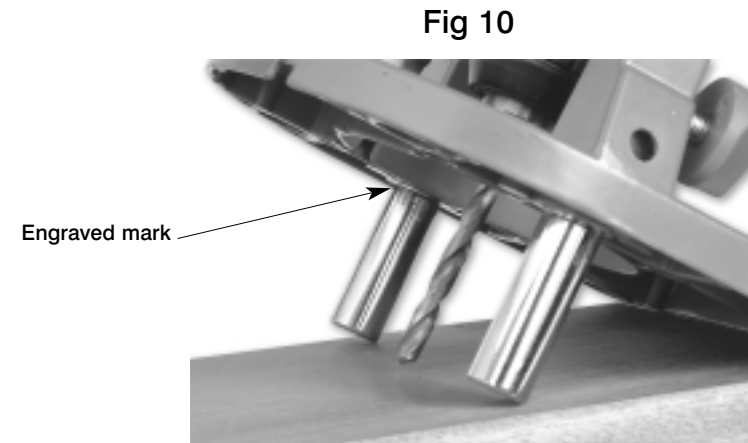


Drilling bar, tube or rod



Lay the workpiece across the 'Vee' guides in the base, clamp in position and drill. If the work piece is liable to flex during the drilling operation, insert the 'V' grooved insert into the base to support the work.

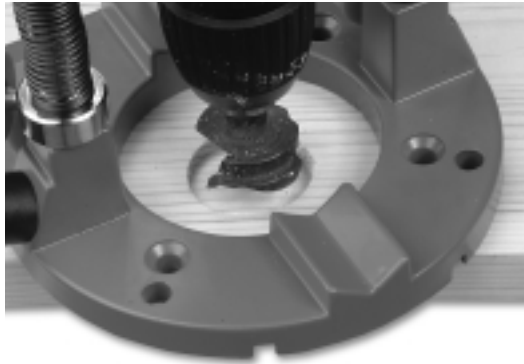
Drilling at Angles



There are 3 set measurements marked on the guide rods that will enable you to tilt the drill press over to 30, 45 and 60 degree angles. These marks should be set level with the UNDERSIDE of the base.

**(Other angles can be set using a bevel gauge or template. Ensure the guide rods are firmly locked in position before carrying out drilling operations).**

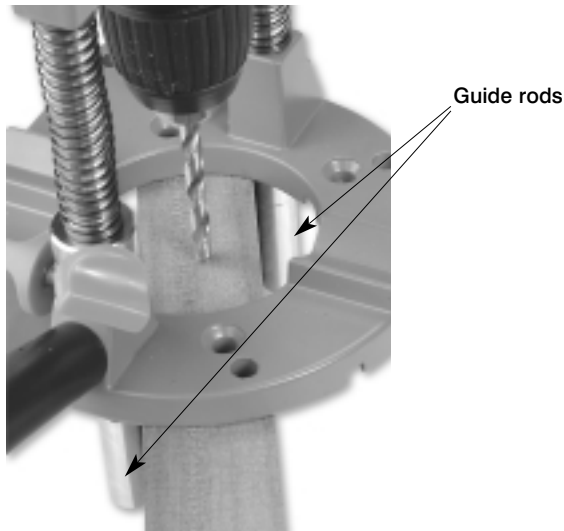
**Fig 7**



**Drilling holes for door hinges**

**Fig 8**

**Centre Drilling edges**



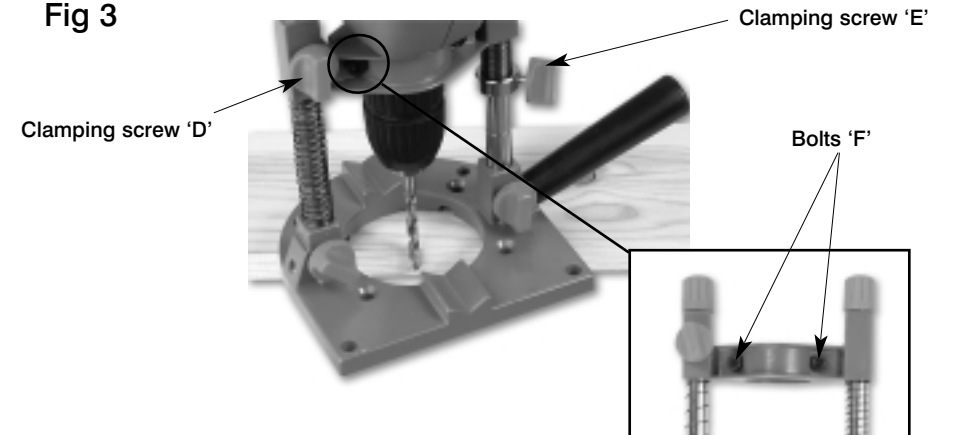
Extend the guide rods below the base and clamp in position, straddle the edge of the work piece and turn the base so that the guide rods are pressed against the opposite sides of the work piece, hold in position and drill

Stand the base on a flat surface, fit the two guide rods (B) into the two housings on either side of the base, making sure the return springs and the depth stop clamp remain on the rods, and clamp in position using the guide rod clamps. Ensure that the drill mounting bridge positioning clamp (D) and the depth stop clamp (E) are slackened off, and check the operation of the assembly by depressing the drill mounting bridge several times by hand, and ensuring that the rise and fall of the mounting is smooth and unhindered. Inspect the 'V' grooved base insert and check that there is no 'flashing' on the underside of the moulding that would prevent the insert sitting flat on the work surface. If there is, carefully pare off the 'flashing' with a sharp knife or gently rub the insert over a piece of abrasive paper (laid flat on the work surface) until all traces of the 'flashing' have been removed.

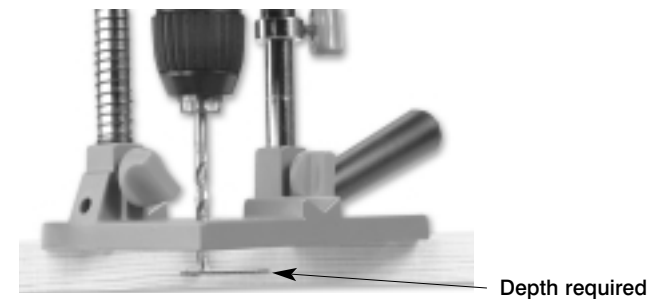
N.B There are 2 sets of 4 No. holes ( 4 Bolt holes, 4 Countersunk Screw/Bolt holes) in the base of the device to allow the drill press to be fixed or held in position. Where possible, it is recommended that the device and the work piece are always held securely during drilling operations.

The side steady handle can be fixed on either side of the device, as required.

**Fig 3**



**Fig 4**



## General Instructions for mains powered tools

### Good Working Practices/ Safety

The following suggestions will enable you to observe good working practices, keep yourself and fellow workers safe and maintain your tools and equipment in good working order.



**WARNING!! KEEP TOOLS AND EQUIPMENT OUT OF THE REACH OF YOUNG CHILDREN**

### Mains Powered Tools

#### Primary Precautions

These tools are supplied with a moulded 13 Amp. Plug and 3 core power cable. Before using the tool inspect the cable and the plug to make sure that neither are damaged. If any damage is visible have the tool inspected/repaired by a suitably qualified person. If it is necessary to replace the plug, it is preferable to use an 'unbreakable' type that will resist damage on site. Only use a 13 Amp. plug, and make sure the cable clamp is tightened securely. Fuse as required. If extension leads are to be used, carry out the same safety checks on them, and ensure that they are correctly rated to safely supply the current that is required for your machine/tool.

#### Work Place/Environment

Always carry the tool in its carrying case. If the case is not available do not carry the machine with a cutter, blade or drill fitted and protruding below the base.

The machines are not designed for sub-aqua operation, do not use when or where they are liable to get soaking wet. If machines are set up in the open, and it starts to rain (unusual though this would be in U.K.), cover them up or move them into the dry. If machines have gotten wet; dry them off as soon as possible, with a cloth or paper towel. Do not use 230V a.c. powered machines anywhere within the site area that is flooded or puddled, and do not trail extension cables across wet areas. Keep the machines clean; it will enable you to more easily see any damage that may have occurred. Clean the machine with a damp soapy cloth if needs be, do not use any solvents or cleaners, as these may cause damage to any plastic parts or to the electrical components.

**(Keep the work area as uncluttered as is practical, this includes personnel as well as material).  
Under no circumstances should CHILDREN be allowed in work areas.**

It is good practice to leave tools unplugged until work is about to commence, also make sure to unplug the tool when it is not in use, or unattended. Always disconnect by pulling on the plug body and not the cable. Once you are ready to commence work, fit the drill/cutter, and remove all tools used in the setting operations (if any) and place safely out of the way.

**Make sure you are comfortable before you start work, balanced, not reaching etc.**

If the work you are carrying out is liable to generate flying grit, dust or chips, wear the appropriate safety clothing, goggles, gloves, masks etc. If the work operation appears to be excessively noisy, wear ear-defenders. If you wear your hair in a long style, wearing a cap, safety helmet, hairnet, even a sweatband, will minimise the possibility of your hair being caught up in the rotating parts of the tool, likewise, consideration should be given to the removal of rings and wristwatches, if these are liable to be a 'snag' hazard.

**Do not work with cutting tools of any description if you are tired, your attention is wandering or you are being subjected to distraction. A deep cut, a lost fingertip or worse; is not worth it!**

Do not use the tools within the designated safety areas of flammable liquid stores or in areas where there may be volatile gases. There are very expensive, very specialised machines for working in these areas. Check that drills/cutters are undamaged and are kept clean and sharp, this will maintain their operating performance and lessen the loading on the tool.

Above all, **OBSERVE....** make sure you know what is happening around you, and **USE YOUR COMMON SENSE.**

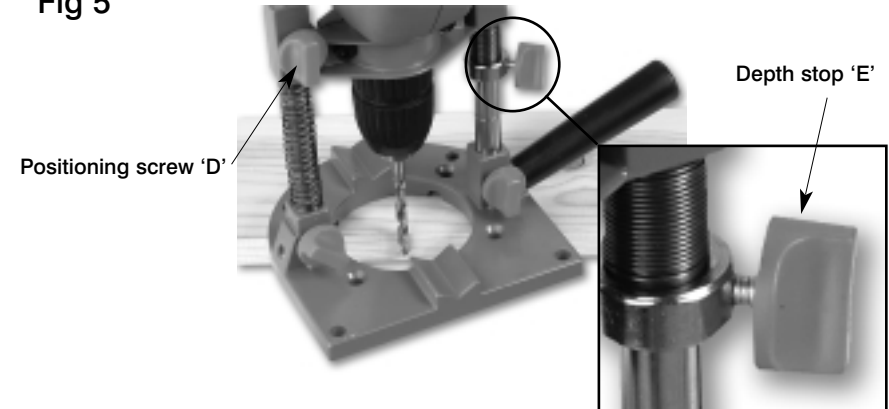
## Using the Drill Press

Ensure that the drill is disconnected from the power supply. Clamp the drill into the Drill Mounting Bridge by loosening the two bolts F (see fig. 3), spreading the collar and inserting the drill. Re-tighten the two bolts so that the drill is gripped firmly. **DO NOT OVERTIGHTEN.**

### Adjusting the Drilling Depth

1. Fit the drill bit into the chuck and tighten, if possible make sure the drill is seated against the inside bottom of the chuck (if the drill 'slips' in the chuck during operation it will not affect the set depth).
2. Position the drill press near the edge of the work bench? so that the drill bit is able to be pushed below the base of the device. (see Fig. 3)
3. Push the drill downwards until the desired depth is reached. (see Fig. 4)
4. Clamp the drill mounting in this position using the clamping screw 'D'
5. Push the depth stop collar up the guide rod until the return spring is completely compressed and hold in position by fastening the depth stop clamping screw. (see Fig.5) E
6. Loosen the drill mounting clamping screw 'D' and commence operations.

Fig 5



### Maintaining the Drill at Right Angle whilst drilling into walls and ceilings

Fig 6

