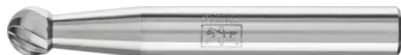




Tungsten carbide burr ball KUD dia. 06x05 mm shank dia. 6 mm Z3 universal medium cut



Tungsten carbide burr ball KUD dia. 06x05 mm shank dia. 6 mm Z3 universal medium cut

Item number: [21112536](#)

EAN: [4007220046838](#)

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 burs 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	6 mm
Dia. shank	6 mm
Length, cut	5 mm
Length, total	45 mm
RPM, grey cast iron, white cast iron	24.000 - 32.000 RPM
RPM, hard non-ferrous metals	13.000 - 19.000 RPM
RPM, hardened, heat-treated steels over 1,200 N/mm ²	13.000 - 19.000 RPM
RPM, rust and acid-resistant steels	13.000 - 19.000 RPM
RPM, soft non-ferrous metals	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.

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/mm² (< 38 HRC)
 - ✓ Hard non-ferrous metal
 - ✓ Soft non-ferrous metal
 - ✓ 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)
 - ✓ 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

- ✓ Drive spindle
 - ✓ Flexible shaft drive
 - ✓ Robot
 - ✓ Stationary machines
 - ✓ Straight grinder
 - ✓ Tool machine
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