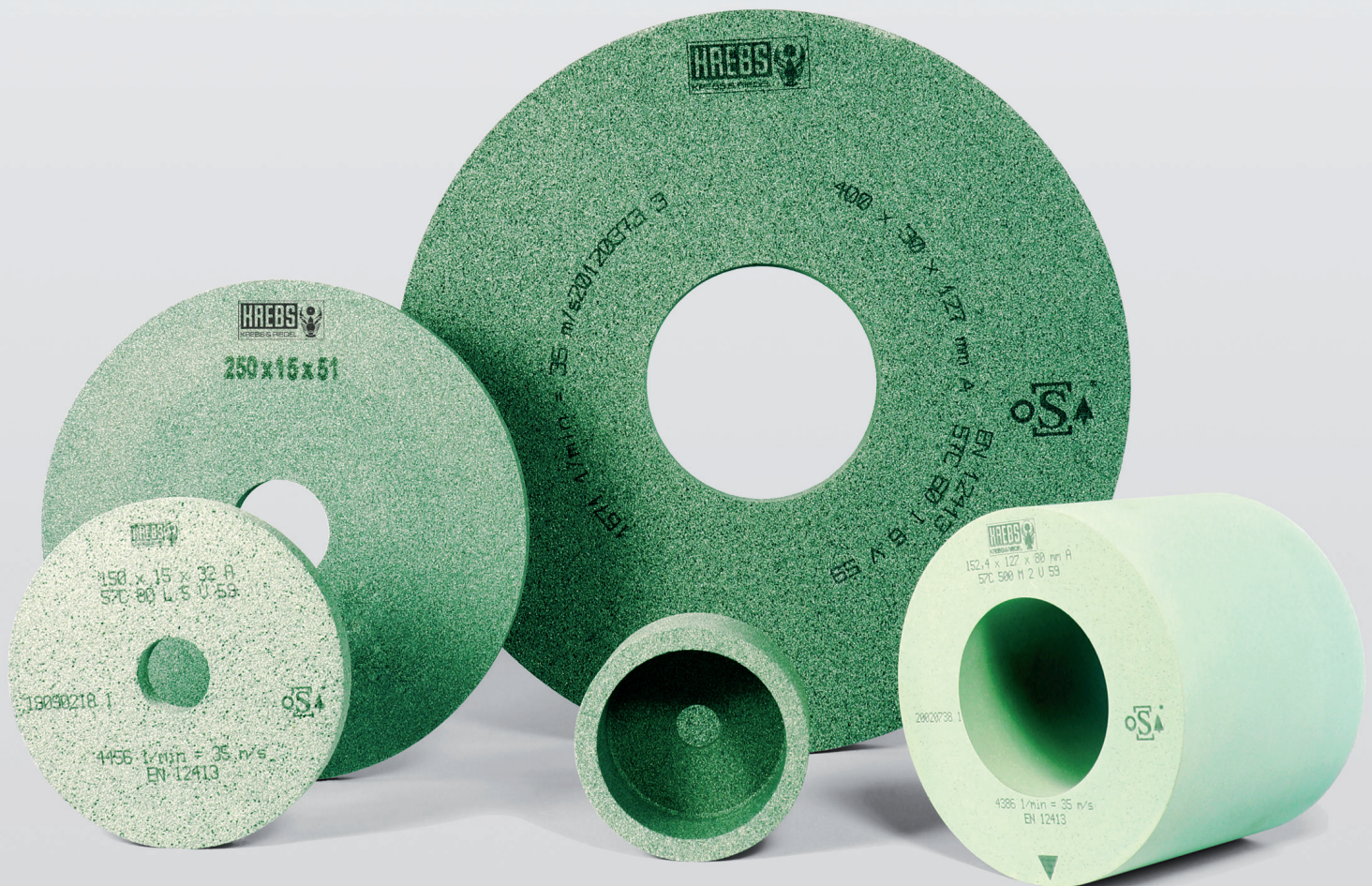


SILICON CARBIDE GRINDING WHEELS



Innovative grinding technology since 1895

Extremely versatile grinding wheels



Thread machining

Aerospace

Medical technology

Metrology

Grinding edges, knives & blades

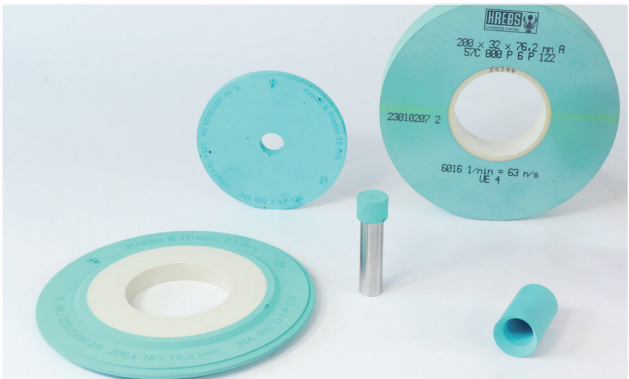
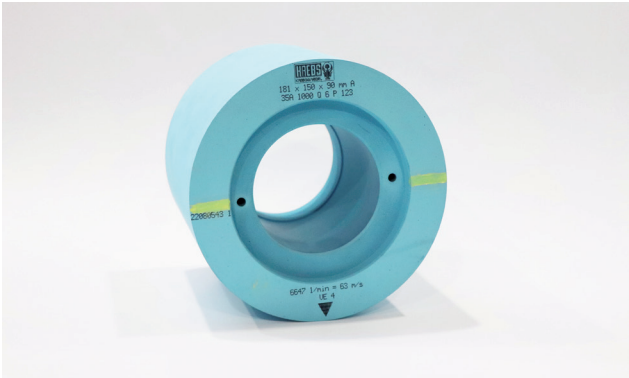
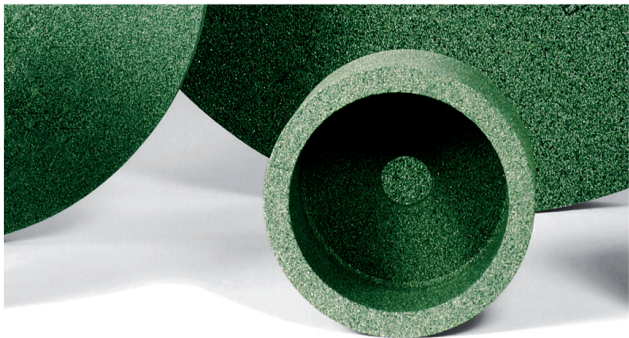
Grinding tools

**ADVANCED GRINDING
SOLUTIONS**

GRINDING & POLISHING



Innovative grinding technology since 1895



First class grinding quality | Very fine up to F1500

Silicon carbide is an extremely versatile grinding material with a very wide range of applications. This includes grinding high-alloy steels, cast iron, aluminum, brass, copper, bronze, mineral materials (ceramic/granite, etc.), hard metals and extremely hard wear layers.

Bonding Systems

- Ceramic bonds (V) with controllable porosity
- Resinoid bonds with (BF) and without fiber reinforcement (B)
- Polyurethane bonds (P)

Application Examples

- Thread rolling tools such as rolling dies, rolling rolls and chasers
- Various hard coatings
- Non-ferrous metals & non-ferrous metals
- From coarse grinding to very fine surface requirements
- Dressing of diamond grinding wheels
- Grinding of medical needles & cannulas
- Grinding of granite and polymer concrete etc
- Cutting of components made from nickel-based alloys

Grinding Applications

- Deep grinding
- External & internal cylindrical grinding
- Thread grinding
- Centerless grinding
- Cut-off grinding

Bonding	FEPA
V	30 - 500
B	24 - 500
BF	24 - 500
P	180 - 1500

Products	Ø mm	Quality	Bonding
Grinding wheels ¹	30 - 915	50C, 57C	V, B, BF, P
Cut-Off wheels ¹	40 - 800	50C, 57C	B, BF
Laboratory cut-off wheels ¹	40 - 800	50C, 57C	B, BF, P
Grinding rings ¹	30 - 900	50C, 57C	V, B, P
Cup wheels ¹	30 - 800	50C, 57C	V, B, P
Grinding segments ²	-	50C, 57C	V, B, P
Internal grinding wheels	>/=30 - 500	50C, 57C	V, B, P

¹ Larger or smaller on request
² All dimensions, also with curves



www.advancedgrindingsolutions.co.uk

