

# KNOCK-ON DIAMOND SHOE QUICK SELECTION GUIDE

| SHOE  | STYLE      | AGGRESSION<br>(1 TO 5 (5 BEING MOST AGGRESSIVE)) | DURABILITY<br>(1 TO 5 (5 BEING MOST DURABLE)) | GRITS      | IDEAL MACHINE SIZE                                  | BEST USED FOR  |
|---|------------|--|---|------------|---|--|
| <br><b>PURPLE</b><br>(SUPER SOFT BOND)      | SUPER ECO  | ★★★★★★   | ★★★★★   | 16" - 150" | ▶ SINGLE PHASE<br>▶ 3 PHASE WHEN VERY HARD CONCRETE | ▶ SUPER HARD CONCRETE<br>▶ STEEL TROWELED 32 - 50+ MPA<br>▶ HIGHLY TROWELED FLOORS<br>▶ 80" & 150" FOR GROUTING HARD FLOORS                |
|   | ECONOMICAL | ★★★★★★   | ★★★★★   | 16" - 150" | ▶ SINGLE PHASE<br>▶ 3 PHASE                         |  |
|   | PREMIUM    | ★★★★★  | ★★★★★★  | 16" - 150" | ▶ 3 PHASE   |  |
| <br><b>GREY</b><br>(VERY SOFT BOND)         | SUPER ECO  | ★★★★★★   | ★★★★★   | 16" - 150" | ▶ SINGLE PHASE<br>▶ 3 PHASE WHEN VERY HARD CONCRETE | ▶ VERY HARD CONCRETE<br>▶ 32 - 45 MPA<br>▶ PAINT & GLUE REMOVAL<br>▶ 80" & 150" FOR GROUTING   |
|   | ECONOMICAL | ★★★★★★   | ★★★★★   | 16" - 150" | ▶ SINGLE PHASE<br>▶ 3 PHASE                         |  |
|   | PREMIUM    | ★★★★★  | ★★★★★★  | 16" - 150" | ▶ 3 PHASE   |  |
| <br><b>ORANGE</b><br>(SOFT / MEDIUM BOND)  | SUPER ECO  | ★★★★★★   | ★★★★★   | 16" - 150" | ▶ SINGLE PHASE<br>▶ 3 PHASE WHEN VERY HARD CONCRETE | ▶ MEDIUM HARD CONCRETE<br>▶ 32 - 40 MPA<br>▶ FASTER ALL ROUNDER<br>▶ THIN GLUE/PAINT REMOVAL<br>▶ TILE GLUES                               |
|   | ECONOMICAL | ★★★★★★   | ★★★★★   | 16" - 150" | ▶ SINGLE PHASE<br>▶ 3 PHASE                         |  |
|   | PREMIUM    | ★★★★★  | ★★★★★★  | 16" - 150" | ▶ 3 PHASE   |  |
| <br><b>YELLOW</b><br>(MEDIUM / HARD BOND) | SUPER ECO  | ★★★★★★   | ★★★★★   | 16" - 150" | ▶ SINGLE PHASE<br>▶ 3 PHASE                         | ▶ MEDIUM CONCRETE<br>▶ 25 - 32 MPA<br>▶ GENERAL PURPOSE SHOE<br>▶ GOOD STARTING POINT FOR PREP GRINDING WHEN UNSURE OF WHAT DIAMOND TO USE |
|   | ECONOMICAL | ★★★★★  | ★★★★★★  | 16" - 150" | ▶ SINGLE PHASE<br>▶ 3 PHASE                         |  |
|   | PREMIUM    | ★★★★★  | ★★★★★★  | 16" - 150" | ▶ 3 PHASE   |  |
| <br><b>BLACK</b><br>(HARD BOND)           | SUPER ECO  | ★★★★★★   | ★★★★★   | 16" - 300" | ▶ SINGLE PHASE<br>▶ 3 PHASE                         | ▶ SOFT CONCRETE<br>▶ 20 - 25 MPA<br>▶ SANDY CONCRETE<br>▶ LIGHTLY EXPOSED AGGREGATE<br>▶ ABRASIVE COATINGS<br>▶ RAIN DAMAGED CONCRETE      |
|   | ECONOMICAL | ★★★★★  | ★★★★★★  | 16" - 300" | ▶ SINGLE PHASE<br>▶ 3 PHASE                         |  |
|   | PREMIUM    | ★★★★★  | ★★★★★★  | 16" - 300" | ▶ 3 PHASE   |  |
| <br><b>RED</b><br>(VERY HARD BOND)        | ECONOMICAL | ★★★★★  | ★★★★★★  | 16" - 150" | ▶ SINGLE PHASE                                      | ▶ VERY SOFT CONCRETE<br>▶ 20 MPA OR LESS<br>▶ ABRASIVE CONCRETE<br>▶ EXPOSED AGGREGATE   |
|   | PREMIUM    | ★★★★★  | ★★★★★★  | 16" - 150" | ▶ 3 PHASE   | ▶ HARDEST BOND SHOE FOR LONGEST SHOE LIFE ON ABRASIVE CONCRETE   |

For accurate shoe selection, it's recommended to use a **Mohs Hardness Test Kit** to determine concrete hardness.

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|---|--|---|--------------------|--|---|
| <br>COBRA SINGLE      | ★★★★★  | ★★★★☆                                       | 30"                | <ul style="list-style-type: none"> <li>▶ SINGLE PHASE</li> <li>▶ 3 PHASE</li> </ul>  | <ul style="list-style-type: none"> <li>▶ SUPER HARD CONCRETE</li> <li>▶ TOUGH COATING REMOVAL</li> <li>▶ USE WITH PURPLE ZED OR SUPER ECO KO SHOE FOR BETTER LIFE</li> </ul>  |
| <br>COBRA DOUBLE      | ★★★★★  | ★★★★☆                                       | 30"<br>60"<br>120" |  |   |
| <br>SPEED DOUBLE      | ★★★★★  | ★★★★☆                                       | 30/40"             | <ul style="list-style-type: none"> <li>▶ SINGLE PHASE</li> <li>▶ 3 PHASE</li> </ul>  | <ul style="list-style-type: none"> <li>▶ FAST REMOVAL OF CONCRETE COATINGS/EPOXY</li> <li>▶ DESIGNED FOR SPEED &amp; REMOVAL ON HARD CONCRETE, LEAVES MINIMAL SCRATCHING</li> </ul>   |
| <br>SPEED QUAD        | ★★★★★  | ★★★★☆                                       | 30/40"             | <ul style="list-style-type: none"> <li>▶ SINGLE PHASE</li> </ul>   |   |
| <br>ZED BLACK          | ★★★★★  | ★★★★☆                                       | 30/40"             | <ul style="list-style-type: none"> <li>▶ IDEAL FOR SINGLE PHASE</li> <li>▶ VERY AGGRESSIVE FOR 3 PHASE</li> </ul>                  | <ul style="list-style-type: none"> <li>▶ VERY FAST REMOVAL OF GLUES ,COATINGS &amp; ADHESIVES</li> <li>▶ BLACK IS IDEAL FOR RUBBER BASED TILE GLUE OR IF CONCRETE IS MEDIUM.</li> <li>▶ ORANGE IS IDEAL FOR VERY HARD CONCRETE, OR IN COMBINATION.</li> </ul> |
| <br>ZED YELLOW         | ★★★★★  | ★★★★☆                                       |                    |  |   |
| <br>ZED ORANGE        | ★★★★★  | ★★★★☆                                       |                    |  |   |
| <br>ARROW YELLOW     | ★★★★☆  | ★★★★☆                                       | 30/40"             | <ul style="list-style-type: none"> <li>▶ SINGLE PHASE</li> <li>▶ 3 PHASE</li> </ul>  | <ul style="list-style-type: none"> <li>▶ LARGER SURFACE AREA &amp; SHARP LEADING EDGES</li> <li>▶ IDEAL FOR SANDY TILE GLUE, SPRAY PAVE &amp; SAND BASED EPOXY.</li> </ul>  |
| <br>ARROW YELLOW     | ★★★★☆  | ★★★★☆                                       |                    |  |   |
| <br>ARROW ORANGE     | ★★★★☆  | ★★★★☆                                       |                    |  |   |
| <br>TRIPLE SEG KO   | ★★★★☆  | ★★★★★                                       | 30/40"             | <ul style="list-style-type: none"> <li>▶ HEAVY 3 PHASE GRINDERS</li> </ul>   | <ul style="list-style-type: none"> <li>▶ SOFT/SANDY CONCRETE</li> <li>▶ ABRASIVE, EXPOSED AGGREGATE</li> <li>▶ FLOOR LEVELLER, SAND/CEMENT BEDDING</li> </ul>   |
| <br>SUPER RHINO III | ★★★★★  | ★★★★★                                       | PCD                | <ul style="list-style-type: none"> <li>▶ HEAVY 3 PHASE GRINDERS</li> <li>▶ SINGLE PHASE FOR TAKING OFF 3 - 5MM MATERIAL</li> </ul> | <ul style="list-style-type: none"> <li>▶ REMOVAL OF 3-5MM OF PRODUCT ON CONCRETE.</li> <li>▶ THICK SAND BASED COATINGS</li> <li>▶ SPRAY PAVE, WATERPROOFING POLYURETHANES.</li> <li>▶ NOT FOR GRINDING INTO CONCRETE.</li> </ul>                              |
| <br>RHINO II        | ★★★★★  | ★★★★★                                       | PCD                | <ul style="list-style-type: none"> <li>▶ SINGLE PHASE</li> <li>▶ 3 PHASE</li> </ul>  | <ul style="list-style-type: none"> <li>▶ REMOVAL OF 1-3MM OF PRODUCT ON CONCRETE.</li> <li>▶ THICK PAINTS, COATINGS OR GLUE REMOVAL OR WATERPROOFING MEMBRANES.</li> <li>▶ NOT FOR GRINDING INTO CONCRETE</li> </ul>  |

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