

# BlueSpot<sup>®</sup>

## DIAMOND CUTTING DISCS

### User Manual



19532 / 19533 / 19534 / 19535 / 19536 / 19547 / 19548 / 19549

## General Information

**Thank you** for purchasing a BlueSpot product, you can find further information on our range at **[www.BlueSpot.uk.com](http://www.BlueSpot.uk.com)**. Please ensure that you are using the product correctly and that all guidance and cautions are followed in accordance with the instructions. Please retain these instructions for future reference.

## Safe use

Please make sure that you read these instructions carefully in order to avoid injury when using the diamond cutting discs. Follow all health and safety rules and regulations. If in doubt and available please contact a more knowledgeable source.

### **DO NOT use if damaged.**

- **ALWAYS** ensure the diamond cutting discs have been checked for any damage before use. Any damage found needs to be repaired or replaced before use to prevent damage to property or personal injury.
- **ALWAYS** ensure that operators are trained in the use of diamond cutting discs and angle grinders and understand and follow the safety requirements before mounting the disc.
- **ALWAYS** make sure the disc has been mounted correctly and securely. Always ensure the instructions have been followed carefully before use.
- **ALWAYS** allow discs to run at operating speed for one minute before use.
- **ALWAYS** handle discs with care to avoid accidental damage.
- **ALWAYS** check maximum operating speed of the diamond cutting disc and machine.
- **ALWAYS** use a grinder guard covering at least one-half of the diamond cutting disc when using an angle grinder.
- **ALWAYS** ensure the angle grinder is unplugged when changing the discs.
- **ALWAYS** wear approved ear and eye protection when using discs.
- **ALWAYS** wear approved hand protection when using discs.
- **ALWAYS** wear approved dust respirators when using discs.
- Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- Maintain the diamond cutting discs in good and clean condition for best and safest performance.
- Keep the work area clean, uncluttered and ensure there is adequate lighting.

## General Information

- Keep children and unauthorised persons away from the work area.
- **BE AWARE** of where your body is positioned when using the diamond cutting disc. The body should not be positioned in line with the flap disc.
- **BE AWARE** that our range of diamond cutting discs are suitable for dry cutting and not wet cutting.
- **DO NOT** exceed the maximum operating speed of the diamond cutting disc.
- **DO NOT** exceed the maximum operating speed of the machine.
- **DO NOT** force the diamond cutting discs onto a machine which does not match the bore size.
- **DO NOT** alter the size of the diamond cutting disc bore.
- **DO NOT** use mounting flanges which are damaged, unclean or warped.
- **DO NOT** start the machine without a guard in place.
- **DO NOT** excessively tighten the mounting screws.
- **NEVER** use the diamond cutting discs to perform a task that they were not designed for. This can cause damage to property or cause personal injury.
- **NEVER** use the diamond cutting discs near flammable materials or gases.
- **NEVER** use the diamond cutting discs for wet grinding.
- If any of the diamond cutting discs are damaged do not use.

For additional safety information, please refer to standards found in HSG17: Safety in the Use of Abrasive Wheels which is available online at

<https://www.hse.gov.uk/pubns/books/hsg17.htm>

## Introduction

### BlueSpot Diamond Dry Cutting Discs

BlueSpot Diamond Dry Cutting Discs are specially designed to provide fast and accurate dry cutting. Ideal for use with many materials including roof tiles, high-density concrete, kerbstones, slabs, pipes and bricks. High resistance to breakage and long-lasting durability. Suitable for all makes of angle grinders.

## Introduction (continued)

### All Discs - MPA Tested/EN13236

<p><b>19532</b>  <b>115mm (4.5")</b>  <b>Segmented Gold</b>  <b>Diamond Dry Cutting Disc</b>            Bore: 22.23mm / Segment Depth: 8mm            Maximum safe speed: 13000 RPM (80m/s)</p> 	<p><b>19533</b>  <b>300mm (12")</b>  <b>Segmented Silver</b>  <b>Diamond Dry Cutting Disc</b>            Bore: 20mm / Segment Depth 8mm            Maximum safe speed: 5100 RPM (80m/s)</p> 
<p><b>19534</b>  <b>230mm (9")</b>  <b>Segmented Gold</b>  <b>Diamond Dry Cutting Disc</b>            Bore: 22.23mm / Segment Depth: 8mm            Maximum safe speed: 6600 RPM (80m/s)</p> 	<p><b>19535</b>  <b>300mm (12")</b>  <b>Segmented Gold</b>  <b>Diamond Dry Cutting Disc</b>            Bore: 20mm / Segment Depth 8mm            Maximum safe speed: 5100 RPM (80m/s)</p> 
<p><b>19536</b>  <b>115mm (4.5")</b>  <b>Diamond Mortar</b>  <b>Raking Disc</b>            Bore: 22.23mm / Segment Depth: 8mm            Maximum safe speed: 13500 RPM (80m/s)</p> 	<p><b>19547</b>  <b>2 PCE</b>  <b>115mm (4.5")</b>  <b>Segmented</b>  <b>Diamond Dry Cutting Disc</b>            Bore: 22.23mm / Segment Depth 7mm            Maximum safe speed: 13000 RPM (80m/s)</p> 
<p><b>19548</b>  <b>2 PCE</b>  <b>115mm (4.5")</b>  <b>Diamond Dry</b>  <b>Cutting Disc</b>            Bore: 22.23mm / Segment Depth 5mm            Maximum safe speed: 13000 RPM (80m/s)</p> 	<p><b>19549</b>  <b>2 PCE</b>  <b>230mm (9")</b>  <b>Segmented</b>  <b>Diamond Dry Cutting Disc</b>            Bore: 22.23mm / Segment Depth 7mm            Maximum safe speed: 6600 RPM (80m/s)</p> 

## Operation

**ALWAYS** ensure that operators are trained in the use of diamond cutting discs and angle grinders and understand and follow the safety requirements before mounting the disc.

**1. Choose a suitable angle grinder.**

Always ensure that you have chosen the appropriate angle grinder for the task.

**2. Choose a suitable diamond cutting disc.**

Always ensure that you have chosen the appropriate diamond cutting disc for the task. Refer to the information above when determining which diamond cutting disc is best suited to the job you want to carry out.

**3. Ensure the maximum operating speeds of the machine and blade are compatible.**

Always ensure you have checked and are aware of the maximum operating speeds of the diamond cutting disc and the angle grinder and that they are compatible.

**4. Mounting the diamond cutting disc.**

Always ensure you follow the instructions of your chosen angle grinder when mounting any diamond cutting disc.

**5. Securing the work object.**

Always ensure that the work object you are cutting is firmly secured to minimise movement during the cutting process.

**6. Cutting.**

Always ensure you hold the angle grinder with a firm grip and two hands. Carefully move the grinder across the bulk or body of your work in the direction of the handle to avoid kickback or the disc slipping which could damage your work and cause injury.

**7. Finishing cutting.**

Always ensure you slowly and carefully lift the grinder from the surface of the work when finishing any grinding task.

## Cleaning & Maintenance

Clean the diamond cutting discs with a dry cloth if needed. Make sure the diamond cutting discs are not in use when cleaning.

## Storage

**ALWAYS** ensure the diamond cutting discs are stored out of reach of children. Store the tool in a secure, dry place.

## Disposal

**ALWAYS** check and adhere to national regulations when disposing of any tools that are no longer functional and cannot be repaired.

- Contact your local waste disposal authority for information on how to correctly dispose of tools.

## Environmental Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



## Contact

Find out more about BlueSpot® products at [www.BlueSpot.uk.com](http://www.BlueSpot.uk.com)

Tel: 0800 093 0115

Email: [sales@bluespot.uk.com](mailto:sales@bluespot.uk.com)

Orme Business Centre,  
Greenacres Road,  
Oldham,  
OL4 3NS