



ADJUSTING GUIDELINE EXPANSION SCREW – MV1000

IN GENERAL

μm -accurate adjustment of the diameter is possible by turning the expansion screw.
The adjustment range is max. 0.02 mm.

For Reaming operations with PCD or CBN tipped tools, Guhring has developed a unique solution, opening up completely new possibilities regarding accuracy and economic efficiency. Reaming tools with these technologies offer the user the following clear competitive advantages:

- Simple, quick and highly accurate diameter setting for first and second step.
- Both tool diameters can be re-adjusted when tool is in clamped condition.
- Machining of through and blind holes thanks to the integrated expansion screw in the tool point.
- Highest feed rates thanks to several cutting edges.
- Reduction in machining times.
- Maximum accuracy and extreme tool life.

Coolant Delivery directly to the cutting edges via expansion screw

- Optimal coolant delivery to the cutting edges thanks to radial coolant exits in the expansion screw.
- Optimal tool lubrication.
- Optimal chip evacuation from the hole.

Expansion Screw



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