

## Tungsten carbide burr ball KUD dia. 10x09 mm shank dia. 6 mm Z3 universal medium cut



**Tungsten carbide burr ball KUD dia. 10x09 mm shank dia. 6 mm Z3 universal medium cut**

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Cut 3 is especially well-suited to machining of cast iron, steel, stainless steel (INOX), nickel-based alloys and titanium alloys. It is characterized by its high stock removal rate and 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.

Ball-shaped burr according to DIN 8032 with cut conforming to DIN 8033.

### Technical information

Cut	3
Dia. external	10 mm
Dia. shank	6 mm
Length, cut	9 mm
Length, total	49 mm
RPM, grey cast iron, white cast iron	14.000 - 19.000 RPM
RPM, hard non-ferrous metals	8.000 - 11.000 RPM
RPM, hardened, heat-treated steels over 1,200 N/mm <sup>2</sup>	8.000 - 11.000 RPM
RPM, rust and acid-resistant steels	8.000 - 11.000 RPM
RPM, soft non-ferrous metals	14.000 - 19.000 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.
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## Recommendations for use

- ✔ To ensure costeffective use of burrs, use a higher rotational speed and cutting speed. Use burrs with a shank diameter of 6 mm with drives with a power output from 300 watts.
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## Materials that can be worked

- ✓ Annealed cast iron
  - ✓ Black annealed cast iron (GTS, GJMB)
  - ✓ Brass
  - ✓ Bronze
  - ✓ Case-hardened steels
  - ✓ Cast iron
  - ✓ Cast steel
  - ✓ Copper
  - ✓ Grey/nodular cast iron (GG/GJL, GGG/GJS)
  - ✓ Hard aluminium alloys
  - ✓ Hardened, heat-treated steels over 1.200 N/mm<sup>2</sup> (< 38 HRC)
  - ✓ Hard non-ferrous metal
  - ✓ Soft non-ferrous metal
  - ✓ 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
  - ✓ White annealed cast iron (GTW, GJMW)
  - ✓ Zinc
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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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