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CORE DRILL FOR SAPPHIRE



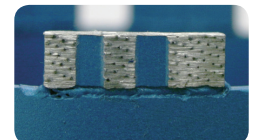
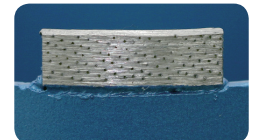
Advantages

- Sapphire ingot
- Silicon ingot
- Ceramic substrates

Specifications

- Superior performance through pattern diamond array (longer life time and low product to product variations)
- Optimized diamond placement according to work piece
- Cost leadership through low cost high volume manufacturing
- Consistent performance until the end of product life time

Diameter	Length	Head Type	Tip Type
2", 4", 6", 8"	~ 500	· 1/2 BSP, 11/14 UNC · Any connections are available upon request.	· Zensis · Zensis turbo



Technology

ZENESIS is platform technology that bring to life dramatic improvement in diamond tool performance by its ability to custom design according to the requirements for applications.

- **Design** : alternating diamond layers
- **Concept** : diamond layers are patterned to control the height of diamond exposure and the length of diamond "tail" and to create channels optimized for clearance of removed materials.
- **Effect** : significant improvement in both cutting speed and life time

Performance

 Longer tool life time and low current For ingot	 Shortened process time by 4hrs to 2hrs by increasing the outer diameter to Ø203 from Ø2-Ø10 For alumina / SiC substrate (susceptor)
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