

**Garant**
**HiPer-Drill base body, 5×D, Ø DC: 24mm**

**Order data**

Order number	231610 24
GTIN	4045197603074
Item class	21S

**Description**
**Version:**

- **Very high feed rates and maximum performance due to optimally matched geometries and materials.**
- **Precise positioning of the cutter insert due to Vee insert seating and secure clamping by the centre bore.**
- **High concentricity when assembled. (For holes up to IT9 accuracy)**
- **Shank support for optimum stability in operation.**

**Application:**

For stationary and rotating use. For holes up to IT9 accuracy.

**Note:**

The insert screw must be replaced after every fifth change of cutter insert.

Further sizes up to Ø 50.99 mm available on request.

Clamp in a hydraulic chuck (such as No. 302026 size 20) for optimum radial run-out.

For optimum stability, clamp the drill so the overhang is as short as possible.

**Technical description**

Clamping screw	231999 10IP (3.3 Nm)
Shank Ø D <sub>s</sub>	32 mm
Reach L <sub>1</sub>	125 mm
Dia. range D <sub>c</sub>	24 - 24.99 mm
Shank length L <sub>s</sub>	60 mm
Series	HiPer-Drill
Number of cutting edges Z	2

Overall length L	221 mm
Version	5xD
Shank	ISO 9766
Use for drilling	limited drilling through a stack
Use for drilling	limited oblique spot drilling
Use for drilling	limited drilling with oblique exit
Use for drilling	limited cross-drilling
Through-coolant	yes
Type of product	Indexable drill

## Accessories

PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 10IP	674252 10IP
8 mm blade with magnet with 1/4 inch bit holder overall length 50 mm	659874 50
Torx Plus® screw Drive 10IP	231999 10IP
Torque screwdriver with scale, to take interchangeable blades maximum torque 1600 cNm	659906 1600
Torque screwdriver with scale, to take interchangeable blades maximum torque 1600 cNm	659957 1600