

## Tungsten carbide high-performance burr INOX tree shape with radius end RBF dia. 12x25 mm shank dia. 6 mm for stainless steel



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With the INOX cut, PFERD TOOLS has developed innovative burrs for work on stainless steel (INOX). The INOX cut is characterized by an extremely high stock removal rate on all austenitic steels, as well as rust- and acid-resistant steels. It generates significantly less vibration than a comparable cross cut.

Tree-shaped burr with radius end according to DIN 8032.

### Technical information

Cut	INOX
Dia. external	12 mm
Dia. shank	6 mm
Length, cut	25 mm
Length, total	65 mm
RPM, hard non-ferrous metals	7.000 - 12.000 RPM
RPM, rust and acid-resistant steels	12.000 - 16.000 RPM
RPM, soft non-ferrous metals	7.000 - 12.000 RPM
Radius corner design	2.5 mm

## Advantages

- ✓ Excellent stock removal rate and tool life due to innovative tooth geometry.
- ✓ Achieves high surface qualities through optimum chip formation.
- ✓ Prevents heat discolouration in the material due to reduced heat production.
- ✓ 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 prevent vibrations, place the tools on powerful drives with an elastically supported spindle wherever possible.
- ✓ Observe the recommended rotational speeds.
- ✓ 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.

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## Safety notes

- ✓ The very high stock removal rate can cause discolouration on the shank. This does not constitute a safety risk.

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## Materials that can be worked

- ✓ Hard non-ferrous metal
  - ✓ Stainless steel (INOX)
  - ✓ Titanium
  - ✓ Titanium alloys
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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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