



Tungsten carbide burr set 1507 cut 3 PLUS 3-piece dia. 12 mm shank dia. 6 mm 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 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.

Set 1507 – cut 3 PLUS – contains three tungsten carbide burs in the most common shapes and dimensions for applications in the workshop. The sturdy plastic box protects the tools against dirt and damage.

Technical information

Cut	3 PLUS
Dia. shank	6 mm
PFERD TOOLS type	1507 Z3 PLUS

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.

Materials that can be worked

- ✓ Annealed cast iron
 - ✓ Black annealed cast iron (GTS, GJMB)
 - ✓ Brass
 - ✓ Bronze
 - ✓ 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, cast steel
 - ✓ Steel materials with a hardness > 54 HRC
 - ✓ 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)
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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
 - ✓ Flexible shaft drive
 - ✓ Robot
 - ✓ Straight grinder
 - ✓ Tool machine
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