

Dremel 225-02

Dremel Flex Shaft Rotary Tool Attachment 225-02 Instruction Manual

Brand: Dremel | Model: 225-02

1. INTRODUCTION

The Dremel Flex Shaft Rotary Tool Attachment (Model 225-02) is designed to extend the capabilities of your compatible Dremel rotary tool, providing enhanced precision and control for intricate tasks. Its flexible 36-inch cable and comfort grip handpiece allow access to tight spaces and offer fingertip control for detailed applications such as engraving, polishing, sanding, carving, cutting, and cleaning.



Figure 1: Dremel Flex Shaft Rotary Tool Attachment, showing the handpiece, flexible cable, and drive adapter.

2. IMPORTANT SAFETY INFORMATION

Always prioritize safety when operating power tools and their attachments. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Read Main Tool Manual:** Before using this attachment, thoroughly read and understand the instruction manual for your Dremel rotary tool.
- **Disconnect Power:** Always disconnect the rotary tool from its power source (unplug or remove battery) before changing accessories, making adjustments, or performing maintenance.
- **Wear Eye Protection:** Always wear ANSI Z87.1 approved safety glasses or goggles.
- **Secure Workpiece:** Always secure your workpiece with clamps or a vise to prevent movement during operation.
- **Proper Ventilation:** Work in a well-ventilated area, especially when working with materials that produce dust or fumes.
- **Avoid Loose Clothing/Jewelry:** Keep loose clothing, jewelry, and long hair away from moving parts.
- **Use Correct Accessories:** Only use Dremel-approved accessories that are rated for the speed of your rotary tool.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Dremel Flex Shaft Attachment (with handpiece and flexible cable)
- Square Drive Nut (Drive Adapter)
- Instruction Manual (this document)

225-02

IDEAL FOR HARD TO REACH
PLACES AND FINE DETAIL WORK

INTEGRATED SHAFT
LOCK BUTTON FOR EASY
ACCESSORY CHANGES



36" FLEXIBLE CABLE

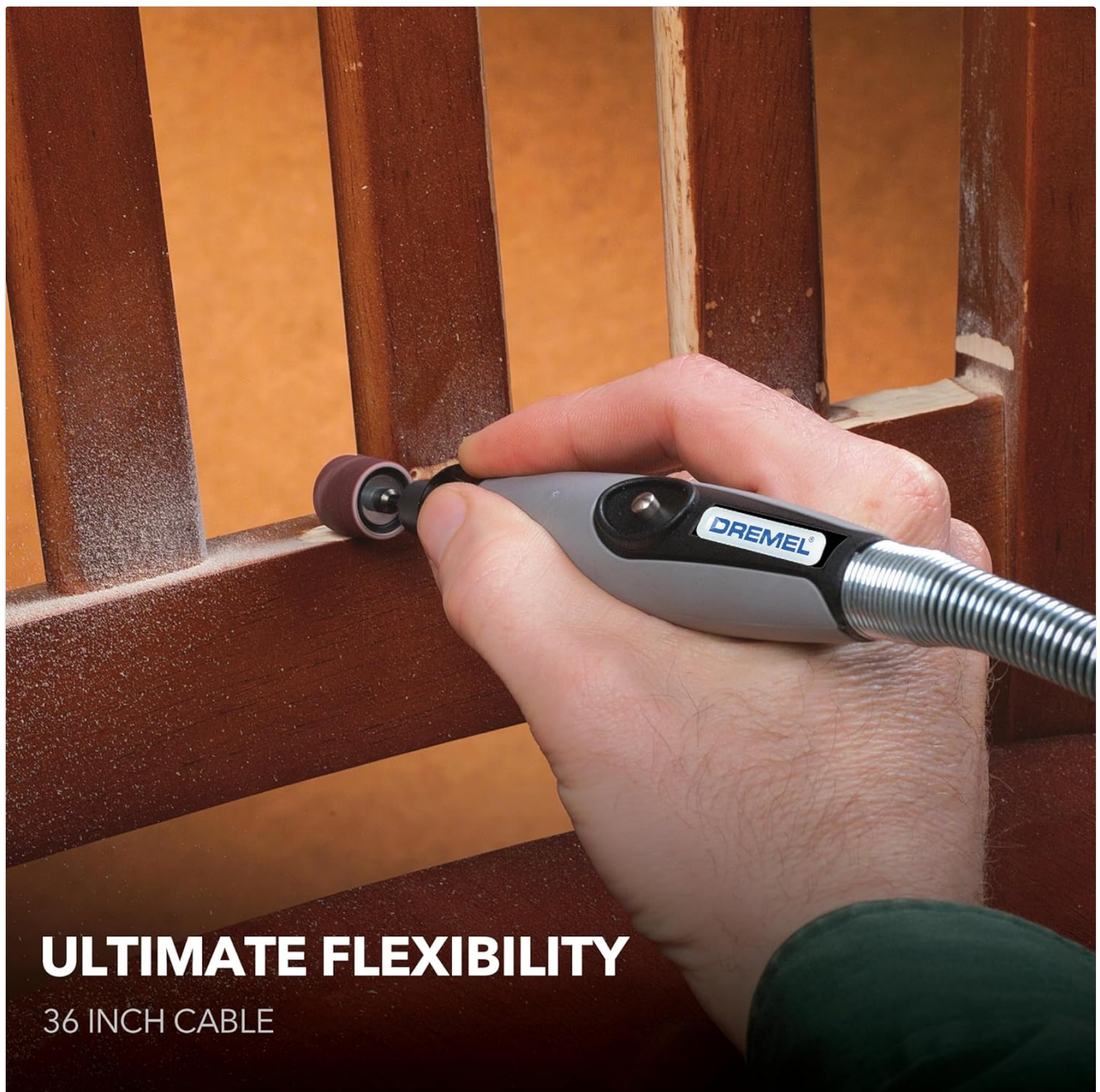
QUICK CONNECT SYSTEM
EASILY ATTACHES TO ROTARY TOOL

Figure 2: Contents of the Dremel 225-02 Flex Shaft Kit.

4. SETUP INSTRUCTIONS

Follow these steps to properly attach the Flex Shaft to your Dremel rotary tool:

1. **Prepare Rotary Tool:** Ensure your Dremel rotary tool is disconnected from its power source. Remove any existing collet nut, collet, or accessory from the rotary tool's shaft.
2. **Install Drive Adapter:** Screw the provided Square Drive Nut (Drive Adapter) onto the threaded shaft of your Dremel rotary tool. Tighten it securely by hand, then use the included wrench for a final half-turn to ensure it is firmly seated.
3. **Connect Flex Shaft:** Align the square end of the Flex Shaft's connector with the square opening of the Drive Adapter on the rotary tool. Push the Flex Shaft connector firmly onto the Drive Adapter and then screw the black plastic nut on the Flex Shaft onto the rotary tool's housing until secure.
4. **Insert Accessory into Handpiece:** Press the shaft lock button on the Flex Shaft handpiece. Insert your desired Dremel accessory (e.g., engraving bit, sanding band) into the collet of the handpiece. While holding the shaft lock button, tighten the collet nut on the handpiece using the provided wrench until the accessory is firmly secured. Release the shaft lock button.
5. **Reconnect Power:** Reconnect your Dremel rotary tool to its power source.



ULTIMATE FLEXIBILITY

36 INCH CABLE

Figure 3: Flex Shaft attachment points and features.

5. OPERATING INSTRUCTIONS

The Flex Shaft provides a pen-like grip for enhanced control and comfort during detailed work. Always start with a lower speed setting on your rotary tool and gradually increase as needed for the material and application.

- **Fingertip Control:** The slim handpiece allows for precise control, making it ideal for intricate tasks like fine engraving, delicate polishing, and detailed sanding.
- **Access Tight Spaces:** The 36-inch flexible cable enables you to reach awkward angles and confined areas that are difficult to access with the main rotary tool.
- **Versatile Applications:** Use the Flex Shaft for a wide range of applications including carving, engraving, cutting, cleaning, polishing, and sanding on various materials such as wood, metal, glass, and plastic.



**PRECISION AND CONTROL
AT YOUR FINGERTIPS**

Figure 4: Sanding with the Flex Shaft for ultimate flexibility.



Figure 5: Engraving glass with precision and control.



Figure 6: Detailed sanding on wood.

LIMITED WARRANTY*

1 YEAR



DREMEL®

* ATTACHMENT ONLY

Figure 7: Application versatility of Dremel tools.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Flex Shaft attachment.

- **Cleaning:** After each use, wipe down the exterior of the handpiece and cable with a clean, dry cloth to remove dust and debris.
- **Lubrication:** Periodically, the inner shaft of the Flex Shaft may require lubrication. Refer to your main Dremel rotary tool manual or the Flex Shaft's specific user guide for detailed instructions on how to properly lubricate the inner shaft.
- **Storage:** Store the Flex Shaft in a clean, dry place, away from extreme temperatures and direct sunlight. Avoid sharp bends or kinks in the cable during storage.
- **Inspect for Wear:** Regularly inspect the cable for any signs of wear, cracks, or damage. Check the handpiece and connectors for any looseness or damage. Replace damaged parts immediately.

7. TROUBLESHOOTING

If you encounter issues with your Dremel Flex Shaft, consider the following common troubleshooting steps:

- **Accessory Not Spinning:**

- Ensure the Flex Shaft is securely connected to the rotary tool and the drive adapter is properly installed.
- Verify that the accessory is correctly inserted into the handpiece collet and tightened.
- Check if the rotary tool itself is functioning correctly.

- **Excessive Vibration or Noise:**

- Ensure the accessory is properly seated and balanced in the collet.
- Check for any kinks or damage in the flexible cable.
- The inner shaft may require lubrication. Refer to the maintenance section.

- **Difficulty Inserting/Removing Accessories:**

- Ensure the shaft lock button on the handpiece is fully depressed when inserting or removing accessories.
- Clean the collet and collet nut to remove any debris.

For persistent issues, refer to the detailed user manual (PDF) available on the Dremel website or contact Dremel customer support.

8. SPECIFICATIONS

Feature	Detail
Manufacturer	Dremel
Part Number	225-02
Item Weight	15.8 ounces
Product Dimensions	41.47 x 41.47 x 4 inches
Item Model Number	225-02
Style	Shaft attachment
Color	Grey
Material	Rubber, Steel
Voltage	7 Volts
Cable Length	36 inches

9. WARRANTY AND SUPPORT

The Dremel Flex Shaft Rotary Tool Attachment is backed by a manufacturer's warranty. For specific warranty details, terms, and conditions, please refer to the official warranty documentation included with your product or visit the Dremel website.



DREMEL

Rotary Tool Attachment
Outil rotatif - Attachment
Adaptador de herramienta rotativa



NOT A UPC - DO NOT SCAN



4065K

DREMEL

DREMEL

Flex Shaft
Arbre flexible
Eje flexible



36" length
91,5 cm l' étendue
91,5 cm largo

5" radius
12,7 cm rayon
12,7cm radio



Detail work | Travaux de finition
Trabajo detallado



Fingertip control
Contrôle du bout des doigts
Control con la punta de los dedos

1 Drive Adapter. *Engraving bit SOLD SEPARATELY
1 adaptateur d'arbre d'entraînement. *Mèche pour graver VENDUE SÉPARÉMENT
1 Adaptador de accionamiento. *La broca grabadora SE VENDE POR SEPARADO



COMPATIBILITY INFORMATION | RENSEIGNEMENTS RELATIFS À LA COMPATIBILITÉ | INFORMACIÓN DE COMPATIBILIDAD

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Figure 8: Dremel Limited Warranty information.

For additional support, product registration, or to download the latest user guides and manuals, please visit the official Dremel website or contact their customer service department. You can also find a PDF version of the user guide [here](#) and the user manual [here](#).