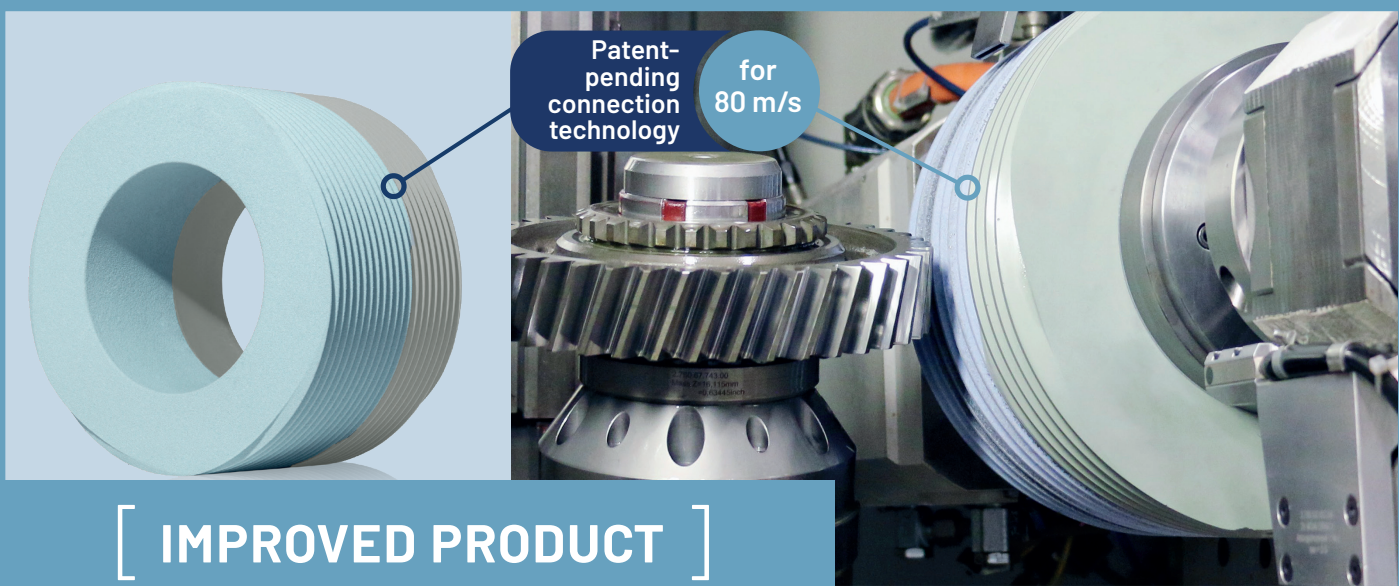


# CERFINE / MICROLITE CG

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



[ IMPROVED PRODUCT ]

HERMES  
CERFINE / MICROLITE CG

COMPETITOR

	HERMES CERFINE / MICROLITE CG		COMPETITOR
Process data	v <sub>c</sub> = 63 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"><li>• Reishauer</li><li>• Kapp Niles</li><li>• Liebherr</li><li>• Klingelnberg</li><li>• Gleason</li><li>• Samputensili</li><li>• Mitsubishi</li></ul> More available on requests	
Process	<b>Continuous generating gear grinding</b> with Cerfine	<b>Polishing</b> 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
Bindung	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 **"Contact Finder"** section.

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