



Tungsten carbide high-performance burr ALU ball KUD dia. 06x05mm shank dia. 3mm for 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.

Ball-shaped burr according to DIN 8032.

Technical information

Cut	ALU
Dia. external	6 mm
Dia. shank	3 mm
Length, cut	5 mm
Length, total	35 mm
RPM, hard non-ferrous metals	32.000 - 59.000 RPM
RPM, soft non-ferrous metals	32.000 - 59.000 RPM
RPM, thermoplastics, fibre-reinforced plastics (GRP/CRP)	32.000 - 59.000 RPM

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. This considerably reduces wear on the tool and tool drive.

Recommendations for use

- ✓ To prevent vibrations, place the tools on powerful drives with an elastically supported spindle wherever possible.
 - ✓ Observe the recommended rotational speeds.
 - ✓ To ensure costeffective use of burrs, use a higher rotational speed and cutting speed. Use burrs with a shank diameter of 3 mm with drives with a power output of 75 to 300 watts.
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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
- ✓ Soft non-ferrous metal
- ✓ Thermoplastics
- ✓ Tough aluminium alloys
- ✓ 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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