



# Spiralbands

The specialist solution for grinding and finishing shaped surfaces

# spiralbands

sia-spiralbands provide surface finishing solutions for hard to reach places, internal pipe diameters and various contours. The range addresses all kind of metals: alox is best suited on softer metals like aluminium and non ferrous metals, the active additives containing zirconia are the allround champions on all metals and the aggressive ceramic are for faster working on tougher stainless and high alloy metals.



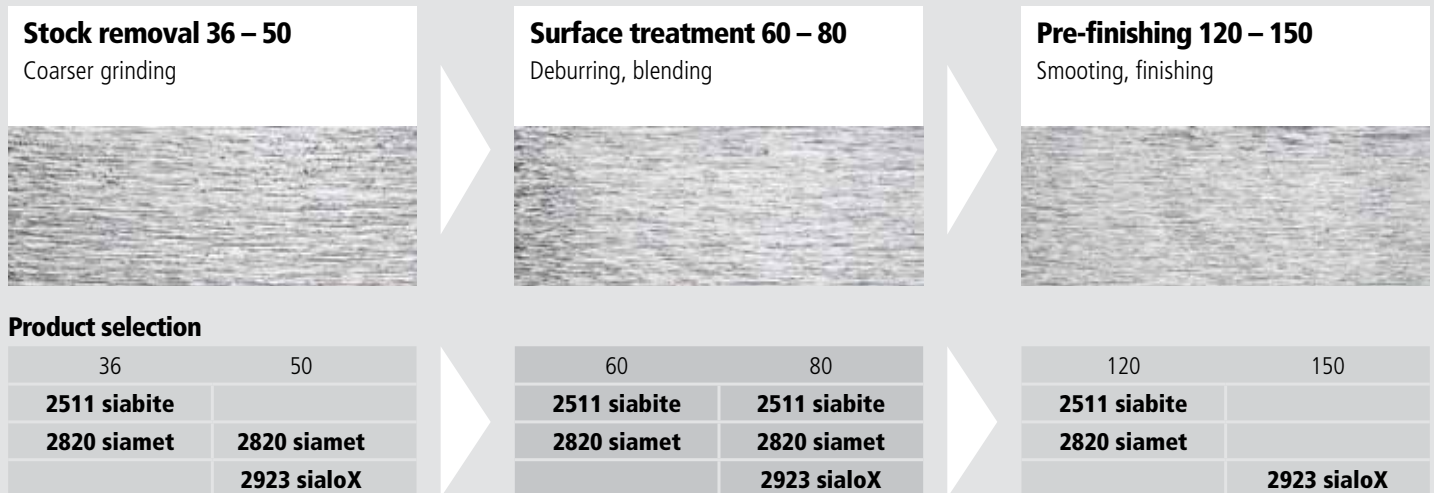
## Advantages of sia-spiralbands

- Comprehensive range to finish all internal diameters for pipes, tubes and hard to reach areas
- Suitable for all kinds of material thanks to the broad selection of grains

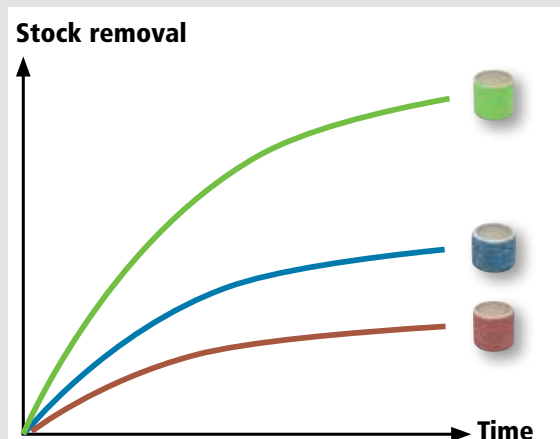
## Applications

- Deburring
- Finishing
- Smoothing
- Blending
- Preparing

## The complete system solution



## Comparison: Performance on Stainless Steel



### 2511 siabite




– up to 200 % higher performance than 2923 sialoX  
Best suited for stainless steel and high-alloy steel thanks to ceramic grains along with top coat.

### 2820 siamet

– up to 70% higher performance than 2923 sialoX  
Allrounder range suited for mild steel as well as for high alloy steel thanks to high edge stability and active additives.

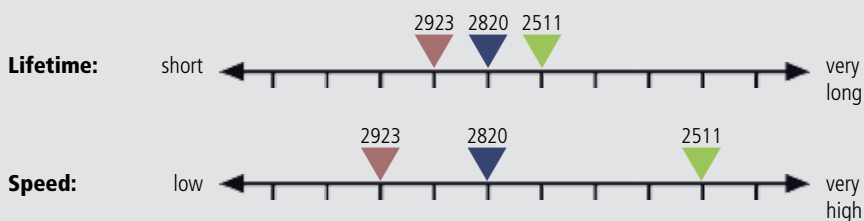
### 2923 sialoX

Entry level range with an excellent price performance ratio on mild steel and non-ferrous metals.

Spiralband range	2511 siabite	2820 siamet	2923 sialoX
			
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Up to 200 % more stock removal than Alox</li> <li>• Up to 15 % longer lifetime than competition equivalent</li> <li>• Heat reduced cutting</li> <li>• Excellent price performance ratio</li> </ul>	<ul style="list-style-type: none"> <li>• Up to 70 % more stock removal than Alox</li> <li>• Effective on both mild steel and stainless steel</li> </ul>	<ul style="list-style-type: none"> <li>• Good Surface quality</li> <li>• Most economical product for the mild steel industry</li> </ul>
<b>Product profile</b>			
Grit type:	Ceramic aluminium oxide	Zirconia	Aluminium oxide
Grit range:	36; 60; 80; 120	36; 50; 60; 80; 120	50; 80; 150
Backing:	y-wt cloth	y-wt cloth	x-wt cloth
Coating:	Cooling top coat	Active additives	–
<b>Materials</b>			
Non-alloy / low-alloy / mild steels	▽	▼	▼
High alloy steel / stainless steel	▼	▽	▽
Non-ferrous metals		▽	▼
Other metals	▽	▽	
<b>Application</b>			
Heavy	▼	▽	
Standard	▼	▼	▼
Light	▽	▽	▽
<b>Dimensions</b>			
Diameter	15 – 75 mm	10 – 60 mm	10 – 75 mm
Width	20 – 30 mm	20 – 30 mm	20 – 30 mm

▼ Main application    ▽ Secondary application

## The right product for your application



### Accessories: Expanding rubber drums, with spindle

The high quality rubber holders offer best grip and thus maximum output from each spiralband.  
The spiralband holder range includes all common sizes and supports all the three ranges: Alox, Zirconia and Ceramic.

Available dimensions:  
Diameter 10 – 75 mm  
Width 20 mm – 30 mm  
Spindle 6 mm





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Your Key to a Perfect Surface

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