Profil-DiaMaster

A diamond tool to profile wood derived materials and solid woods economically

leitz

Profile accurate to the last workpiece

The modular design concept makes it possible

Combining the efficiency of diamond as a cutting material, with low-price and quick delivery through a modular design concept for shank tools solves most of your router machining needs reliably, quickly and economically.

From simple chamfers and bevels to decorative grooves, T-grooves, ogee- and joint profiles, surface planing, apertures and profiles – CNC router cutters offer quality and flexibility to help you meet the customer requirements. Why shouldn't you require that from your tools as well?

- 11 basic designs to suit most machining operations.
- A profile sketch or wood sample, all that is needed to determine the tool price on site.
- Optimised, standardised production means economic tools are available quickly.
- Special requirements can be calculated quickly e.g. z2 instead of z1 or a split cut with either z1+1 or z2+2.
- Continuous cutting tips of the standard designs ensure the profile is free from overlapping edges, even in MDF and solid woods.
- Single or double sided shear angles for the highest possible edge quality.
- Polished PCD tips to improve the chip flow and minimise resin build up.
- Choosing the strongest PCD grade allows small wedge angles and sharp cutting edges for clear cuts even in solid wood end grain.
- Resharpening area of 2 mm gives on average 5 sharpens so efficient and profile accurate to the last workpiece.

Economic, efficiency and available quickly

The modular design concept allows Leitz to make high-quality PCD-tools available quickly and cheaply. From a drawing, sketch or profile sample, your Leitz tooling technician can quickly advise the price and possible design options of your new tool.

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