



TOUGH mounted point cylindrical dia. 16x32 mm shank dia. 6 mm C030 for materials that are difficult to machine

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dia. 6 mm C030 for materials that are difficult to machine**

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The TOUGH type is specifically designed for use on titanium materials, nickel-based and cobalt-based alloys, hardened steel components and built-up weld deposits.

Its applications include weld dressing on repair welds and reworking on turbine blades during aircraft maintenance, as well as regrinding of repair welds in tool and mould-making.

The cylindrical shape ZY is ideal for grinding bores, radii and contours.

Technical information

Dia. external	16 mm
Dia. shank	6 mm
Grit size	30
Length, shank	40
Max. RPM	51200 RPM
PFERD TOOLS type	ZY 1632 6 AWCO 30 J5V TOUGH
RPM, optimum	51200 RPM
Width	32 mm

Advantages

- ✓ Cool grinding as the grain mix is easy to break down.
- ✓ High stock removal rates and very good tool life.
- ✓ Constant stock removal rates thanks to the self-sharpening qualities of the ceramic oxide grain.

Recommendations for use

- ✓ TOUGH mounted points perform best at a cutting speed of 30 to 50 m/s.

Safety notes

- ✓ The maximum permitted rotational speed relates to the unsupported shank length of 10 mm.

Materials that can be worked

- ✓ Cobalt-based alloys
- ✓ Hardened, heat-treated steels over 1.200 N/mm² (< 38 HRC)
- ✓ High-temperature-resistant materials
- ✓ Nickel-based alloys (e.g. Inconell and Hastelloy)
- ✓ Titanium
- ✓ Titanium alloys

Applications

- ✓ Deburring
- ✓ Finishing
- ✓ Grinding out
- ✓ Grouting
- ✓ Leveling
- ✓ Surface work
- ✓ Working on edges (chamfering, rounding)
- ✓ Work on weld seams

Drive types

- ✓ Flexible shaft drive
 - ✓ Straight grinder
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**PFERD
TOOLS**



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