Spectrum Wheels

**New Unique Color Code**
- New concept of identifying Unitized Wheels
- Color coded for ease of use and reference
- Quick determination of the grades and grits of Wheels

- Red: Aggressive stock removal
- Grey: Blending of welds and deburring
- Blue: Light deburring and satin finishing
- Green: Bright polishing

**Further Advantages**
- Designed by users
- Consistent performance over the whole product lifetime
- More flexible and formable than previous generations
- Improved performance on titanium compared to other unitized wheels
- Time savings thanks to color code

**Open structure reduces heat, clogging and glazing**

**Grit**

**Resin**

**Polyamide fibres**

**Sia Abrasives’ Spectrum Wheels Application Areas**
- Stainless Steel, Aluminum Fabrication, Titanium, Alloys
- Tubular Work
- Marine
- Aerospace
- Medical Implants

**Structure**
- Material: Silicon Carbide
- Thickness: 1/8” - 1”
- Density: soft - hard

**Properties**
- Lifetime: very long
- Stability: strong
- Finish: very good (red, grey) bright satin (blue) bright polished (green)

**Button-Mount Spectrum Wheels**

<table>
<thead>
<tr>
<th>Color</th>
<th>Sizes</th>
<th>Article-ID</th>
<th>Box Qty/Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red: Removal</td>
<td>2” x 1/4” x BM</td>
<td>5999.2104, 2109</td>
<td>60, 20</td>
</tr>
<tr>
<td>Grey: Blending</td>
<td>2” x 1/4” x BM, 3” x 1/4” x BM</td>
<td>5999.2103, 2108</td>
<td>60, 20</td>
</tr>
<tr>
<td>Blue: Finishing</td>
<td>2” x 1/4” x BM, 3” x 1/4” x BM</td>
<td>5999.2102, 2107</td>
<td>60, 20</td>
</tr>
<tr>
<td>Green: Polishing</td>
<td>2” x 1/4” x BM, 3” x 1/4” x BM</td>
<td>5999.2101, 2106</td>
<td>60, 20</td>
</tr>
</tbody>
</table>
Applications and Range

**Red: Removal**

**Applications**
- Stainless Steel fillet weld removal
- Deburring sharp edges to a clean radius
- Removal of grinding scratches
- Removal of heavy machine tool marks
- Light deburring of gears, blade trailing and leading edges
- Removing heavy scale from carbon steel, light oxidation from Aluminum and brazing on steel tubing

**Ordering Information**

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<tr>
<td>3” x 1/4” x 1/4”</td>
<td>5999.2080</td>
<td>20</td>
</tr>
<tr>
<td>6” x 1/4” x 7/8”</td>
<td>5999.2168</td>
<td>8</td>
</tr>
<tr>
<td>6” x 1/2” x 7/8”</td>
<td>5999.2192</td>
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</tr>
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</table>

Note: 6” are also available with 1” center hole. Other sizes available on request with minimum order quantities and longer lead times.

**Grey: Blending**

**Applications**
- Blending of pits on cast parts
- Blending and refining surfaces of jet blade airfoils
- Blending parting lines from cast jet blades and vanes
- Blending stainless steel surgical instruments, mill marks and machine mismatches
- Removing weld discoloration to give a satin finish
- Stainless steel fillet weld removal from tubular fabrications

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<td>5999.2079</td>
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<td>6” x 1/4” x 7/8”</td>
<td>5999.2169</td>
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<td>6” x 1/2” x 7/8”</td>
<td>5999.2193</td>
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**Blue: Finishing**

**Applications**
- Removing discoloration from welds to give a bright satin finish, minor pits and scratches, resins/adhesives overspray and coating
- Deburring edges from surgical instruments
- Breaking edges on Aluminum extrusions
- Removing small imperfections from castings/forgings
- Bright satin finish on stainless steel after weld removal
- Fillet weld finishing on aluminum

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<td>6” x 1/4” x 7/8”</td>
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**Green: Polishing**

**Applications**
- Polishing fillet areas on jet blades and aircraft parts
- Polishing after weld removal
- Polishing and finishing of medical instruments
- Polishing welds on Stainless Steel sinks
- Polishing machined surfaces and hand tools
- Polishing round tubing

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