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> Bosch PRO Stainless Steel and Metal Cutting Disc User Manual

## Bosch 2608602389

# Bosch PRO Stainless Steel and Metal Cutting Disc

## USER MANUAL

### 1. PRODUCT OVERVIEW

#### Product Description

The Bosch PRO Stainless Steel and Metal Cutting Disc, part number 2608602389, is a high-performance accessory designed for efficient and precise cutting of various metal types, including stainless steel (Inox). With a diameter of 125 mm, a thickness of 2.5 mm, and a bore of 22.23 mm, this disc is engineered for use with handheld angle grinders. It features a robust construction suitable for demanding applications, ensuring clean cuts and durability.



**BOSCH**

**PRO**

2 608 602 389

**PRO Stainless Steel  
and Metal**

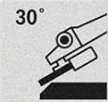
Ø 125 × 2,5 × 22,23 mm  
Ø 5" × 3/32" × 7/8"

max. 12250 rpm

80 m/s

Fe/S/Cl < 0,1%

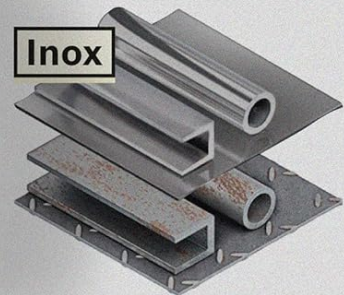
A 46 S BF



**3-IN-1**



**Inox**



**UNIVERSAL  
BRAND  
FIT**



EN 12413  
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Robert Bosch Power Tools GmbH, 70538 Stuttgart, Germany

www.bosch-professional.com Made in Türkiye

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Image: Bosch PRO Stainless Steel and Metal Cutting Disc (front view).



Image: Bosch PRO Cutting Disc with highlighted dimensions (125mm diameter, 22.23mm bore).

## 2. SAFETY INSTRUCTIONS

### General Safety Precautions

Always adhere to general power tool safety guidelines and specific instructions provided with your angle grinder. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Always wear appropriate personal protective equipment (PPE) including eye protection, hearing protection, protective gloves, and a dust mask.
- Ensure the workpiece is securely clamped before cutting.
- Never use a damaged or cracked cutting disc. Inspect the disc before each use.
- Do not exceed the maximum operating speed marked on the disc.
- Do not apply excessive pressure to the disc; let the disc do the work.
- Never use the side of a cutting disc for grinding. Cutting discs are designed for radial cutting only.
- Keep hands and body clear of the rotating disc.
- Disconnect the power tool from the power source before changing accessories or performing maintenance.



# BOSCH

Robert Bosch Power Tools GmbH  
70538 Stuttgart  
GERMANY  
[www.bosch-professional.com](http://www.bosch-professional.com)

## 2 608 602 389

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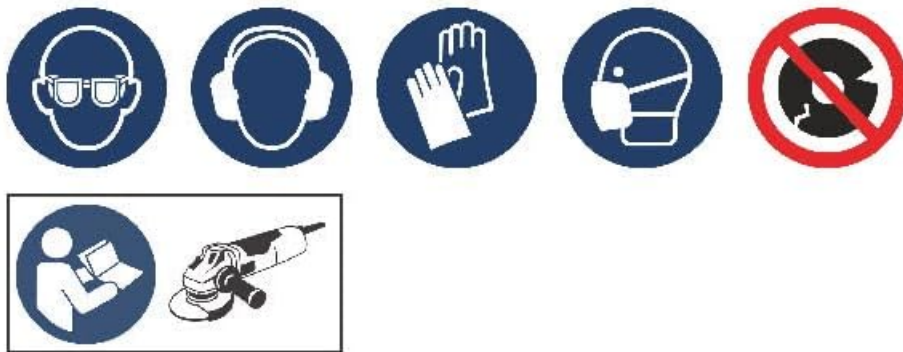


Image: Safety pictograms indicating the necessity of eye protection, hearing protection, gloves, respiratory protection, and reading the manual before use. Also shows a 'do not grind on side' symbol.

### 3. SETUP

#### Mounting the Cutting Disc

1. Ensure your angle grinder is unplugged and the spindle lock is engaged.
2. Clean the spindle, inner flange, and outer flange to remove any debris.
3. Place the inner flange onto the grinder spindle.
4. Position the cutting disc onto the spindle, ensuring it sits flush against the inner flange. The disc's label should face outwards.
5. Thread the outer flange (clamping nut) onto the spindle and tighten it firmly using the appropriate spanner. Do not overtighten.
6. Verify that the disc is securely mounted and rotates freely without wobble.

### 4. OPERATING

## Cutting Procedure

1. Before starting, ensure the disc's maximum RPM is compatible with your angle grinder's speed.
2. Hold the angle grinder firmly with both hands.
3. Allow the disc to reach full operating speed before making contact with the workpiece.
4. Apply light, consistent pressure. Guide the disc smoothly through the material. Avoid twisting or bending the disc during cutting.
5. For optimal performance and safety, cut in a straight line. Do not force the disc into the material.
6. Be aware of sparks and debris. Ensure proper ventilation and clear the work area of flammable materials.



Image: Bosch PRO Cutting Disc in action, demonstrating proper cutting technique on a metal workpiece with an angle grinder.

## 5. MAINTENANCE

### Disc Care and Storage

- Inspect the cutting disc regularly for signs of wear, cracks, or damage. Replace immediately if any damage is observed.
- Store cutting discs in a dry, cool place, away from moisture and direct sunlight, to prevent degradation.
- Handle discs carefully to avoid dropping or impacting them, which can cause unseen damage.
- Dispose of worn or damaged discs according to local regulations for abrasive materials.

## 6. TROUBLESHOOTING

### Common Issues and Solutions

Issue	Possible Cause	Solution
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Issue	Possible Cause	Solution
Disc Wobbling	Improper mounting, damaged flange, bent spindle	Re-mount disc, check flanges for damage, inspect grinder spindle.
Poor Cut Quality / Slow Cutting	Worn disc, incorrect disc for material, insufficient RPM	Replace disc, ensure disc is suitable for material, check grinder speed.
Excessive Sparks / Overheating	Too much pressure, incorrect cutting angle	Reduce pressure, adjust cutting angle, allow disc to cool.
Disc Breakage	Side grinding, excessive force, damaged disc	Never grind on disc side, use appropriate pressure, replace damaged disc.

## 7. SPECIFICATIONS

### Technical Specifications

Feature	Detail
Brand	Bosch
Model Number	2608602389
Disc Diameter	125 mm (4.92 inches)
Disc Thickness	2.5 mm (0.098 inches)
Bore Diameter	22.23 mm (0.875 inches)
Max. Peripheral Speed	80 m/s
Max. RPM	12250 rpm
Material Compatibility	Stainless Steel, Metal (Inox)
Grit Type	A 46 S BF (Rough)
Construction	Coated
Global Trade Identification Number (GTIN)	03165140505260

## 8. WARRANTY AND SUPPORT

### Warranty Information

For detailed warranty information regarding your Bosch product, please refer to the warranty card included with your purchase or visit the official Bosch Professional website.

### Customer Support

Should you require further assistance, technical support, or have questions about your Bosch PRO cutting disc, please

visit the official Bosch Professional website or contact their customer service.

Official Website: [www.bosch-professional.com](http://www.bosch-professional.com)

