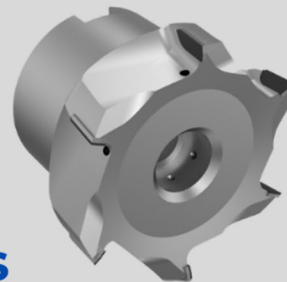


INDUSTRY NEWS



FACEMILL - DIAMOND - ES

THE VERSATILE PCD FACE MILLING CUTTER FOR SMALL QUANTITIES!

The new FaceMill-Diamond-ES is a versatile entry-level addition to the PCD face milling cutters in MAPAL's FaceMill-Diamond family. The milling cutters have fewer blades than the established FaceMill-Diamond tools, making them a more cost-effective and economical solution. With a diameter of 50 mm, for instance, the FaceMill-Diamond-ES has five blades, while the classic FaceMill-Diamond has twelve.

Another difference is the area of application: The FaceMill-Diamond-ES is suitable for shoulder milling, trimming and machining thinwalled parts, as well as face milling. The milling cutters in the FaceMill-Diamond-ES series can be reground and re-equipped. They are exclusively available as milling cutters for arbor mounting.

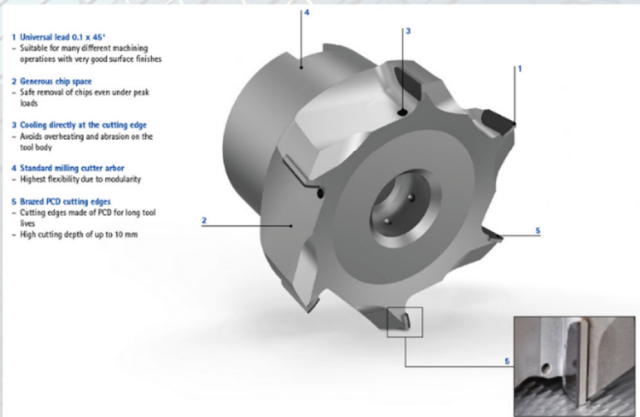
Features

- Standard milling cutter arbor
- Cooling directly at the cutting edge
- Generous chip space
- Universal lead $0.1 \times 45^\circ$
- Brazed PCD cutting edges

Advantages

- Highest flexibility due to modularity
- Avoids overheating and abrasion on the tool body
- Safe removal of chips even under peak loads
- Cutting edges made of PCD for long tool lives
- High cutting depth of up to 10 mm
- Suitable for many different machining operations with very good surface finishes

	FaceMill-Diamond	FaceMill-Diamond-ES
Application area		
Allrounder for high component variance	●●●●●●●●	●●●●●●●●
Daily production volume	●●●●●●●●	●●●●●●●●
Contact time on the component	 Contact time: Long, straight travels	 Contact time: Many, short travels



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