Case Study:
Stationary dresser valve stem

**Grinding competence for high level industrial applications**

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**Specification:**
D45-252-175-H-328658

**Grinding wheel:**
CBN B64 ø600 x 108 mm

**Surface quality:**
Ra 0.25 ; Rz 1.6

**Dressing amount:**
x 0.004 mm

**Dressing interval:**
5000 pcs.

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**Dimension:**
DT 20x22x6 X=5 W=5
5 CVD-Inserts 0.6 x 0.6

**Honing and finishing tools made of:**
corundum and silicon carbide

**Honing and finishing tools made of:**
corundum and diamond

**Precision grinding tools for the semiconductor industry:**
Dressing interval: 450 pcs.
Stock removal: 0.2 mm
Material: X46Cr13
Surface quality: Ra 0.1 ; Rz 1.0

**Internal cylindrical grinding in CBN and diamond**

**Double disk fine grinding wheels in CBN and diamond**

**Top class diamond dressing tools of highly advanced technology**
High-precision porous dressing tools guarantee significantly increased economy with a stable dressing process and excellent work piece geometry.

Technologies:
- VDD: Vitrified bonded, self-sharpening system
- RDD: Hybrid system with self-sharpening and significantly increased service life
- UDD: Reinforced edges vitrified bonded self-sharpening system
- HDD: Reinforced edges hybrid system with extreme profile retention

Your benefits:
- Customer specific Solutions
- Porous dressing tools
- High wear resistance
- High service life
- Complex profile dressing

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