Case Study: Hollow shaft

**Grinding competence for high level industrial applications**

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**Dimension:**
- 14418: 500x45x203.2 x=6/4
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- U=11.2/19.8

**Specification:**
- CB47 126-125-V 358450

**Material:**
- X46Cr13

**Dressing interval:**
- 450 pcs.

**Cycle time:**
- 14 sec.

**Stock removal:**
- 0.2 mm

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**External cylindrical grinding tools in CBN and diamond**
When it comes to the highest demands on precision and quality for external cylindrical grinding, CBN & Diamond grinding tools from Meister Abrasives are the key to success.

Technologies:

- **Vit (CBN & DIA)**
  High cutting volumes and high wear resistance for best economy

- **HPC (CBN)**
  Very high pore volume and low cutting forces for maximum cutting performance

- **HPB (CBN)**
  Optimized coolant transport and very high wear resistance for higher productivity

- **HPL (CBN)**
  Excellent grain integration and a friction reduced bonding system for a cooler cut

- **VM (DIA)**
  Diamond micro grains for precise geometries and best surface qualities

- **Ceramet (CBN & DIA)**
  Hybrid bond with high wear resistance and exceptional cutting performance for demanding hard material processing

Your benefits:
- Customer specific solutions
- Self-sharpening
- High wear resistance
- High service life
- Extreme cutting performance

For more information: www.meister-abrasives.com/technology