

Garant
HiPer-Drill base body, 5×D, Ø DC: 29mm

Order data

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| Order number | 231610 29 |
| GTIN | 4045197603128 |
| 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

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|-----------------------------|-----------------------|
| Shank Ø D _s | 32 mm |
| Reach L ₁ | 150 mm |
| Dia. range D _c | 29 - 29.99 mm |
| Clamping screw | 231999 15IP1 (5.7 Nm) |
| Shank length L _s | 60 mm |
| Series | HiPer-Drill |
| Number of cutting edges Z | 2 |

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|------------------|------------------------------------|
| Overall length L | 252 mm |
| Version | 5×D |
| 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

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|---------------------------------------------------------------------|--------------|
| PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 15IP | 674252 15IP |
| Torque screwdriver, fixed setting set torque 5,7 N·m | 211750 5,7 |
| Torx Plus® screw Drive 15IP1 | 231999 15IP1 |