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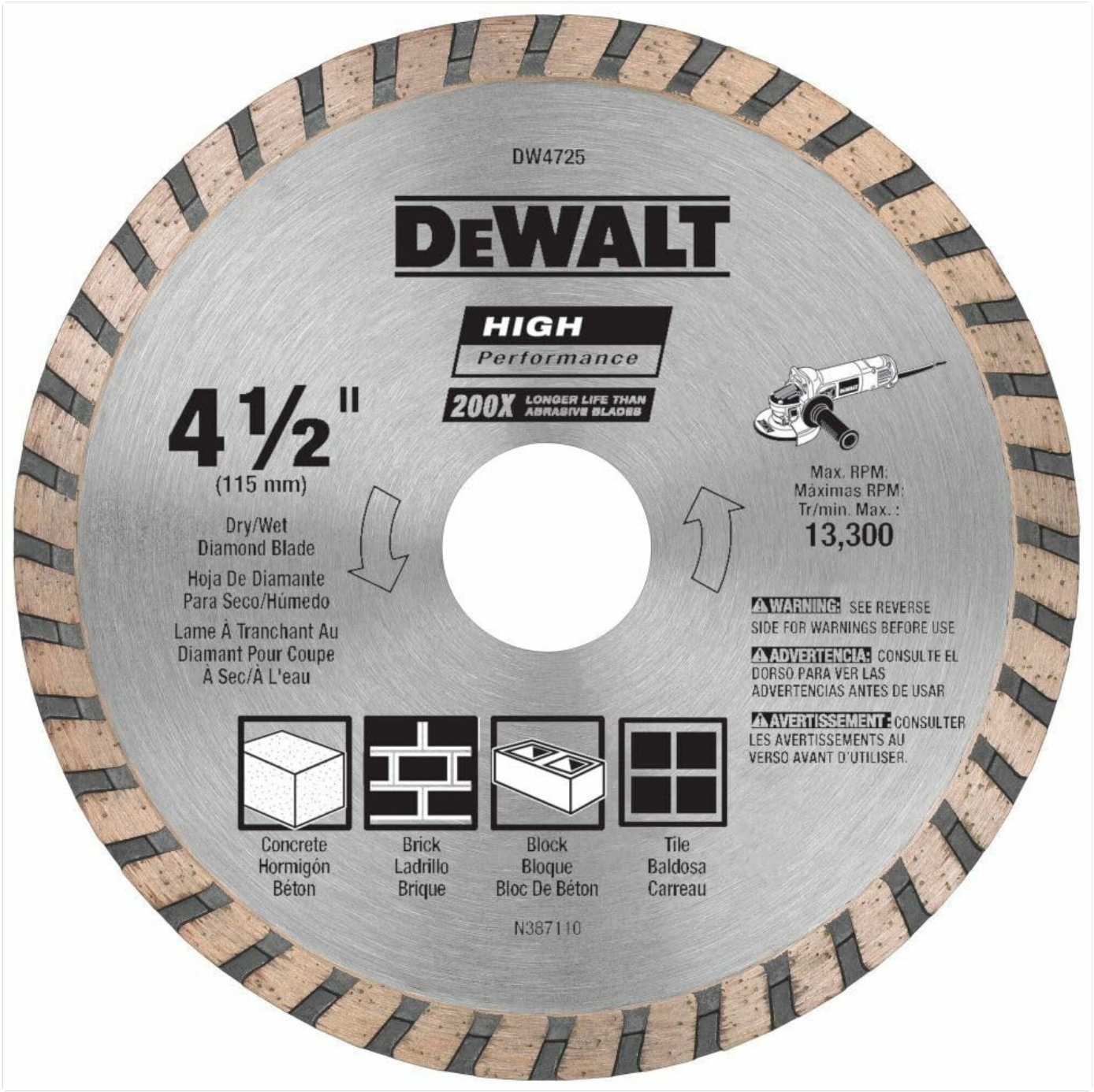
DEWALT DW4725

DEWALT DW4725 4-1/2-Inch Diamond Blade Instruction Manual

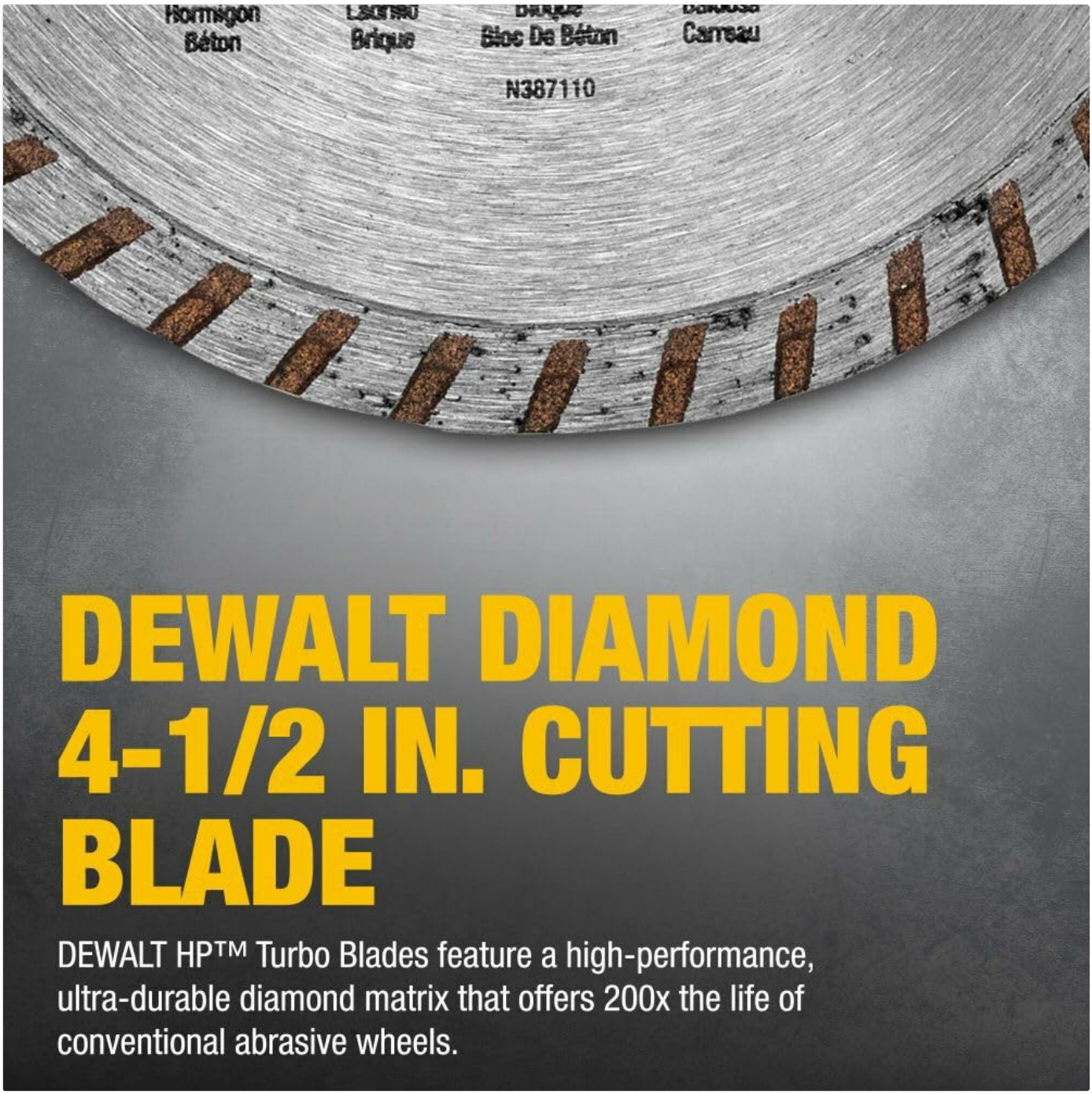
Model: DW4725 | Brand: DEWALT

Overview

The DEWALT DW4725 4-1/2-Inch High Performance Masonry Diamond Blade is engineered for efficient dry cutting of various masonry materials. Its advanced diamond matrix provides extended life compared to conventional abrasives, while a thinner kerf design enhances cutting speed and reduces dust generation. This blade is ideal for cutting block, masonry siding products, concrete, brick, and tile.



Front view of the DEWALT DW4725 diamond blade, highlighting its size and compatibility with various masonry materials like concrete, brick, cinder block, and tile.



The DEWALT Diamond 4-1/2 inch cutting blade features HP™ Turbo Blades with a high-performance, ultra-durable diamond matrix.

What's in the Box

- DW4725 - 4-1/2 in. High Performance Diamond Masonry Blade

Safety Information

Always wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, and a dust mask when operating this diamond blade. Ensure the blade is correctly installed on a compatible grinder with the appropriate arbor size. Disconnect power before changing blades or performing maintenance. Avoid cutting materials not

specified for this blade. Maintain a firm grip on the tool and keep bystanders clear of the work area. Be aware of kickback potential and ensure proper ventilation to minimize dust inhalation.

Setup

1. Ensure your angle grinder is unplugged and the spindle lock is engaged.
2. Remove the old blade and any washers or nuts.
3. Clean the arbor and mounting flanges.
4. Place the DEWALT DW4725 blade onto the grinder's arbor, ensuring the rotation arrow on the blade matches the rotation direction of the grinder.
5. Secure the blade with the outer flange and arbor nut, tightening firmly with a spanner wrench.
6. Verify the blade is securely mounted and spins freely without wobble before plugging in the grinder.

Operating Instructions

1. Before cutting, mark your cutting line clearly on the material.
2. Hold the grinder firmly with both hands.
3. Allow the blade to reach full operating speed before making contact with the workpiece.
4. Apply steady, moderate pressure. Do not force the blade, as this can lead to overheating, reduced performance, and potential kickback.
5. For deeper cuts, make multiple passes, gradually increasing the depth.
6. This blade is designed for dry cutting. For optimal dust control, consider using a dust collection system or working in a well-ventilated outdoor area. Some users may opt for wet cutting to reduce dust, but ensure your grinder is rated for wet use if applying water.



The DEWALT DW4725 blade is ideal for dry cutting a range of masonry materials, including block, masonry siding, and more.



Detail of the blade's thin kerf design, which contributes to faster cutting speeds and reduced dust generation during operation.

Official Product Video

Official product video demonstrating the DEWALT DW4725 Diamond Blade in action, showcasing its performance on masonry materials.

Maintenance

1. After each use, disconnect the grinder from power and allow the blade to cool.
2. Clean the blade to remove any accumulated dust or debris. A wire brush can be used for stubborn residue.
3. Inspect the blade for any signs of damage, cracks, or excessive wear. Replace the blade if any damage is observed.
4. Store the blade in a dry, safe place, away from moisture and direct sunlight, to prevent corrosion and damage.

Troubleshooting

Issue: Slow Cutting / Reduced Performance

Solution: Ensure the blade is clean and free of material buildup. Check if the blade is dull or damaged; replace if necessary. Verify you are using the correct blade for the material being cut.

Issue: Excessive Dust

Solution: Ensure proper ventilation. Use a dust mask. Consider using a dust shroud with a vacuum attachment if available. For some applications, light water application (if grinder is rated for wet use) can significantly reduce dust.

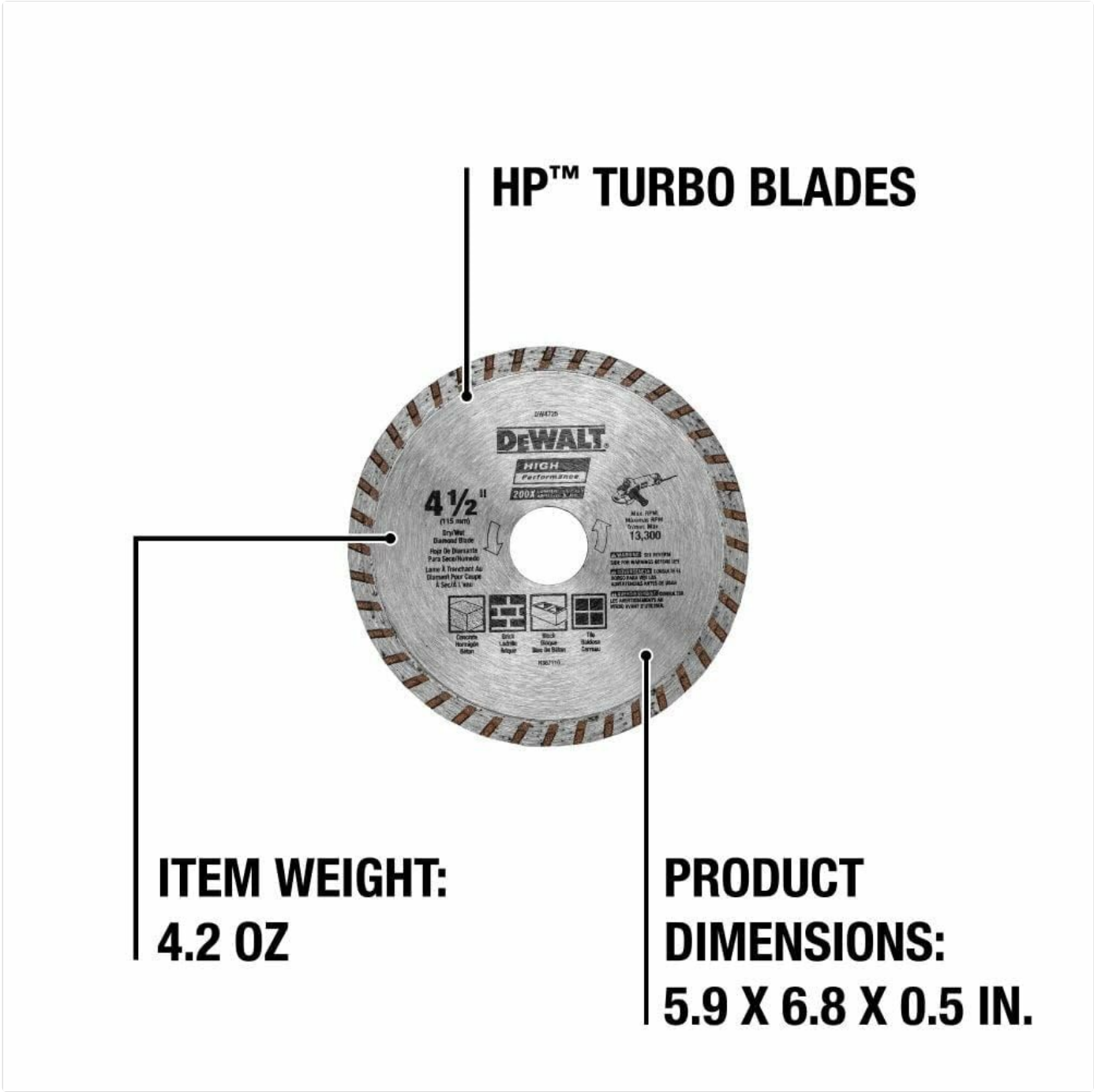
Issue: Blade Overheating

Solution: Reduce cutting pressure. Allow the blade to cool periodically. Ensure the blade is not binding in the cut. Make multiple shallow passes instead of one deep pass.

Specifications

Property	Value
Is Discontinued By Manufacturer	No
Product Dimensions	4.5 x 4.5 x 0.1 inches; 4.16 ounces
Item model number	DW4725
Department	Unisex-Adult
Date First Available	January 18, 2007
Manufacturer	DEWALT
ASIN	B0002Q8TIC
Country of Origin	China
Best Sellers Rank	See Top 100 in Tools & Home Improvement
Material	Blend
Brand	DEWALT
Product Dimensions	4.5"L x 4.5"W
Color	Multi
Style	Modern
Item Weight	0.26 Pounds
Compatible Material	Granite, Marble, Concrete
UPC	028877328881

Global Trade Identification Number	00028877328881



Visual representation of the DEWALT DW4725 blade, indicating its item weight of 4.2 oz and product dimensions of 5.9 x 6.8 x 0.5 inches.

Warranty & Support

DEWALT products are backed by a limited warranty. For specific warranty details, product registration, and technical support, please visit the official DEWALT website or contact their customer service. Keep your purchase receipt for warranty claims.

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