## **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

<b>Product profile</b>			
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	- microtec
Lifetime:	8 - long	
Finishing:	10 - very good	
Flexibility:	9 - highly flexible	
Contact pressure:	3 - little	

Advantages		
General Fabrication:	<ul> <li>For clearly defined standard scratch depth values</li> <li>Maximum useful life</li> <li>Even cross sanding</li> <li>High-gloss polished surface finish</li> <li>May be used wet or dry, resistant to coolant</li> <li>Grit is calibrated very precisely for fine surface finish</li> </ul>	

Applications	
General Fabrication:	<ul> <li>Finishing of copper rollers; finishing of chrome/hard chrome rollers; finishing of zinc rollers</li> <li>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</li> <li>Finishing of test objects (metallurgy)</li> <li>Finishing of watch cases and bracelets</li> </ul>

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Material		
General Fabrication:	Non-ferrous metals	<ul><li>Copper</li></ul>
	Non-ferrous metals	<ul><li>Zinc</li></ul>
	Stainless steel	<ul><li>High-alloy steels</li></ul>
	Stainless steel	<ul> <li>Stainless steel (inox)</li> </ul>

<b>Conversion forms</b>	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: Observe the current valid safety recommendations at: www.sia-abrasives.com > Safety	
	- 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				
Сору:	steering and damper components	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: Rear side:	ID ID	
	Application image	General Fabrication:	ID 537	
	Product show:			
	Macro shot:			
	Packaging image:			
	Product group image:		ID 7637	

Main applicationSecondary application