

GUHRING

PILOT DRILLING HAS
NEVER BEEN SO EASY!



NEW

Pilot drill RT 100 P

GUHRING - YOUR WORLD-WIDE PARTNER



THE SPECIALIST FOR DIFFICULT PILOT DRILLING SITUATIONS

THE ADVANTAGES:

- ⇒ **ELIMINATING THE SPOT-FACING OPERATION:**
FEWER TOOLS +
FEWER TOOL CHANGE+
REDUCED MACHINE RUNNING TIME +
CONSIDERABLE COST REDUCTION!

- ⇒ **SIMPLE PILOT DRILLING:**
ON OBLIQUE SURFACES UP TO 45°
AND ON CONVEX SURFACES,
INCLUDING DRILLING OFF-CENTRE!

- ⇒ **180° POINT ANGLE:**
FOR FLAT BOTTOMED HOLES!

- ⇒ **UNIVERSALLY APPLICABLE
IN ALL MATERIALS:**
A TOOL FOR MANY MACHINING TASKS!

Save a machining operation and a tool in difficult pilot drilling situations such as oblique or convex surfaces!

The new pilot drill RT 100 P makes spot-facing with a milling cutter unnecessary. Thanks to its special point geometry with 180° point angle in the direction of the cutting corners and 170° centre point the radial forces and tool deflection are reduced considerably.

A reinforced core and the double margin design give the RT 100 P the necessary stability in order to achieve the required pilot hole quality.

The RT 100 P is available as a special tool. The tool diameter and length are designed to suit to your specific application.



Pilot drilling has never been so easy:

- Step 1:** Pilot drilling on oblique and convex surfaces with reduced feed rate until the tool is engaged with the complete diameter (drilling depth $0.2 \times D$).
- Step 2:** Withdraw from the hole with double the feed rate in order for the RT 100 P to cut itself free.
- Step 3:** Finish drilling pilot hole at full feed rate without wood-pecking (drilling depth 1 to $2 \times D$).
- Step 4:** Drilling to full hole depth, i.e. with spiral-fluted deep hole drill RT 100 T or a single-flute gun drill.

DRILLING

TAPPING/THREAD
MILLING/FLUTELESS
TAPPING

MILLING

REAMING

PCD



SPECIAL
SOLUTIONS

COUNTERSINKING

MODULAR SYSTEMS

SERVICES

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