Garant

HiPer-Drill base body, 5×D, Ø DC: 13 mm



Order data

Order number	231610 13
GTIN	4045197602947
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: 13 - 13.49 mm

Reach L₁: 68 mm

Shank Ø D₅: 16 mm

Shank length L_s: 48 mm

Clamping screw: 231999_7IP (0.6 Nm)

Technical description

Reach L ₁	68 mm
Shank Ø D _s	16 mm
Dia. range D _c	13 - 13.49 mm

Clamping screw	231999_7IP (0.6 Nm)
Shank length L _s	48 mm
Number of cutting edges Z	2
Drill depth up to	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

Torx Plus [®] screw Drive 7IP	231999 7IP
PrecisionBit for Torx Plus [®] , shank E 6.3 Torx Plus [®] profile 7IP	674252 7IP
Torque screwdriver, fixed setting set torque 0,6 Nm	211750 0,6