

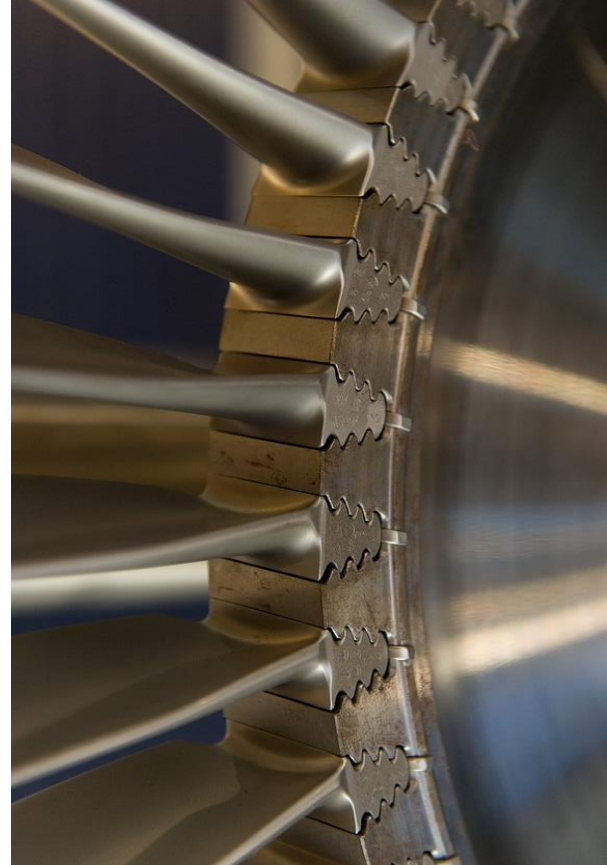
Turbine Blade Grinding

Application

Gas Turbine – Aerospace and Power generators:
Grinding of turbine blades, vanes and shrouds - for example with a creep feed grinding process.

Advantages

- Decades of experience in gas turbine sector
- System provider of grinding and dressing tools
- Specially developed bond systems
- High profile accuracy
- Cool grind with high material removal rates (Q'w)
- Reduced dressing
- Long tool life with high reproducibility
- Lower abrasive cost per part



Typical Specifications – Blade root form

Grain Group	Grain	Grain size	Hardness	Structure	Bond
Aluminium Oxide	EKW	46/4	F	11	V5101GSP
Aluminium Oxide	EKW	70/8	E	12	V7801MSP
Aluminium Oxide	EKRO/EKW	46/1	F	12	V5900GSP
Aluminium Oxide	EKSP/EKW	80/4	G	11	V2800GSP
Sintered A/O	PGS/EKW	54/1	F	11	V5901MSP
Snitered A/O	PGS/EKRO/EKW	80/8	H	12	V5900MSP

Other grinding and dressing tools specifically tailored to suit process are available on request.

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