

Technical data sheet

5930 microtec



Status:	Ok
Approval:	13.08.2019

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):	Micron
Backing:	Polyester film
Coating:	Elutriated
Bonding:	Resin over resin
Special coating:	
Equipment:	

Properties	Technology
Removal rate:	6 - Medium
Lifetime:	8 - long
Finishing:	10 - very good
Flexibility:	9 - highly flexible
Contact pressure:	3 - little
	- microtec





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 copper rollers; finishing of chrome/hard chrome rollers; finishing of zinc rollers- 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




Material

General Fabrication:	Non-ferrous metals Non-ferrous metals Stainless steel Stainless steel	<ul style="list-style-type: none"> ● Copper ● Zinc ● High-alloy steels ● Stainless steel (inox)
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Conversion forms

	Upper conversion	Lower conversion
	Rolls	- Abrasive film rolls
	Sheet	- Standard sheets
	Belts	- Narrow, edge and long belts (width: 25–399 mm/length: up to 10,700 mm)
	System components	- Cabrons

Application

	Superordinate group	Subgroup
	Manual sanding	Manual sanding
	Stationary belt sanding	Centreless belt sanding
	Stationary machine sanding	belt finisher
	Stationary machine sanding	Disc sanding and lapping machine
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:	With perfectly calibrated grit for a perfect finish
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Communication			
Copy:	The elutriated 5930 microtec series is, among other things, ideal for the production of steering and damper components as well as for hydraulic and pneumatic components, watchcases, chrome and copper rolls.		
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 537
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 7637

- Main application
- Secondary application