



## **Tungsten carbide high-performance burr conical pointed SKM dia. 10x20 mm shank dia. 6 mm Z3P HICOAT universal**



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Cut 3 PLUS with HICOAT coating HC-FEP is characterized by its high hardness and wear resistance. It enables effective chip removal through improved anti-adhesion characteristics and is highly temperature-resistant. It allows for a longer tool life and use at higher cutting speeds in comparison with uncoated burrs.

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

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## Technical information

Angle	28 °
Cut	3 PLUS HC-FEP
Dia. external	10 mm
Dia. shank	6 mm
Length, cut	20 mm
Length, total	60 mm
RPM, grey cast iron, white cast iron	18.000 - 24.000 RPM
RPM, hardened, heat-treated steels over 1,200 N/mm <sup>2</sup>	8.000 - 14.000 RPM
RPM, high-temperature-resistant materials	19.000 RPM
RPM, rust and acid-resistant steels	11.000 - 14.000 RPM
RPM, steels up to 1,200 N/mm <sup>2</sup>	14.000 - 24.000 RPM

## Advantages

- ✔ The highly accurate concentricity enables impactfree working without creating chatter marks. This considerably reduces wear on the tool and tool drive.

## Recommendations for use

- ✔ If the smallest area of the burr diameter is being used, the recommended rotational speed can be increased accordingly.
- ✔ 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.

## Materials that can be worked

- ✓ Annealed cast iron
  - ✓ Brass
  - ✓ Bronze
  - ✓ Case-hardened steels
  - ✓ Cast steel
  - ✓ Hard aluminium alloys
  - ✓ Hardened, heat-treated steels over 1.200 N/mm<sup>2</sup> (< 38 HRC)
  - ✓ 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)
  - ✓ 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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**PFERD  
TOOLS**



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