



Tungsten carbide small high-performance burr set 1603 ALU 10-piece dia. 6/3 mm shank dia. 3 mm aluminium/non-ferrous metals

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PFERD TOOLS has further developed the ALU cut especially for stock removal on aluminium. This cut is characterized by its high stock removal rate.

Set 1603 ALU contains ten small tungsten carbide burrs for processing aluminium in the most common shapes and dimensions. The sturdy plastic box protects the tools against dirt and damage.

Technical information

Cut	ALU
Dia. shank	3 mm
PFERD TOOLS type	1603 ALU

Advantages

- ✓ Extremely high stock removal rate.
- ✓ Large chips.
- ✓ Reduced material adhesion.
- ✓ Long tool life and smooth running.
- ✓ Can be used with cutting speeds of up to 1,100 m/min.
- ✓ The highly accurate concentricity enables impactfree working without creating chatter marks and the drive is subject to less wear.

Recommendations for use

- ✓ To prevent vibrations, place the tools on powerful drives with an elastically supported spindle wherever possible.
- ✓ Observe the recommended rotational speeds.

Materials that can be worked

- ✓ Aluminium
- ✓ Brass
- ✓ Bronze
- ✓ Copper
- ✓ Fibre-reinforced thermosetting plastics (GRP, CRP)
- ✓ Hard aluminium alloys
- ✓ Hard non-ferrous metal
- ✓ Plastics
- ✓ Soft aluminium alloys
- ✓ Thermoplastics
- ✓ Zinc

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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