

Technical data sheet

5930 microtec



MKP person responsible:	Armin Landert
Status:	Ok
Approval:	31.05.2016

Classification	Public series
Product type:	Coated abrasives
Main application area:	Metal

Product profile	
Grit type:	Aluminium oxide
Grit range (total):	Micron
Backing:	Polyester foil
Coating:	elutriated
bonding:	Resin over resin
Special coating:	
Equipment:	

Properties		Technology
Cut:	6 - medium	
Lifetime:	8 - long	
Finishing:	10 - very good	
Flexibility:	9 - highly flexible	
Contact pressure:	3 - little	

Advantages	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none">- For clearly defined standard scratch depth values- Maximum durability- 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
Panels:	

Applications	
Coatings & composites:	
Wood:	
Metal:	<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



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Applications	
Panels:	

Material	Superordinate group	Subgroup
Coatings & composites:		
Wood:		
Metal:	High alloy steels High alloy steels Non-ferrous metals Non-ferrous metals	<ul style="list-style-type: none"> ● High-alloy steel ● Stainless steel (inox) ● Copper ● Zinc
Panels:		

Conversion forms	Upper conversion	Lower conversion
	Rolls	- film rolls
	Sheets	- Standard curves

Use	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:	<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



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.		
Industrial Verticals:	- Watches and Jewellery - Surgery - Rollers and Cylinders	- Motors and Drives	
Image material:	Product Top View (PTV)	Front side: Reverse side:	ID 4868 ID 4868
	Application image	Coatings & composites: Wood: Metal: Panels:	ID 537
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 7637

- Main application
- Secondary application