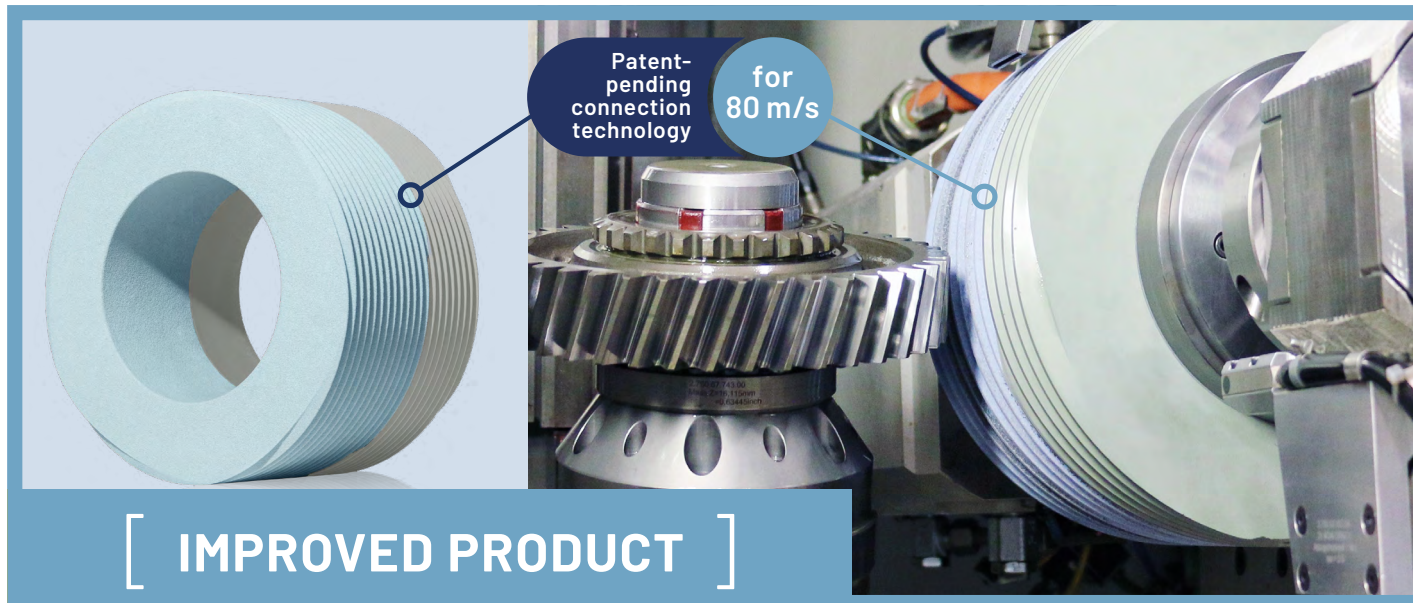


CERFINE / MICROLITE CG

Highly productive, high speed combination wheels for continuous generating grinding and polishing of gears

Your Advantages

- Patent-pending technology that enables applications with cutting speeds of up to 80 m/s
- Reduced machining and changeover times
- Excellent surface qualities
- Guaranteed reproducibility over the entire wheel life
- Individual wheel design adapted to the process requirements
- Available in three performance classes



	HERMES CERFINE / MICROLITE CG	COMPETITOR
Process data	$v_c = 63 \text{ m/s}$ material: 20MnCr5 Machine: Gleason Genesis GX	
Profile accuracy	■■■	■■■
Process stability	■■■	■■■
Surface quality	■■■	■■■
Processing time	■■■	■■■



for an excellent finish

CERFINE / MICROLITE CG

Highly productive, high speed combination wheels for continuous generating grinding and polishing of gears

Application areas	For all gears with particularly high requirements for surface quality and productivity	
Grinding machines	<ul style="list-style-type: none">• Reishauer• Kapp Niles• Liebherr• KlingelInberg• Gleason• Samputensili• Mitsubishi More available on requests	
Process	Continuous generating gear grinding with Cerfine	Polishing with Microlite
Achievable Roughness values	Ra < 0.25 µm	Ra < 0.1 µm
Abrasive grain	Sintered and/or semi friable aluminum oxide	Semi friable aluminum oxide
Bonding	Ceramic For applications demanding higher stock removal rates, or reduced risk of burning, high-performance VITRA bond is recommended	Polyurethane
Grit range	F 80 - 150	F 400 - 800



PLEASE CONTACT US

Detailed information and literature for download
hermes-abrasives.com

You will find your direct contact person in the [Contacts](#) section.

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