New and improved: Z92

With the new and improved "Z92" HYBRID bonded layer structure, the 3M™-Development Team created an enhanced pore/bond technology to optimize the active grit positioning and retention in the grinding layer.

**Competitive Advantages**

- Strength: higher infeed in multi-purpose applications
- Durability: longer lifetime
- Quality: higher productivity

**Main Applications**

- Periphery Grinding on
  - Tungsten Carbide
  - CBN/Cermet

**What is new?**

Developed and improved hybrid bond technology for active grit positioning

**Characteristics**

- Proven product strength + reliability
- Very positive initial customer feedback on 3M™ innovation in superabrasives
- Available in common FEPA standards for most periphery grinding machines

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**Comparison**

<table>
<thead>
<tr>
<th>Relevant Customer Criteria</th>
<th>New vs. Standard</th>
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<td>Process Time</td>
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<td>Flexibility in use</td>
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<td>Workpiece Quality</td>
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</table>

"No better overall performance tested so far!“

Z92 – better ground.
Z92 leads to outstanding, better grinding performance!

Faster grinding with higher infeed!

Lower Cost-per-piece!

Typical Applications:

Surface / Edge Quality

NEW Z92
Average Width: 9,17 µm

OLD Standard
Average Width: 12,5 µm

Can we do more? Please don’t hesitate to contact your local 3M sales rep.