

Technical data sheet

5962 microtec



Status:	Ok
Approval:	14.09.2020

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

Product profile	
Grit type:	Aluminium oxide
Grit range (total):	
Backing:	Polyester film with anti-slip tape
Coating:	Electrostatic
Bonding:	Resin over resin
Special coating:	
Equipment:	

Properties		Technology
Removal rate:	6 - Medium	- microtec
Lifetime:	8 - long	
Finishing:	10 - very good	
Flexibility:	7 - flexible	
Contact pressure:	3 - little	

Advantages	
General Fabrication:	<ul style="list-style-type: none">- For clearly defined standard scratch depth values- Maximum useful life- Even cross sanding- High-gloss polished surface finish- May be used wet or dry, resistant to coolant- Grit is calibrated very precisely for fine surface finish

Applications	
General Fabrication:	<ul style="list-style-type: none">- Finishing of camshafts- Finishing of crankshafts- Finishing of steering assembly parts; finishing of shock absorber parts; finishing of valves; finishing of hydraulic components; finishing of pneumatic components; finishing of ball bearings- Finishing of test objects (metallurgy)- Finishing of watch cases and bracelets

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Material

General Fabrication:	Non-ferrous metals Stainless steel Steel	<ul style="list-style-type: none">● Non-ferrous metal● High-alloy steels● Unalloyed / low-alloy steel
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Conversion forms

	Upper conversion	Lower conversion
	Rolls	- Abrasive film rolls
	Sheet	- Standard sheets
	Discs	- Self-adhesive discs - Various discs
	Belts	- Narrow, edge and long belts (width: 25–399 mm/length: up to 10,700 mm) - Power file belts (width: 6-30 mm/length: up to 950 mm)

Application

	Superordinate group	Subgroup
	Manual sanding	Manual sanding
	Stationary belt sanding	Contact belt sanding
	Stationary machine sanding	belt finisher
	Stationary machine sanding	Disc sanding and lapping machine
Cut:	Dry application, Wet sanding	

Details

No suitability for:	
Sanding recommendation:	
Safety recommendation:	Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety <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 consistent finishing results in clamping shoe applications for vehicle and machine production
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Communication			
Copy:	The coated 5962 microtec series is an aluminium oxide finishing product with a polyester backing, an anti-slip coating and resin over resin bonding which delivers reproducible surface finishes and defined tolerances during the production of precision components such as crankshafts and camshafts.		
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 913
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 7637

- Main application
- Secondary application