Spiralbands
The specialist solution for grinding and finishing shaped surfaces
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

**Stock removal 36 – 50**
Coarser grinding

**Surface treatment 60 – 80**
Deburring, blending

**Pre-finishing 120 – 150**
Smoothing, finishing

Product selection

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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
---|---|---|---
Advantages | • Up to 200 % more stock removal than Alox | • Up to 70 % more stock removal than Alox | • Good Surface quality
• Up to 15 % longer lifetime than competition equivalent | • Effective on both mild steel and stainless steel | • Most economical product for the mild steel industry
• Heat reduced cutting
• Excellent price performance ratio

Product profile
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 –

Materials
Non-alloy / low-alloy / mild steels ▼ ▼ ▼
High alloy steel / stainless steel ▼ ▼ ▼
Non-ferrous metals ▼ ▼ ▼
Other metals ▼ ▼ ▼

Application
Heavy ▼ ▼ ▼
Standard ▼ ▼ ▼
Light ▼ ▼ ▼

Dimensions
Diameter 15 – 75 mm 10 – 60 mm 10 – 75 mm
Width 20 – 30 mm 20 – 30 mm 20 – 30 mm

The right product for your application

Lifetime: short 2923 2820 2511 very long
Speed: low 2923 2820 2511 very high

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
Your Key to a Perfect Surface

www.sia-abrasives.com