HT 800 WP for the machining of steel girders

- New indexable inserts especially for the machining of steel girders
- Ø 11-40 mm
- Reduced burr development
- Optimal centering characteristics
- Smooth drilling performance

The point geometry of the new indexable inserts ensures optimal centering characteristics and therefore compensates non-rigid machining conditions in the manufacture of steel girders.

Minimised burr development thanks to reduced point angle in outer area.

Steel girders for a wide variety of metal constructions are generally prepared on special drilling/sawing systems for assembly. The clamping conditions on these machines are often insufficiently rigid and consequently place especially high demands on drilling tools. The tool geometry must be adapted to compensate for the non-rigid conditions and ensure a smooth drilling performance. With the new carbide special drilling tool based on the modular tooling system HT 800 WP Guhring provides an optimal tool for the machining of structural steel girders that scores points thanks to good centering characteristics and a smooth drilling performance.

Modular system enables simple insert change directly on the machine.

Can be applied with all HT 800 standard holders 1xD, 1.5xD, 3xD, 5xD, 7xD and 10xD.
HT 800 WP for the machining of C-steel

- new indexable inserts especially for the machining of C-steel
- Ø 11-40 mm
- optimised chip fracture
- high wear-resistance

The concave cutting edge ensures optimal chip fracture with long-chipping steel.

Interchangeable insert holder HT 800 WP (Guhring no. 4108)

Can be applied with all HT 800 standard holders 1xD, 1.5xD, 3xD, 5xD, 7xD and 10xD.

Thanks to the modular HT 800 system the interchangeable inserts can be changed directly on the machine.

The rigidly formed cutting wedge provides high wear-resistance without increasing the process forces.

Application:

Market sector: Automotive
Component: Bush
Drilling depth: 24 mm, through hole
Diameter: 19.5
Material: C40
Tool life: 6000 holes / 144 m
Standzeit: 144 m
Cutting speed vc: 120 m/min
Feed rate per revolution f: 0.38 mm / rev.