

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



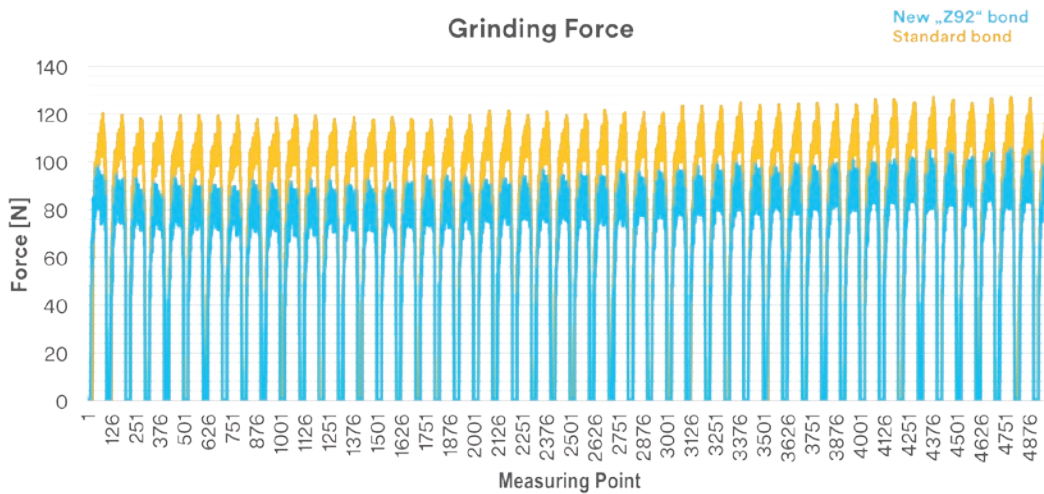
Comparison
relevant customer criteria:
new vs. standard

"No better overall performance tested so far!"

Z92 – better ground.

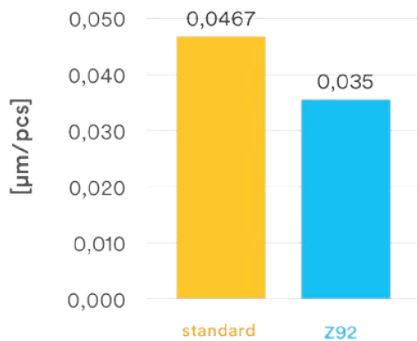
Z92 leads to outstanding, better grinding performance!

Faster grinding with higher infeed!

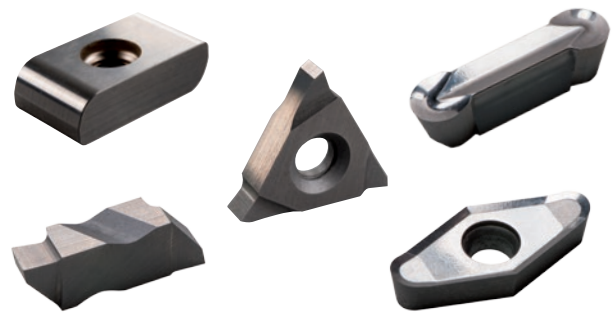


Lower Cost-per-piece!

Layer Wear per Insert



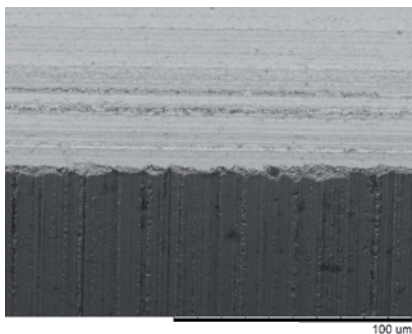
Typical Applications:



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.



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