



CERFINE PREMIUM+

Bonded abrasives with shaped ceramic grain for applications with highest performance requirements

Your advantages

- Extremely high cutting performance with absolutely safe process conditions
- Reliably high profile stability and consistent surface qualities throughout entire tool life
- Achieving very low surface roughnesses
- Very low thermal load
- High dressing intervals and short grinding times guarantee economical grinding



[NEW PRODUCT]

	CERFINE PREMIUM+	CERFINE PREMIUM
Application	Generating gear grinding with $V_C = 80\text{m/s}$ of hardened 20MnCr5 on Kapp KX 300	
Performance	■■■	■ ■ □
Tool life	■■■	■ ■ □
Cost per Part	■ □ □	■ ■ □



for an excellent finish

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Processes & Applications	<ul style="list-style-type: none">• Continuous gear grinding (profile grinding / generating gear grinding)• External cylindrical grinding• Internal cylindrical grinding• Surface grinding• Processes with large contact surfaces or difficult-to-machine materials such as Inconel
Your advantages	<ul style="list-style-type: none">• Very high material removal with low thermal loads• Reliably high profile stability and excellent, consistent surface qualities until the end of the tool life• Very attractive price-performance ratio• Tailor-made tool specification designed for the application• Generates optimum pre-grinding zones for supplementary fine grinding/polishing processes with Hermes Cermic or Microlite products
Grain	Shaped ceramic grain in combination with innovative secondary grain
Bonding	High performance bonding (e.g. Hermes Vitra)
Further informationen	Product and application video on the Hermes' Youtube channel



PLEASE CONTACT US

Detailed information and literature for download
[hermes-abrasives.com](https://www.hermes-abrasives.com).

You will find your direct contact person in the "Contact Finder" section.

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