Garant

Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, ⌀ DC h7: 3 mm

Order data

Order number	123102 3
GTIN	4045197458230
Item class	11E

Description

Version:
Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry.**
Particularly high alignment accuracy due to **4 guide chamfers** which stabilise the drill even at extreme depths!
Convex cutting edges with honed edges and special flute profile for **short chips**, even on long chipping materials.
Advantage:
High process reliability and surface quality of the hole.
Recommendation:
Maximum drilling depth:
clamping slot length (see table) less 1.5×nominal ⌀.
Note:
Flute length $L_C = L_2 + 1.5 \times D_C$.
NEW GENERATION AVAILABLE!
Recommended successor products are No. 123026 and 123036.
Standard: Manufacturer's standard
Tolerance nominal ⌀: h7
Number of cutting edges Z: 2
Tolerance nominal ⌀: h7
recommended maximum drilling depth L_2: 29.5 mm
Overall length L: 72 mm
Shank ⌀ D_s: 6 mm
Feed f in steel < 1100 N/mm^2: 0.1 mm/rev.

Technical description

Feed f in steel < 1100 N/mm^2	0.1 mm/rev.

Flute length L_c	34 mm
Number of cutting edges Z	2
Shank tolerance	h6
Nominal ∅ D_C	3 mm
Tolerance nominal ∅	h7
Shank ∅ D_s	6 mm
Overall length L	72 mm
Standard	Manufacturer's standard
recommended maximum drilling depth L_2	29.5 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	8×D
Point angle	135 degrees
Cutting direction	right-hand
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill