

Complete video tutorial on how to operate a down-the-hole drill

What is a down-the-hole drilling method?

The video shows the down-the-hole drilling method for very hard soil or rock. A rotary drilling rig, type LB 20, working with down-the-hole hammer inside a casing. A flushing current conveys the loosened drill cuttings upwards and exits at the upper end of the casing.

How does a down-the-hole drill work?

In down-the-hole drilling a drill rod is fitted with a hammer at its lower end. The hammer, which is mounted on the drill bit, is activated through the addition of compressed air and driven into the ground - simultaneously rotating and impacting. A flushing current collects the loosened drill cuttings and conveys them upwards.

How do you drill a hole with a drill?

Mark your drilling spot: Before drilling, use a pencil or marker to mark the exact spot where you want to drill. This will help you stay on track and avoid any mistakes. **Start drilling:** Hold the drill firmly with both hands and position the tip of the drill bit on the marked spot. Start drilling slowly, applying gentle pressure.

How do you drill a hole in a drill chuck?

To achieve successful drilling, practice proper drilling technique. Ensure the drill bit is securely tightened in the drill chuck, hold the drill firmly, and apply steady pressure while drilling. Use a cutting fluid or lubricant when drilling metal to prevent overheating and increase drilling efficiency.

How do you drill a hole in concrete?

Position the drill bit at a slight angle to start a pilot hole. Gradually increase the pressure and straighten the drill until it is vertical, and continue drilling until you reach the desired depth. **Example 2:** If you are drilling into a masonry surface, such as concrete or brick, you will need a different approach.

How do you drill a hole in wood?

Place the piece of wood on a work surface that can be damaged when the bit passes through the workpiece. This is often a piece of scrap wood. Secure the workpiece with a clamp or sufficient hand pressure. Place the point of the drill bit on the mark. Push the drill slightly to create a small dent to help drill in the right spot.

A drill press is an essential tool for any woodworker or metalworker. It is a machine that helps drill holes accurately and with ...

1. **Preparation** Equipment inspection: Before starting, check that all components of the down-the-hole drill are in good condition, particularly essential parts...

I brought it all the way back to the beginning by explaining how to use an electric drill-- probably one of the



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first "power tools" most people will use.

#milwaukee #cordlessdrill #milwaukeetools Milwaukee m12 Cordless Drill: <https://amzn.to/3wLdSED>
Charger: <https://amzn.to/3dHcf4h> In this video, I show you how to ...

With the vast array of features and attachments available, many users may find it challenging to harness the full potential of their tool. One of the most effective ways to learn is ...

This video teaches you how to drill holes on a CNC router using peck drilling and spiral drilling. Plunge drilling on a CNC router is not recommended unless you have an up-cutting router bit with ...

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#milwaukee #cordlessdrill #milwaukeetools Milwaukee m12 Cordless Drill: <https://amzn.to/3wLdSED>
Charger: <https://amzn.to/3dHcf4h> In this video, I show you how to use the Milwaukee m12 cordless ...

In this video, you'll learn: How to select the right drill bit for different surfaces (wood, metal, concrete, etc.) Step-by-step instructions for drilling through holes with precision ...

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Learn how to use a drill for beginners in our comprehensive guide. Discover everything from choosing the right drill to proper drilling techniques ...

Whether you're new to the drill press or just need a refresher course, WOOD magazine's Craig Ruegsegger covers the basic operation of this machine. Learn the proper technique to using this tool ...

Learn how to use the Drill Doctor to sharpen dull drill bits fast and easy. This expert-backed guide covers setup, usage, maintenance, and results--perfect for DIYers and ...

In this video, you'll learn: How to select the right drill bit for different surfaces (wood, metal, concrete, etc.) Step-by-step instructions for drilling through holes with precision Tips for ...

Take on your next project with confidence when you learn how to use a drill the right way. We'll show you how to use your drill, teach you about power drill parts and show you the difference ...

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In this video I show you how to set setup a drill press and the basic use of a drill press. The drill press could be considered one of the most versatile tools int he workshop with all the ...

Discover how to expertly harness the power of a drill press with this detailed guide. Learn about essential setup steps, choosing the correct drill bit, adjusting speed and depth ...

The DeWalt 20V Brushless Drill is one of the most reliable and versatile tools in the market. This power-packed drill is perfect for both DIY enthusiasts and professional builders, ...

Digging a hole with a drill isn't as simple as it may seem. You need to understand the different types of drills, the right drill bits for the job, and safety precautions to avoid costly ...

When it comes to drilling techniques, down the hole drilling has been gaining popularity for its efficiency and precision. This method involves using a ...

In this video, I'll be showing you how to use a drill press. This tutorial is intended for new users who want to learn how to operate a drill press.

Here is a simple run down on how to use a drill. I don't get into everything on this tutorial but I do tell you the different names and functions of the components and also how to change out a ...

In this 3D animation, we demonstrate how to use a cordless drill and take a close look at the internal mechanism to understand how it works. Cordless drills are among the most common ...

HQ, NQ Wireline Coring Drill Assembly Tutorial.How to Assemble a Complete HQ Wireline Coring Tool.BQ, HQ, NQ, PQ, SQ drilling tools.

In this 3D animation, we demonstrate how to use a cordless drill and take a close look at the internal mechanism to understand how it works. Cordless drills are among the most common and versatile ...

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This video walks you through the basics, from setup to drill bit types. Whether you're a DIY beginner or just looking to improve your skills, I'll show you how to use this essential power tool ...

If you want to learn how to effectively use a hammer drill for your DIY projects, then this complete guide is for you. It provides tips and ...



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This comprehensive guide explains how to use a drill with the right bits, proper techniques, and safety measures for every home project.

Web: <https://www.staskowachata.pl>