

## **Tungsten carbide burr conical pointed SKM dia. 03x11 mm shank dia. 3 mm Z5 universal fine**



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Item number: [21214153](#)

EAN: [4007220049846](#)

Cut 5 is especially well-suited to fine machining of cast iron, steel, stainless steel (INOX) and high-temperature-resistant materials such as nickel-based and cobalt-based alloys. It achieves a good surface.

Tungsten carbide burrs for general applications are suitable for fine and coarse stock removal on the key materials used in industrial manufacturing. They provide a good stock removal rate and are not specific to a particular material.

Conical pointed burr according to DIN 8032 with cut conforming to DIN 8033, flattened tip.

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## Technical information

Angle	14 °
Cut	5
Dia. external	3 mm
Dia. shank	3 mm
Length, cut	11 mm
Length, total	41 mm
RPM, hard non-ferrous metals	37.000 - 48.000 RPM
RPM, hardened, heat-treated steels over 1,200 N/mm <sup>2</sup>	37.000 - 48.000 RPM
RPM, high-temperature-resistant materials	37.000 - 64.000 RPM
RPM, rust and acid-resistant steels	37.000 - 48.000 RPM
RPM, steels up to 1,200 N/mm <sup>2</sup>	48.000 - 64.000 RPM

## Advantages

- ✔ Good stock removal rate through optimum matching of tungsten carbide, geometry, cut and available coating.
- ✔ Long tool life.
- ✔ The highly accurate concentricity enables impactfree working without creating chatter marks. This considerably reduces wear on the tool and tool drive.
- ✔ High surface quality.

## Recommendations for use

- ✔ To ensure costeffective use of burrs, use a higher rotational speed and cutting speed. Use burrs with a shank diameter of 3 mm with drives with a power output of 75 to 300 watts.

## Materials that can be worked

- ✓ Bronze
- ✓ Case-hardened steels
- ✓ Cast steel
- ✓ Cobalt-based alloys
- ✓ Hard aluminium alloys
- ✓ Hardened, heat-treated steels over 1.200 N/mm<sup>2</sup> (< 38 HRC)
- ✓ Hard non-ferrous metal
- ✓ High-temperature-resistant materials
- ✓ Nickel-based alloys (e.g. Inconell and Hastelloy)
- ✓ Stainless steel (INOX)
- ✓ Steel
- ✓ Steel, cast steel
- ✓ Steels over 700 N/mm<sup>2</sup> (> 220 HB)
- ✓ Steels up to 1,200 N/mm<sup>2</sup> (< 38 HRC)
- ✓ Steels up to 700 N/mm<sup>2</sup> (< 220 HB)
- ✓ Titanium
- ✓ Titanium alloys
- ✓ Tool steels

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## Applications

- ✓ Cutting out holes
  - ✓ Deburring
  - ✓ Leveling
  - ✓ Milling
  - ✓ Milling out
  - ✓ Surface work
  - ✓ Work on weld seams
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## Drive types

- ✔ Automated centres
  - ✔ Drive spindle
  - ✔ Flexible shaft drive
  - ✔ Straight grinder
  - ✔ Tool machine
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