



Tungsten carbide high-performance burr set 1414 ALLROUND HC-FEP 3-piece shank dia. 6 mm universal coarse

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ALLROUND HC-FEP 3-piece shank dia. 6 mm universal
coarse

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High-performance cut ALLROUND with HICOAT coating HC-FEP is characterized by its high degree of hardness and wear resistance. It enables effective chip removal through improved anti-adhesion characteristics and is highly temperature-resistant. It allows for a longer tool life and use at higher cutting speeds in comparison with uncoated burrs.

The 1414 ALLROUND HC-FEP set contains three versatile tungsten carbide burrs with high-quality HICOAT coating for use on important materials such as steel and cast steel, stainless steel (INOX), non-ferrous metals and cast iron in the most common shapes and dimensions. The sturdy plastic box protects the tools from dirt and damage.

Technical information	Cut	ALLROUND HC-FEP
	Dia. shank	6 mm
	PFERD TOOLS	1414 ALLROUND
	type	HC-FEP

Advantages

- ✓ High hardness and wear resistance.
- ✓ Effective chip removal through improved anti-adhesion characteristics.
- ✓ Very high resistance against thermal load.
- ✓ Increased tool life.
- ✓ Also suitable for use at higher cutting speeds when compared with uncoated burrs.
- ✓ 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.

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

- ✓ Case-hardened steels
 - ✓ Cast steel
 - ✓ Hard aluminium alloys
 - ✓ Hardened, heat-treated steels over 1.200 N/mm² (< 38 HRC)
 - ✓ Steel
 - ✓ Steel, cast steel
 - ✓ Steels over 700 N/mm² (> 220 HB)
 - ✓ Steels up to 1,200 N/mm² (< 38 HRC)
 - ✓ Steels up to 700 N/mm² (< 220 HB)
 - ✓ Tool steels
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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
 - ✓ Robot
 - ✓ Straight grinder
 - ✓ Tool machine
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**PFERD
TOOLS**



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