



## Ceramic oxide grain abrasive spiral band GSB cylindrical dia. 25x25 mm CO-COOL36 maximum stock removal on stainless steel

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Item number: [42207702](#)

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For aggressive grinding with maximum stock removal rate on hard and tough materials which do not conduct heat well. Consistently high performance due to self-sharpening ceramic oxide grain. Active grinding additives in the coating substantially improve the stock removal rate, prevent clogging and result in cooler grinding.

In ISO 2421, abrasive spiral bands are designated as "cylindrical sleeves".

GSB = bulk pack of abrasive spiral bands

### Technical information

|               |                        |
|---------------|------------------------|
| Abrasive      | CO-COOL                |
| Dia internal  | 25 mm                  |
| Dia. external | 25 mm                  |
| Grit size     | 36                     |
| Height        | 25 mm                  |
| RPM, optimum  | 16.000 - 22.900<br>RPM |

## Advantages

- ✓ The abrasive spiral band is firmly held in place on the rubber drum holder as the holder expands during use.
- ✓ Excellent tool life due to special manufacturing process – even under the most demanding operating conditions.
- ✓ Maximum economic efficiency thanks to particularly high stock removal rate and aggressive abrasive quality.
- ✓ The packaging size is ideally suited to industrial requirements.

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## Recommendations for use

- ✓ To easily change the abrasive spiral bands, give them a slight clockwise twist and pull them up and off. When doing so, leave the rubber drum holder clamped in the tool drive.
- ✓ To ensure the abrasive spiral band is securely attached, adhere to the minimum speed for the rubber drum holder.
- ✓ For the best results, use at a recommended cutting speed of 20-30 m/s.
- ✓ Use grinding oil that is suitable for the material in order to significantly increase the tool life and the abrasive performance of the tools.

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## Ordering notes

- ✓ Please order rubber drum holder separately.
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## Safety notes

- ✓ The maximum permitted peripheral speed is 30 m/s.
- ✓ For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.
- ✓ Do not allow abrasive spiral bands to protrude beyond the rubber drum holder.

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## Materials that can be worked

- ✓ Aluminium
- ✓ Annealed cast iron
- ✓ Bronze
- ✓ Cobalt-based alloys
- ✓ Grey/nodular cast iron (GG/GJL, GGG/GJS)
- ✓ Nickel-based alloys (e.g. Inconell and Hastelloy)
- ✓ Stainless steel (INOX)
- ✓ Titanium

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## Applications

- ✓ Deburring
- ✓ Leveling
- ✓ Roughening
- ✓ Sharpening
- ✓ Step-by-step fine grinding
- ✓ Surface work
- ✓ Working on edges
- ✓ Work on weld seams

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## Drive types

- ✓ Flexible shaft drive
  - ✓ Straight grinder
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