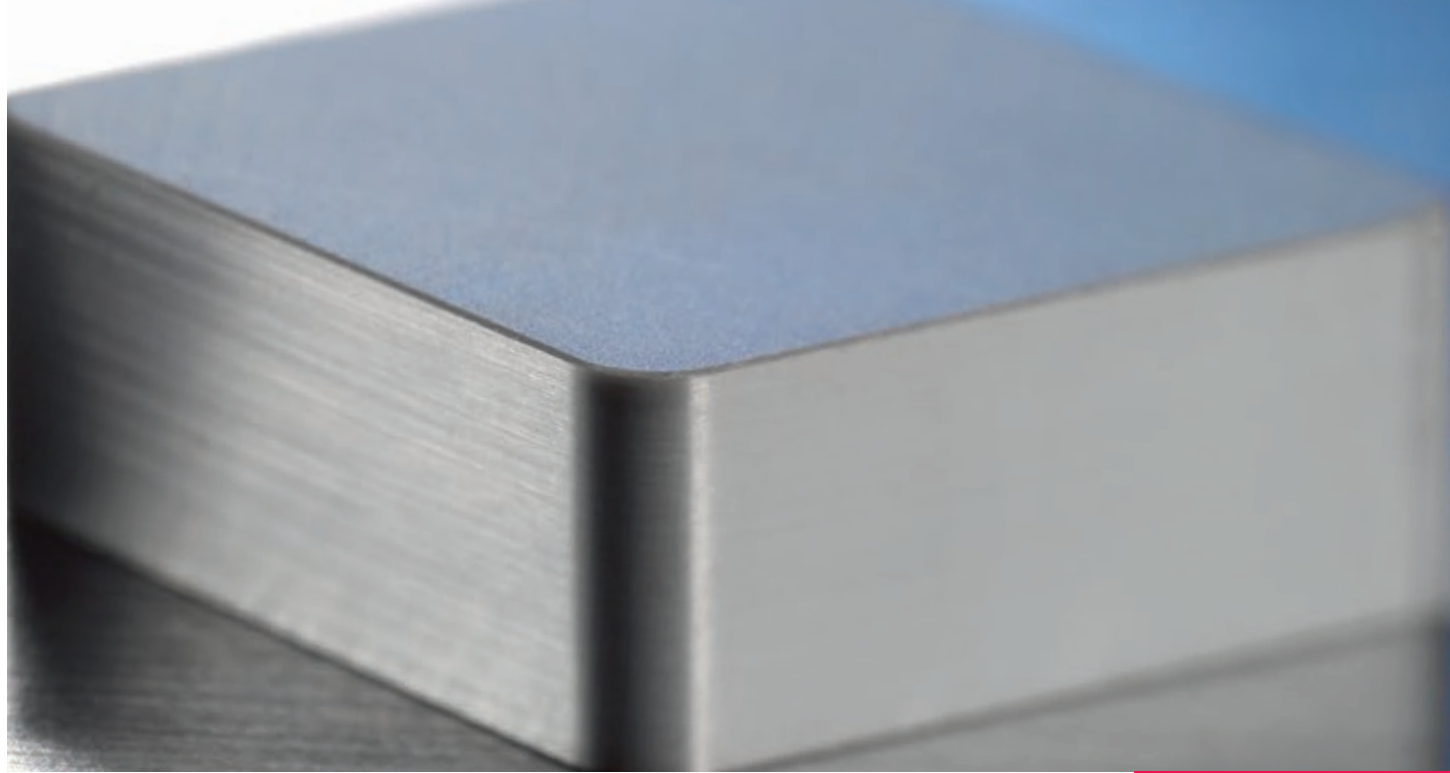




CUTTING TOOLS

Milling of cast iron materials

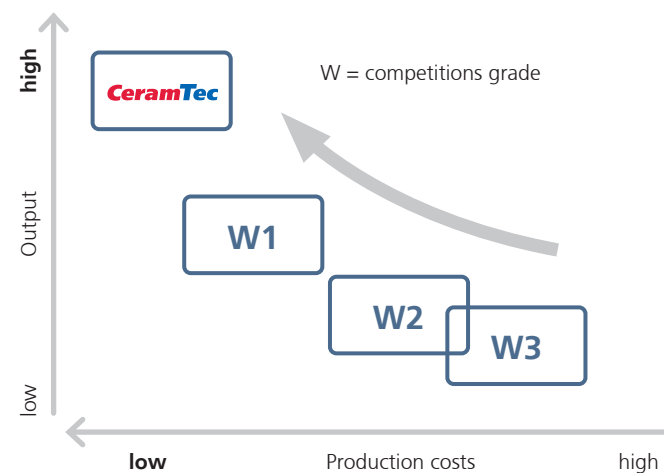
**LKM 880**



## LKM 880 – High-performance ceramics for milling

Optimal toughness combined with excellent wear resistance make the ceramic grade LKM 880 a high-performance cutting material for the rough milling of GJL (GG) and GJS (GGG) materials. The LKM 880 permits high machining speeds due to its good wear behaviour. As a result, large stock removal rates are achieved while maintaining excellent process reliability. The achievable tool life can be significantly increased when machining cast iron materials with the LKM 880.

Higher productivity along with simultaneous reduction of manufacturing times and costs – all this is offered by the LKM 880, the high-performance cutting material for enhancing the added value when milling.



### Good to know

- High machining speed
- Excellent wear resistance
- Best process reliability

## LKM 880 Recommended cutting data

GJL (GG)	Recommended value $v_c$	Overall range $v_c$	Recommended value $f_z$	Overall range $f_z$
<b>Hardness (HB)</b>	<b>m/min.</b>	<b>m/min.</b>	<b>mm/z</b>	
190 - 210	1000	800 - 1200	0,20	0,1 - 0,25
220 - 240	800	500 - 1000	0,20	0,1 - 0,25
250 - 280	650	450 - 750	0,20	0,1 - 0,25

GJS (GGG)	Recommended value $v_c$	Overall range $v_c$	Recommended value $f_z$	Overall range $f_z$
<b>Tensile strength RM (N/mm<sup>2</sup>)</b>	<b>m/min.</b>	<b>m/min.</b>	<b>mm/z</b>	
400 - 500	800	600 - 1000	0,16	0,1 - 0,25
500 - 700	700	500 - 800	0,16	0,1 - 0,25



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