Garant

HiPer-Drill base body, 5×D, Ø DC: 28 mm



Order data

Order number	231610 28
GTIN	4045197603111
Item class	215

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 \emptyset 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: 28 - 28.99 mm

Reach L₁: 145 mm

Shank Ø D_s: 32 mm

Shank length L_s: 60 mm

Clamping screw: 231999_15IP1 (5.7 Nm)

Technical description

Dia. range D _c	28 - 28.99 mm
Clamping screw	231999_15IP1 (5.7 Nm)
Reach L ₁	145 mm

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32 mm
60 mm
2
5×D
ISO 9766
limited drilling through a stack
limited oblique spot drilling
limited drilling with oblique exit
limited cross-drilling
yes
Indexable drill

Accessories

Torx Plus [®] screw Drive 15IP1	231999 15IP1
Torque screwdriver, fixed setting set torque 5,7 Nm	211750 5,7
PrecisionBit for Torx Plus [®] , shank E 6.3 Torx Plus [®] profile 15IP	674252 15IP