

Technical data sheet

5230 microtec



Status:	Ok
Approval:	01.02.2023

Classification	Public series
Product type:	Coated abrasives
Main industries:	General Fabrication
Further industries:	Watches and Jewellery Surgery Rollers and Cylinders Motors and Drives Fibre Optics




Product profile	
Grit type:	Diamond
Grit range (total):	Micron
Backing:	Polyester film
Coating:	Elutriated
Bonding:	Resin over resin
Special coating:	
Equipment:	







Properties	Technology
Removal rate:	6 - Medium
Lifetime:	10 - very long
Finishing:	10 - very good
Flexibility:	9 - highly flexible
Contact pressure:	3 - little
	- microtec

Advantages	
General Fabrication:	<ul style="list-style-type: none">- Improved optical performance- Maximum light transmission in the termination- High-gloss polished surface finish- For clearly defined standard scratch depth values- Maximum useful life- Even cross sanding

Applications	
General Fabrication:	<ul style="list-style-type: none">- Finishing of ceramic/fibreglass terminations (fibre optics)- Finishing of hardened steel rollers- Finishing of watch cases and bracelets- Finishing of test objects (metallurgy)

Material	
General Fabrication:	

Conversion forms	Upper conversion	Lower conversion
	Rolls	- Abrasive film rolls
	Sheet	- Standard sheets
	Discs	- Various discs

Application	Superordinate group	Subgroup
	Manual sanding	Hand sanding for edges
	Stationary belt sanding	Centreless belt sanding
	Stationary machine sanding	belt finisher
	Stationary machine sanding	Fibre optic polisher
	Stationary machine sanding	Disc sanding and lapping machine
	Stationary machine sanding	Stationary disc sanding
Cut:	Wet sanding, Dry application	

Details	
No suitability for:	
Sanding recommendation:	
Safety recommendation:	<p>Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety</p> <ul style="list-style-type: none"> - Pay attention to the abrasives safety data sheet (available from sia Abrasives) - Follow the general FEPA safety recommendations - Use eye and face protection - Use an effective dust extraction unit or wear a fine dust mask

Communication	
Claim:	For a consistent finish with hardened steel rolls as well as plasma ceramic and tungsten carbide rolls
Copy:	The elutriated 5230 microtec series is ideal for finishing hardened steel rolls as well as coated rolls (plasma ceramic / tungsten carbide). 5230 microtec also provides consistent and reproducible surface quality during the treatment of ceramic ferrules with fibre glass cores.



Communication			
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 533
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 7637

- Main application
- Secondary application