Garant

Solid carbide HPC drill plain shank DIN 6535 HA, TiAlN, ⌀ DC h7: 1,1 mm

Order data

Order number	123110 1,1
GTIN	4045197355737
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!
Straight major 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:
flute length (see table) less 1.5×nominal ⌀.
Note:
Flute length $L_C = L_2 + 1.5 \times D_C$.
Form HB and HE supplied at the same price as HA.
Form **HB:** order with **No. 123115**.
Form **HE:** order with **No. 123110 + 129100 HE**.
Standard: Manufacturer's standard
Tolerance nominal ⌀: h7
Number of cutting edges Z: 2
Tolerance nominal ⌀: h7
recommended maximum drilling depth L_2: 13.4 mm
Overall length L: 45 mm
Shank ⌀ D_s: 4 mm
Feed f in stainless steel < 900 N/mm^2: 0.05 mm/rev.

Technical description

Flute length L_c	15 mm
Feed f in stainless steel < 900 N/mm^2	0.05 mm/rev.
Shank tolerance	h6
Nominal Ø D_C	1.1 mm
Number of cutting edges Z	2
Tolerance nominal Ø	h7
Shank Ø D_s	4 mm
Overall length L	45 mm
Standard	Manufacturer's standard
recommended maximum drilling depth L_2	13.4 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	10×D
Point angle	135 degrees
Cutting direction	right-hand
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	blue
Type of product	Jobber drill