

EXCLUSIVE LINE®

RT 100 T – ex-stock range

Available ex-stock now: The spiral-flute deep hole drill RT 100 T. The program includes standard drills for drilling depths up to 20 x D, 25 x D and 30 x D. The RT 100 T ex-stock range offers an outstanding cost-performance-ratio as well as availability. Moreover, the RT 100 T drills permit highest cutting and feed rates and subsequently achieve a considerable reduction in machining time.

These advantages are achieved thanks to the following attributes:

Optimised flute geometry

The spiral-flute deep hole drills possess a special flute geometry that is optimised to the specific demand for optimal chip evacuation from the deep hole. (fig. 1)

Maximised coolant duct profile

To provide the cutting edge with an optimum coolant supply, the tools possess a maximised coolant duct profile. It ensures an efficient coolant supply to the cutting edge as well as excellent chip evacuation. (fig. 2)

Problem-free swarf

The factors described above – in combination with the cutting parameters optimally adapted to the application task – result in chips that are evacuated problem-free even from deep holes. Chip congestion and a subsequent jamming of the tool is effectively prevented. (fig. 3)

Wear resistant cutting edges

Thanks to the TiAlN-tip coating (Fig. 4) the cutting edges, that are exposed to maximum forces, are protected against wear.

Ultimate cost-efficiency:

Applied on machining centres, where the drilling operation is a time relevant criterion, RT 100 T can display its superiority. Its high feed rates lead to a shorter production time, its long tool life reduces the number of tool changes.

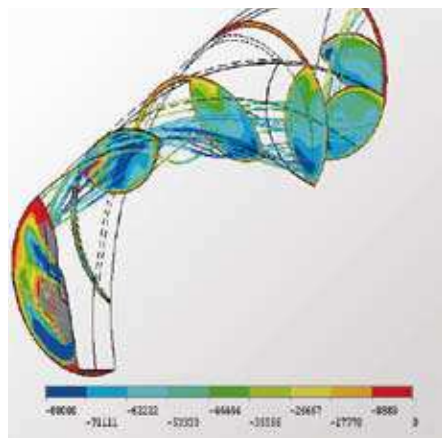
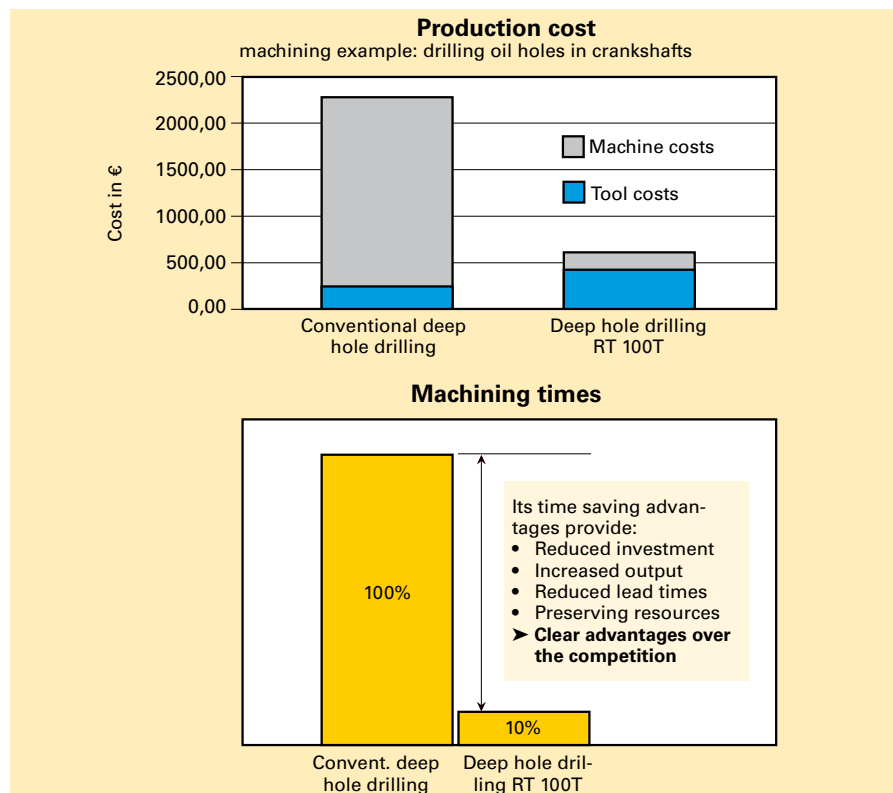


Fig. 1: Optimised flute geometry for optimal chip evacuation.



Fig. 2: Maximised coolant duct profile for effective cooling/lubrication.



Fig. 3: Problem-free chips preventing chip congestion and jamming of the tool.