

EN

Original Instructions
Version 1

DRAPER[®]

VERTICAL
**DRILL
STAND**

54488



UK
CA **CE**

These are the original product instructions. This document is part of the product; retain it for the life of the product, passing it on to subsequent holders. Read this manual in full before attempting to assemble, operate or maintain this product.

This Draper Tools manual describes the purpose of the product and contains all the necessary information to ensure its correct and safe use. Following all the instructions and guidance in this manual will ensure the safety of both the product and the operator and increase the lifespan of the product.

All photographs and drawings within this manual are supplied by Draper Tools to help illustrate correct operation of the product.

Every effort has been made to ensure the information contained in this manual is accurate. However, Draper Tools reserves the right to amend this document without prior warning. Always use the latest version of the product manual.

1.1 Product Reference

User Manual for: Vertical Drill Stand

Stock No: 54488

Part No: DS1

1.2 Revisions

Version 1: February 2024

First release

As our manuals are continually updated, always ensure that the latest version is used.

Please visit drapertools.com/manuals for the latest version of this manual and the associated parts list, if applicable.

1.3 Understanding the Safety Content of This Manual



WARNING! – Situations or actions that may result in personal injury or death.



CAUTION! – Situations or actions that may result in damage to the product or surroundings.

Important: – Information or instructions of particular importance.

1.4 Copyright © Notice

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3. Product Introduction

3.1 Intended Use

This vertical stand is designed for use with handheld electric drills with collar diameters of 43mm or 38mm to support while drilling.

Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

Read this manual in full before attempting to assemble, operate or maintain the product and retain it for later use.

3.2 Specification

| | |
|---------------------------|-------------|
| Stock No. | 54488 |
| Part No. | DS1 |
| Net Weight | 6.2kg |
| Cast Iron Base Dimensions | 170 X 240mm |
| Height | 540mm |
| Drill Collar Diameter | 38 – 43mm |
| Leverage Ratio | 5:1 |
| Depth of Feed | 0 – 63mm |

Important: Read all the Health and Safety instructions before attempting to operate, maintain or repair this product. Failure to follow these instructions may result in injury or damage to the user, the product or the tool being used.

4.1 General Health and Safety Precautions



CAUTION! NEVER USE WITH A DRILL IN 'HAMMER' MODE.

- **ONLY** use the stand on a flat level, unobstructed surface.
- The stand **MUST** be fixed to a surface capable of supporting the weight of the stand, drill and workpiece.
- **ALWAYS** ensure that you understand the application, limitations and potential hazards relating to the tool you are using. Read and familiarise yourself with all operating instructions.
- **ALWAYS** wear eye protection and protective gloves when drilling.
- **DO NOT** wear loose clothing or jewellery. **ALWAYS** take care to keep your hands, hair and clothing away from the chuck of the drill and any other moving parts.
- Before each use check for damage and ensure that the stand and tool will operate correctly. **DO NOT** use if any parts are damaged or missing.
- Any repairs or replacement of damaged parts must be carried out by a qualified repair person using spare parts recommended by Draper Tools.
- **ALWAYS** ensure that the working area is well lit and free from obstructions.
- Keep children and bystanders away from the work area when operating the power tool – distractions can cause a loss of control and accidents.
- Care must be taken when handling and lifting – dropping the stand may result in damage to the product or personal injury.

4.2 Residual Risk

- The safety instructions in this manual cannot account for all possible conditions and situations that may occur. Exercise common sense and caution when using this product and protect against any additional conceivable risks.

4.2 Explanation of Symbols



Read the instruction manual



Wear face mask and safety glasses



Wear protective gloves

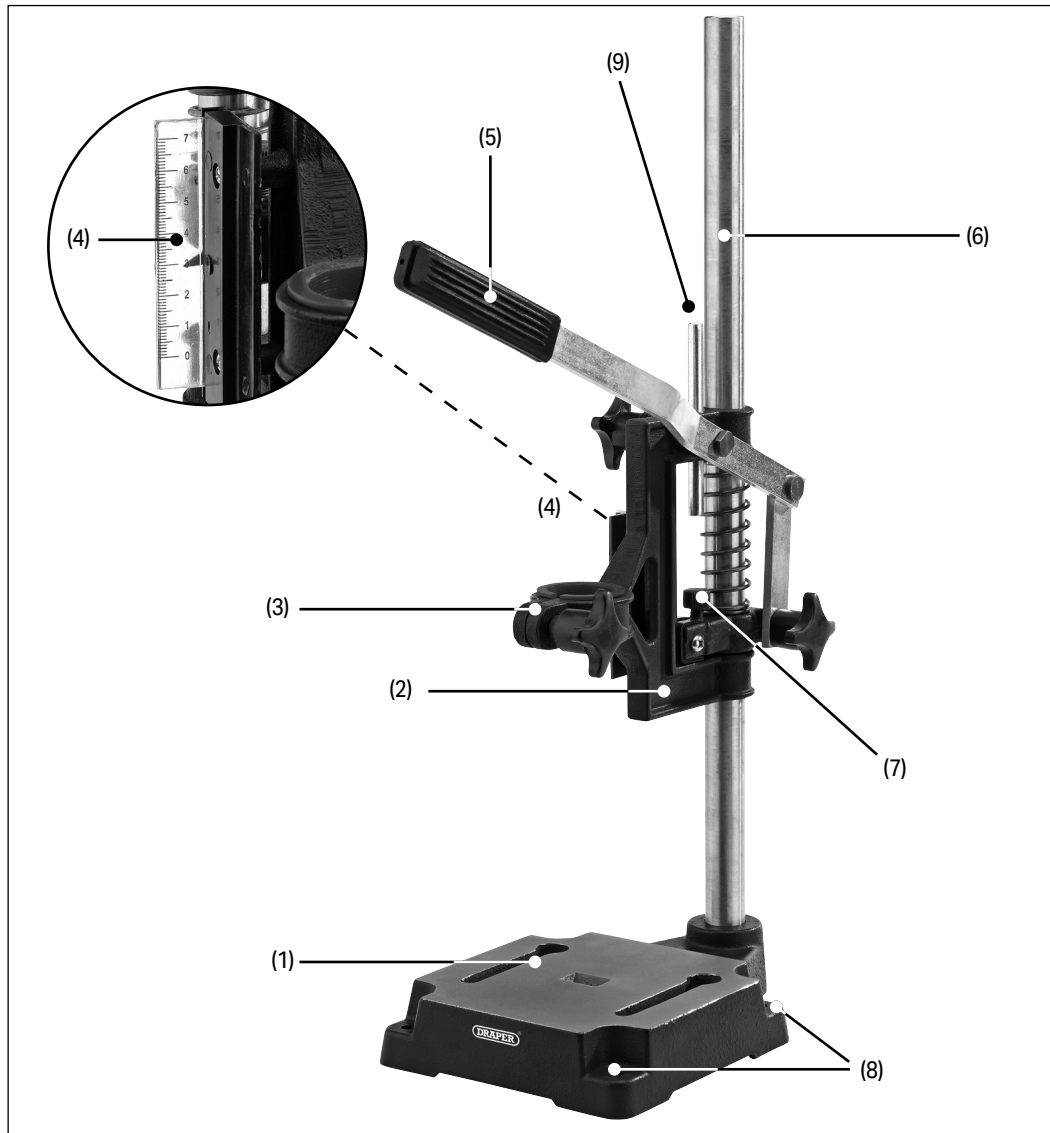


Keep out of the reach of children



Warning!

5.1 Product Overview



(1) Base

(2) Head assembly

(3) Drill collar

(4) Depth scale ruler

(5) Handle

(6) Solid bar column

(7) Depth stop

(8) Mounting holes X 4

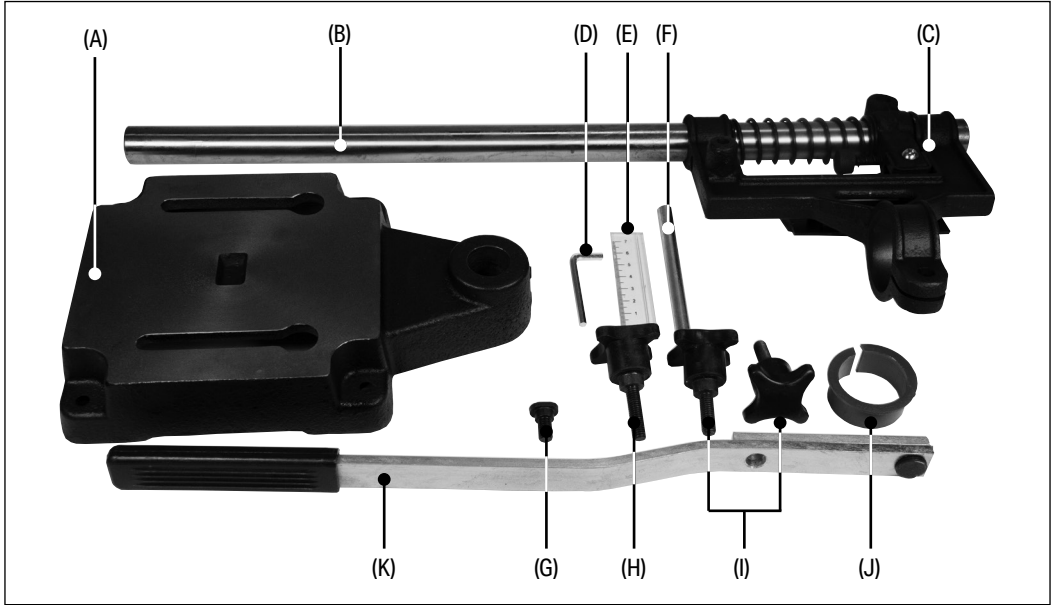
(9) Depth stop rod

5. Identification and Unpacking

5.2 What's in the Box?

Carefully remove the product from the packaging and examine it for any signs of damage that may have occurred during shipment.

Before assembling the product, lay the contents out and check them against the parts shown below. If any part is damaged or missing, do not attempt to use the product. Please contact the Draper Helpline; contact details can be found at the back of this manual.



- (A) 1 x Base
- (B) 1 x Column
- (C) 1 X Head assembly
- (D) 1 X Hex key
- (E) 1 X Depth scale ruler
- (F) 1 X Depth stop rod
- (G) 1 X bolt
- (H) 1 X Handle Knob (longer screw thread)
- (I) 2 X knobs
 - (I1) Knob (depth adjustment)
 - (I2) Knob (drill collar)
- (J) 38mm collar reducer
- (K) Handle

5.3 Packaging

Keep the product packaging for the duration of the warranty period for reference should the product need to be returned for repair.

WARNING! Keep packaging materials out of reach of children. Dispose of packaging correctly and responsibly and in accordance with local regulations.

Please visit drapertools.com for our full range of accessories and consumables.

6. Preparation Instructions

Important: Before preparing or adjusting this product, read and understand all the safety instructions listed in this manual.

6.1 Assembly

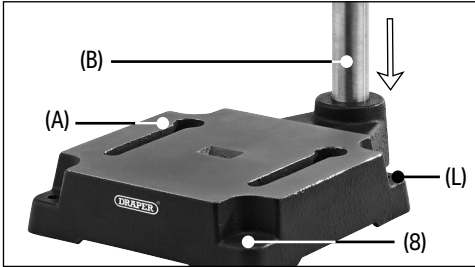


Fig. 1

1. Insert the solid bar column (B) into the base (A) – tighten the two grub screws (L) on the base with the hex key (D) supplied. (Fig.1)
- **Important:** Ensure that the stand is fixed to the worksurface with suitable bolts (not supplied) using the four mounting holes (8) in the base.

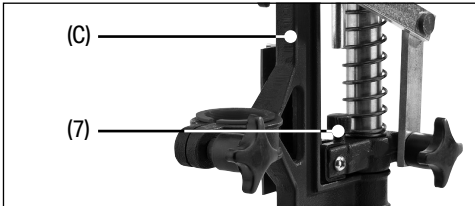


Fig. 2

2. Ensure that the head assembly (C) is attached to the column bar the correct way round – the depth stop (7) should be positioned at the bottom of the head assembly. (Fig.2)

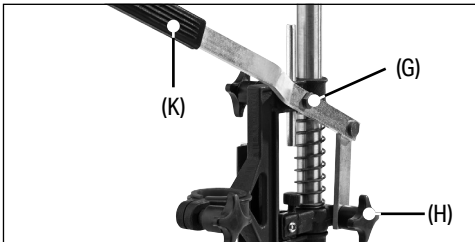


Fig. 3

3. Attach and secure the leverage handle (K) with the bolt (G) and the handle knob (H). (Fig 3)

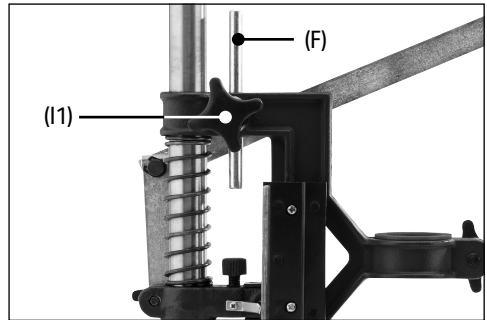


Fig. 4

4. Insert the depth rod (F) and secure in position with knob (I1). (Fig.4)

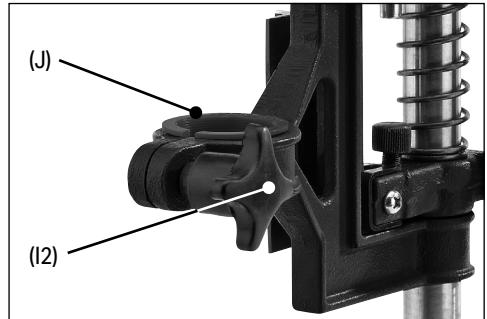


Fig. 5

5. Attach the drill knob (I2) and turn to lock in place. Once tightened this will hold the drill in place during operation. Fit the collar reducer (J) into the drill collar (3) if required. (Fig. 5)

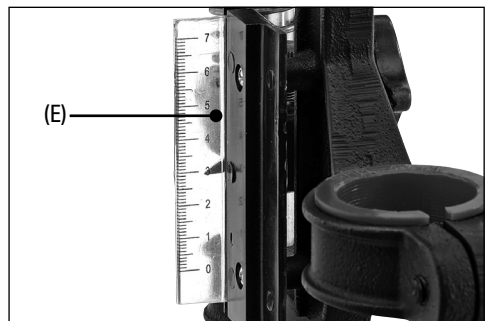


Fig. 6

6. Slide the depth scale ruler (E) into the slot. (Fig.6)
7. The drill stand is now ready to use.

Important: Before operating this product, read and understand all the safety instructions listed in this manual and refer to the drill manufacturer's safety and usage instructions. Ensure that the product is fully assembled and correctly prepared for use (Refer to section 6.1).

7.1 Fitting a Drill

- The drill stand is suitable for use with 38mm and 43mm diameter drills.

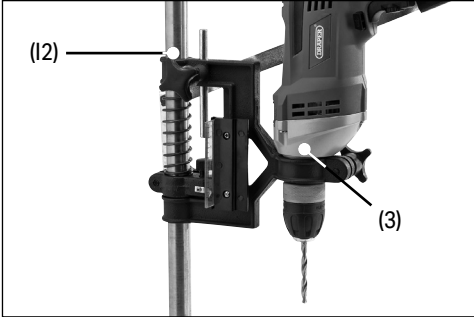


Fig. 7

1. Insert your drill into the collar (3) and tighten knob (12) to secure the drill in place. Use the collar reducer (J) for 38mm diameter drills. (Fig.7)

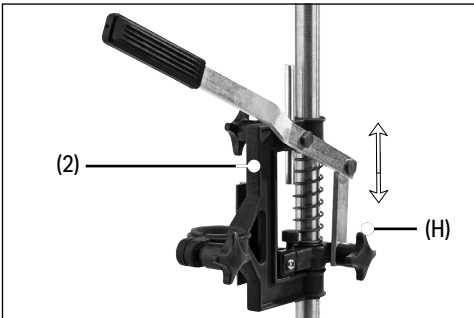


Fig. 8

2. To adjust the height, loosen the handle knob (H) and move the head assembly (2) up or down to the correct drill height and retighten the knob. (Fig.8)

7.2 Setting the Depth

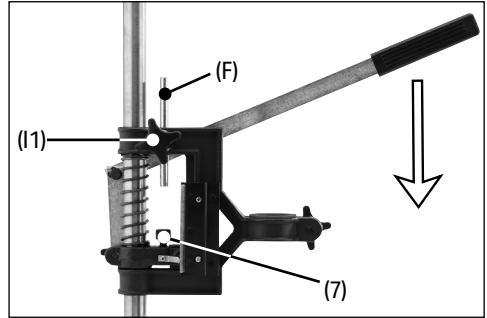


Fig. 9

1. With the drill fitted in the collar, unlock the depth adjustment knob (11) and pull the handle (5) down. (Fig.9)
 2. Check the depth ruler scale (E) and lower the handle until the required depth is set. (Fig.10)
 3. Retighten the knob and the depth rod (F) will be set to the required depth.
- The depth stop (7) can be rotated up or down to fine tune the depth setting.

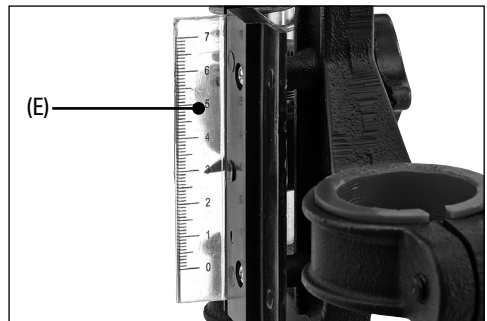


Fig. 10

7.3 Using the drill

1. Ensure the drill is fitted securely in the collar and the required depth is set.
2. Switch on the drill and use the handle to lower the drill bit until it just touches the workpiece.
 - The depth of the hole will be restricted by the depth stop height.
3. Switch off the drill as soon as drilling is finished.

8.1 General Maintenance

- Keep the stand clean and wipe over with a mild cleaner and damp cloth.
- Lubricate the column and screw threads with a light oil.
- Store the product in a clean and dry location, out of the reach of children.

9. Spares, Returns and Disposal

For spare parts, servicing, and repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent.

Draper Tools will endeavour to hold any spare parts, if applicable, for seven years from the date that it sells the final matching stock item.

Any servicing or repairs carried out by unauthorised personnel or installation of spare parts not supplied by Draper Tools will invalidate your warranty.

At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.

10. Warranty

Draper Tools products are carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, return the complete tool to your nearest distributor or contact Draper Tools directly. Contact information can be found at the back of this manual.

Proof of purchase must be provided.

If, upon inspection, it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This warranty period covers parts and labour for 12 months from the date of purchase.

This warranty does not apply to any consumable parts, batteries or normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper Tools repair agent.

Please note that this warranty is an additional benefit and does not affect your statutory rights.

Draper Tools Limited

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