

Garant
HiPer-Drill base body, 5×D, Ø DC: 32 mm

Order data

| | |
|--------------|---------------|
| Order number | 231610 32 |
| GTIN | 4045197603159 |
| 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.**
- **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.

Number of cutting edges Z: 2

Dia. range D_c : 32 - 32.99 mm

Reach L_1 : 165 mm

Shank Ø D_s : 32 mm

Shank length L_s : 60 mm

Clamping screw: 231999_20IP (7.5 Nm)

Technical description

| | |
|------------------|----------------------|
| Reach L_1 | 165 mm |
| Clamping screw | 231999_20IP (7.5 Nm) |
| Dia. range D_c | 32 - 32.99 mm |

| | |
|---------------------------|------------------------------------|
| Shank $\varnothing D_s$ | 32 mm |
| Shank length L_s | 60 mm |
| Number of cutting edges Z | 2 |
| Drill depth up to | 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

| | |
|---|-------------|
| Torx Plus® screw Drive 20IP | 231999 20IP |
| PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 20IP | 674252 20IP |
| Torque screwdriver with scale, to take interchangeable blades maximum torque 1600 cNm | 659906 1600 |
| 8 mm blade with magnet with 1/4 inch bit holder overall length 50 mm | 659874 50 |