**Introduction**

Welcome to our comprehensive guide to RS PRO abrasives! Abrasives are essential tools in a variety of industries, from automotive manufacturing to woodworking and metal fabrication.

Choosing the optimum product is essential as using the wrong tool for a specific task can result in poor quality work, increased project time, and even safety hazards. This guide will help you choose the right abrasive product for your specific application, ensuring that your project is completed efficiently, effectively, and safely. So let's get started!

**Grit Explained**

The table shows typical grit grades for each stage of the application process. Grades are inversely proportional to grit size, so fine abrasives are higher grades using smaller sizes of grit.

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<thead>
<tr>
<th>COARSE (GRINDING)</th>
<th>FINE (FINISHING)</th>
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<td>Heavy Duty Grinding</td>
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| **COATED ABRASIVES** | |
| Blending & Refining | |
| Sanding | |
| Surface Preparation & Cleaning | |
| Finishing | |

**Contents:**

**CUTTING & GRINDING**

- **Cutting**
  Accurate and fast cutting of materials.

- **Grinding**
  The removal of welds and burrs.

- **Stock Removal**
  Removal of heavy weld seams and excess material.

**SANDING & FINISHING**

- **Sanding**
  Removal of dirt and achieving a fine surface finish.

- **Hand Sanding**
  Working by hand to achieve a fine finish on special areas.

- **Surface Preparation**
  Removal of dirt, rust or corrosion and preparation prior to coating.

- **Finishing & Polishing**
  Providing a high gloss finish to complete a project.
## ABRASIVES SELECTION GUIDE

### Using the right tool for the job

Use this chart to help you choose the right abrasive product for your specific application, ensuring that your project is completed efficiently, effectively, and safely.

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<th>APPLICATION</th>
<th>TOOL</th>
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<td>CUTTING METAL</td>
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<td>SURFACE PREPARATION</td>
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</table>
RS PRO offers one of the most comprehensive Bonded Abrasive ranges available on the UK market. Our signature Cutting, Grinding and Extra Thin Discs are available in a range of quality levels and sizes for use on a multitude of material applications.

SEE THE FULL RANGE
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SEE THE FULL RANGE
RS PRO Flap Discs Range provides high performance, professional quality products in a range of quality levels to suit market demands. The RS PRO Flap discs range includes products designed for a wide range of stock removal, finishing and polishing applications. All RS PRO flap discs are manufactured to EN standards, moreover Zirconium and Ceramic Flap Discs carry the O.S.A safety mark.

SEE THE FULL RANGE
RS PRO Dry Diamond Cores are manufactured using tool grade steel and premium diamond grain. Featuring a new fluted barrel and wide slots for easy and efficient removal of dust and debris.

150mm in length with a diamond turbo segment set firmly into the metal core to ensure maximum strength and durability. Excellent working life, speed and performance. Comprehensive range of sizes to suit all requirements.
DIAMOND BLADES

RS PRO Diamond Blades are the ideal accessory for the professional contractor who use corded or cordless power circular saws. Considered as an expert level professional saw blade the expert-lines performance is superior to similar saw blades in its class.

SEE THE FULL RANGE
Sanding and surface preparation is a crucial step in completing any professional project to a high standard. It’s all about adding that final aesthetic flourish, or cleaning up materials, components, edges and surfaces for better functionality and a slick overall presentation. Whether you’re looking to clean up plasterwork or metals, produce an extra-fine finish on wooden surfaces, or hone a blade to a perfect cutting edge, RS PRO stocks a range of quality sanding and sharpening products to get the job done right.

SEE THE FULL RANGE
Flap wheels are needed when consists of an abrasive compound that can be powered to remove a substance from a number of materials. Usually powered by either a handheld angle grinder or a bench grinder and are for preparing or finishing a surface.

See the full range
RS PRO European manufactured O.S.A approved Fibre Sanding discs range features a full resin bond system with heavy duty fibre backing. Professional quality for the professional user and available in a range of quality levels designed to give premium performance on a wide range of material applications.

SEE THE FULL RANGE
SANDING & FINISHING

COATED ABRASIVES

WET & DRY SHEETS
HOOK & LOOP SANDING DISCS
P.S.A SANDING DISCS
HAND PADS
EMERY SHEETS & ROLLS

The RS PRO range of Coated Abrasives are manufactured using premium quality materials to ensure top quality performance and excellent results every time.

SEE THE FULL RANGE
RS PRO’s comprehensive range of wire brushes are tested to extremes to ensure maximum performance when used in industrial environments.

See the full range

WIRE BRUSHES

SPINDLE MOUNTED WIRE BRUSHES
TWIST KNOT CUP WIRE BRUSHES
CRIMPED CUP WIRE BRUSHES
RS PRO products are audited against demanding international standards, inspected for durability and consistency and tested by leading engineers.

Only when products have been through this process are they awarded our seal of approval, quality that can be trusted. Confidence in this process is reflected in our long product warranties, proof that our products will consistently deliver the quality you expect for a long time to come.