

Bosch 2608901123

Bosch Professional Expert C470 Sanding Discs Instruction Manual

Model: 2608901123 (150mm, 6-Hole, Grit 220)

1. PRODUCT OVERVIEW

The Bosch Professional Expert C470 sanding discs are designed for efficient and high-speed sanding on various surfaces, particularly hard wood and painted wood. These discs feature an optimized grain distribution and a unique surface structure to enhance material removal and extend product life. This manual provides essential information for safe and effective use.

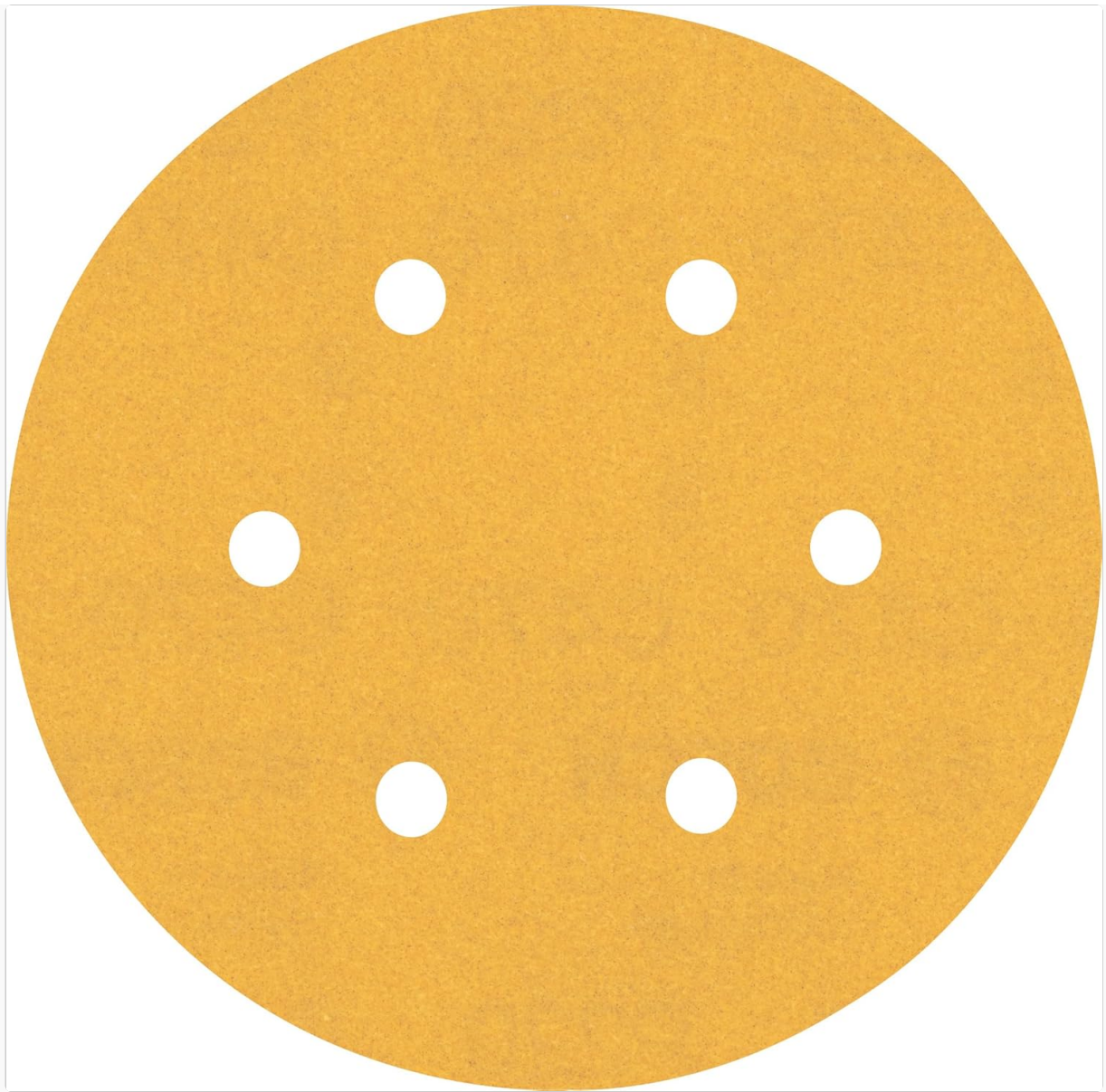


Figure 1: A single Bosch Expert C470 sanding disc, 150mm diameter, with 6 holes, in a yellow-brown color.

Key Features:

- **High Efficiency:** Up to 2 times faster material removal compared to conventional sandpaper.
- **Optimized Abrasion:** Features Bosch Surface Structure for maximum abrasion performance.
- **Versatile Application:** Suitable for rapid and effective sanding of flat surfaces, including removing old paint, smoothing, preparing, and finishing surfaces.
- **Universal Fit:** Designed for compatibility with 150mm eccentric sanders with 6-hole dust extraction systems.

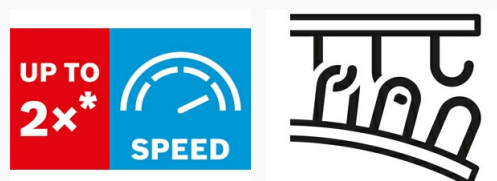


Figure 2: Icons representing 'Up to 2x Speed' and 'Surface Structure' features.

2. SPECIFICATIONS

Attribute	Value
Manufacturer	Bosch
Model Number	2608901123
Size	50 pieces
Diameter	150 mm
Grit (Style)	220 (Fine)
Hole Configuration	6 holes
Material	Paper backing, Aluminum Oxide grain
Product Dimensions	6 x 16.4 x 0.25 cm; 290 g

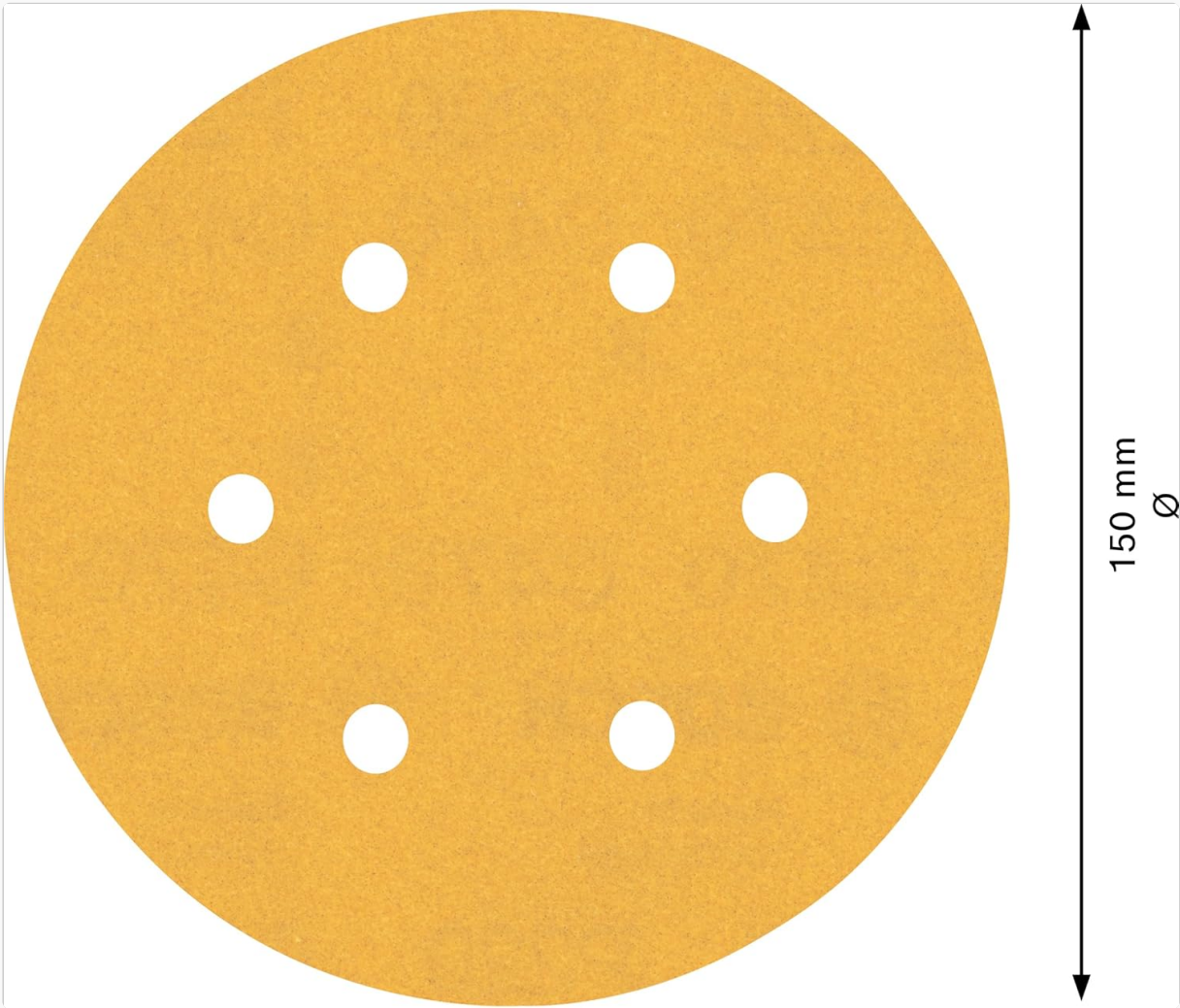


Figure 3: Bosch Expert C470 sanding disc with its 150mm diameter clearly marked.

3. SETUP AND INSTALLATION

To ensure optimal performance and dust extraction, correctly attach the sanding disc to your eccentric sander.

1. **Prepare the Sander:** Ensure your eccentric sander is unplugged and the sanding pad is clean and free from debris.

2. **Align the Disc:** Place the Bosch Expert C470 sanding disc onto the sander's pad, aligning the 6 holes on the disc with the corresponding holes on the sander's pad. This alignment is crucial for effective dust extraction.
3. **Secure the Disc:** Press the sanding disc firmly onto the hook-and-loop fastening system of the sander's pad until it is securely attached.
4. **Check for Proper Attachment:** Gently pull on the edges of the disc to ensure it is fully seated and will not detach during operation.

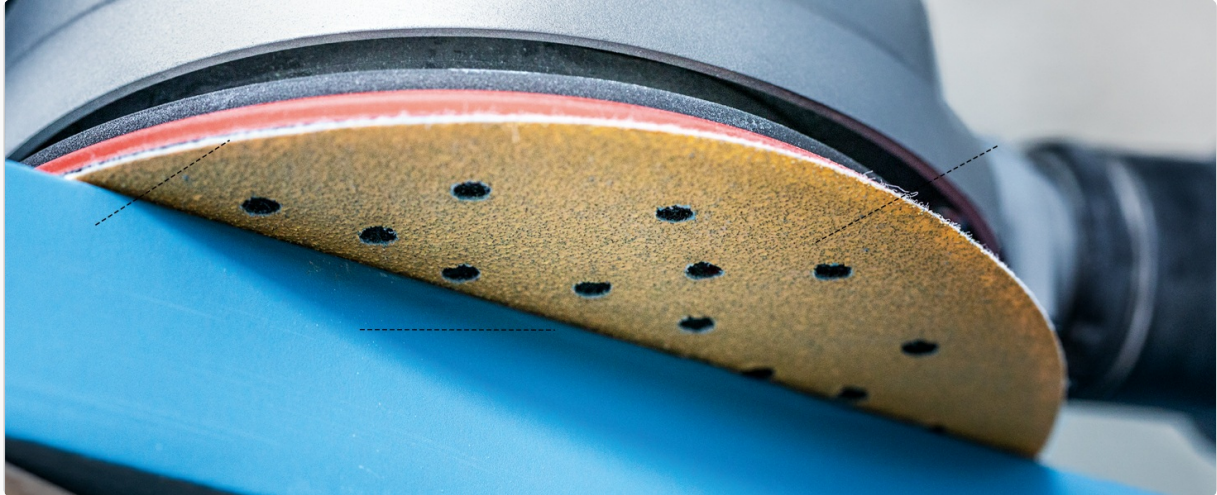


Figure 4: Close-up view of a Bosch Expert C470 sanding disc being attached to an eccentric sander, showing the hook-and-loop fastening and hole alignment.

4. OPERATING INSTRUCTIONS

Follow these guidelines for effective and safe sanding with your Bosch Expert C470 discs.

1. **Surface Preparation:** Ensure the workpiece is clean and securely clamped to prevent movement during sanding.
2. **Start the Sander:** Turn on the eccentric sander before making contact with the workpiece.
3. **Apply Even Pressure:** Guide the sander over the surface with light, even pressure. Avoid pressing too hard, as this can reduce sanding efficiency and prematurely wear out the disc.
4. **Consistent Movement:** Move the sander in overlapping passes to ensure uniform material removal and a smooth finish.
5. **Dust Extraction:** The 6-hole design is optimized for dust extraction. Ensure your sander's dust collection system is properly connected and functioning to minimize airborne dust.
6. **Monitor Disc Wear:** Replace the sanding disc when it becomes dull or clogged to maintain optimal performance.



Figure 5: A person wearing safety gear, using an eccentric sander with a Bosch sanding disc on a blue wooden surface.

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Video 1: Demonstration of the Bosch Expert C470 sanding paper in action, highlighting its speed and efficiency for removing old paint and achieving a smooth finish. The video also illustrates the optimized grain distribution for high-speed sanding.

5. SAFETY INFORMATION

Always prioritize safety when using power tools and abrasive materials. Adhere to the safety guidelines provided with your eccentric sander and the following general precautions:

- **Eye Protection:** Always wear safety glasses or goggles to protect your eyes from flying debris.
- **Respiratory Protection:** Use a dust mask, especially when sanding wood or painted surfaces, to prevent inhalation of fine particles.
- **Hand Protection:** Wear appropriate work gloves to protect your hands.
- **Hearing Protection:** If your sander produces significant noise, wear hearing protection.
- **Work Area:** Ensure your work area is well-ventilated and clear of flammable materials.
- **Read Manuals:** Always read and understand the instruction manuals for both the sanding discs and your power tool before use.

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*vs Bosch C420



Figure 6: Universal safety icons indicating the necessity of eye protection, hearing protection, gloves, a dust mask, and reading the instruction manual.

6. MAINTENANCE AND STORAGE

Proper care and storage will help maintain the quality and effectiveness of your sanding discs.

- **Cleaning:** After use, gently brush off any accumulated dust from the sanding disc if it is still in good condition for reuse. Avoid washing the discs with water.
- **Storage:** Store unused sanding discs in their original packaging or a clean, dry environment away from moisture and extreme temperatures. This prevents premature degradation of the abrasive material and adhesive.
- **Disposal:** Dispose of worn-out sanding discs according to local waste disposal regulations.

7. TROUBLESHOOTING

If you encounter issues during sanding, consider the following:

- **Poor Sanding Performance:**
 - **Dull Disc:** Replace the sanding disc if the abrasive grains are worn down.
 - **Clogged Disc:** If the disc is clogged with sanding dust, replace it. Ensure proper dust extraction is active.
 - **Incorrect Grit:** Ensure you are using the appropriate grit for the task. A coarser grit (lower number) is for heavy material removal, while a finer grit (higher number) is for finishing.
- **Uneven Sanding Pattern:**
 - **Uneven Pressure:** Apply consistent, light pressure across the entire sanding area.
 - **Disc Not Centered:** Re-check that the sanding disc is properly centered and securely attached.

to the sander's pad.

- **Excessive Dust:**
 - **Dust Extraction System:** Verify that your sander's dust extraction system is clean, properly connected, and functioning effectively. The 6-hole design relies on this system.
 - **Clogged Holes:** Ensure the holes on the sanding disc are not clogged with dust.

8. SUPPORT AND WARRANTY

For further assistance, technical support, or warranty inquiries regarding your Bosch Professional Expert C470 sanding discs, please refer to the official Bosch Professional website or contact Bosch customer service.




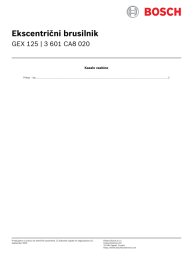


- **Manufacturer:** Robert Bosch Power Tools GmbH
- **Website:** www.bosch-professional.com
- **Product QR Code:** Scan the QR code on the product packaging for direct access to product information. [Link to product information](#)



Figure 7: A display of various Bosch Expert accessories, including sanding discs, drill bits, and saw blades, showcasing the range of professional tools.

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Video 2: A promotional video showcasing various Bosch Expert power tools and accessories in demanding work environments, emphasizing their performance and reliability for professional use.

	<p>Bosch GSS 18V-13 Professional Cordless Orbital Sander - User Manual</p> <p>Comprehensive user manual for the Bosch GSS 18V-13 Professional cordless orbital sander, covering safety instructions, product features, technical specifications, and operation. Includes guidance on battery handling, maintenance, and dust extraction.</p>
	<p>Bosch PSM 80 A Multi Sander User Manual and Safety Instructions</p> <p>This user manual provides comprehensive operating instructions, safety warnings, and technical specifications for the Bosch PSM 80 A Multi Sander. It covers intended use, product features, assembly, operation, maintenance, and after-sales service, with detailed guidance on dust extraction and sanding sheet replacement.</p>
	<p>Bosch GEX Professional 125-1 A / 125-1 AE Random Orbit Sander - Instruction Manual</p> <p>Official instruction manual for the Bosch GEX Professional 125-1 A and 125-1 AE random orbit sanders. Includes safety, operation, technical data, and maintenance for professional use.</p>
	<p>Bosch GEX 125 Eccentric Sander Parts Diagram</p> <p>Exploded view diagram and parts list for the Bosch GEX 125 Eccentric Sander (Model 3 601 CA8 020), including technical specifications and company information.</p>
	<p>Bosch PEX 220 A Random Orbit Sander User Manual and Safety Instructions</p> <p>Comprehensive operating manual for the Bosch PEX 220 A Random Orbit Sander. Includes safety guidelines, technical specifications, usage instructions, maintenance tips, and information on choosing sanding sheets and dust extraction for optimal performance.</p>
	<p>Bosch GEX Professional Random Orbital Sander - GEX 125 AC / 150 AC User Manual</p> <p>Comprehensive user manual for the Bosch GEX Professional Random Orbital Sander series (GEX 125 AC, GEX 150 AC), covering safety instructions, product features, technical specifications, operation, maintenance, and contact information.</p>