Case Study: Spring steel

Grinding competence for high level industrial applications

| Dimension: | 1A2T 720x40x320 X=5 W=200 |
| Specification: | CB55-75-75-V 357220 |
| Material: | 1.1248 / CK spring steel |
| Dressing interval: | 3x / week |
| Wheel wear: | 2µm/h |
| Surface quality: | Ra 0.25 ; Rz 1.7 |

Switzerland
Meister Abrasives AG Headquarter
Industriestrasse 10
CH-8450 Andelfingen
Tel. +49 9252 3508 0
as@a-schmeier.de
sales@meister-abrasives.ch

Germany
Alfons Schmeier GmbH & Co. KG
Feldweg 3
D-95233 Heimbruch
Tel. +49 9252 3508 0
asfa-schmeier.de

USA
Meister Abrasives USA Inc.
201 Circuit Drive
North Kingstown, RI 02852
Tel. +1 401-294-2530
sales@meister-abrasives-usa.com

China
Meister Abrasives China
1998 Dongfang Road
200325 Shanghai
Tel. +86 21 61096296
sales@meister-abrasives-china.cn

Internal cylindrical grinding in CBN and diamond
External cylindrical grinding tools in CBN and diamond
Honing and finishing tools made of corundum and silicon carbide
Top class diamond dressing tools of highly advanced technology
Precision grinding tools for the semiconductor industry
Internal cylindrical grinding in corundum and silicon carbide

Double disk fine grinding wheels in CBN and diamond
High-precision fine grinding tools guarantee the best surfaces, flatness, and dimensional accuracy for your most demanding workpieces.

Technologies:

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

- **HPS (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

Your benefits:

- Customer specific solutions
- Low grind pressure
- Long sharpening intervals
- Extremely long service life
- High cutting performance

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