

# Tungsten Carbide Grade

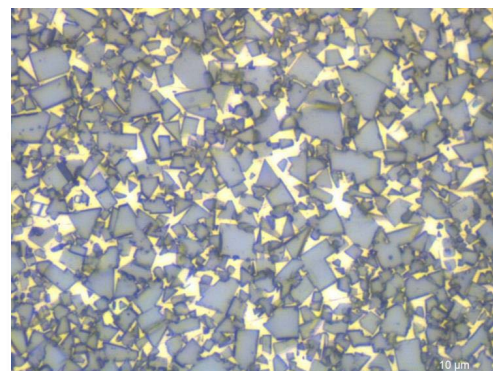
## Hartmetallsorte

# WB25G

### Physical and metallurgical properties

Physikalische und metallurgische  
Eigenschaften

**Composition**                      **WC 90,0 ±0,2%**  
Zusammensetzung                **Co 10,0 ±0,2 %**



**Density**                                **14,5 ± 0,1 g/cm<sup>3</sup>**  
Dichte

**Hardness**                            **960 ± 50 HV30**  
Härte                                    **85,7 ± 0,5 HRA**

**TRS**                                      **2500 N/mm<sup>2</sup> (Mpa)**  
TRS

**Magnetic Saturation**            **18,5 ~ 20,6 µTm<sup>3</sup>**  
Magnetische Sättigung        **185 ~ 206 gs.cm<sup>3</sup>/g**

**Coercivity\***                         **3,5 ~ 5,2 kA/m**  
Koerzitivfeldstärke\*         **44 ~ 65 Oe**

**Sintered WC Grain Size**        **3,0-5,0 µm**  
WC Korngröße                    **Grob / Coarse**

\*Guideline / \*Richtwert