

Tungsten carbide burr cylindrical ZYAS end cut dia. 06x16mm shank dia. 6mm Z3P universal medium cross cut



**Tungsten carbide burr cylindrical ZYAS end cut dia.
06x16mm shank dia. 6mm Z3P universal medium cross cut**

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Cut 3 PLUS is cross cut and 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.

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.

Cylindrical burr according to DIN 8032 with circumferential and end cut conforming to DIN 8033.

Technical information

Cut	3 PLUS
Dia. external	6 mm
Dia. shank	6 mm
Length, cut	16 mm
Length, total	55 mm
RPM, grey cast iron, white cast iron	24.000 - 32.000 RPM
RPM, hard non-ferrous metals	13.000
RPM, hardened, heat-treated steels over 1,200 N/mm ²	13.000 - 19.000 RPM
RPM, high-temperature-resistant materials	13.000 - 24.000 RPM
RPM, rust and acid-resistant steels	13.000 - 19.000 RPM
RPM, soft non-ferrous metals	24.000
RPM, steels up to 1,200 N/mm ²	24.000 - 32.000 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 cost-effective 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.

Materials that can be worked

- ✔ Annealed cast iron
 - ✔ Black annealed cast iron (GTS, GJMB)
 - ✔ Case-hardened steels
 - ✔ Cast iron
 - ✔ Cast steel
 - ✔ Cobalt-based alloys
 - ✔ Grey/nodular cast iron (GG/GJL, GGG/GJS)
 - ✔ Hard aluminium alloys
 - ✔ Hardened, heat-treated steels over 1.200 N/mm² (< 38 HRC)
 - ✔ High-temperature-resistant materials
 - ✔ Nickel-based alloys (e.g. Inconel and Hastelloy)
 - ✔ Stainless steel (INOX)
 - ✔ Steel
 - ✔ Steel, cast steel
 - ✔ Steels over 700 N/mm² (> 220 HB)
 - ✔ Steels up to 1,200 N/mm² (< 38 HRC)
 - ✔ Steels up to 700 N/mm² (< 220 HB)
 - ✔ Tool steels
 - ✔ White annealed cast iron (GTW, GJMW)
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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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