Garant

Solid carbide HPC drill plain shank DIN 6535 HA, TiAlN, ∅ DC m6 (∅ DC X = h7) (mm or inch): 2,3 mm or inch

Order data

Order number	122659 2,3
GTIN	4045197582393
Item class	11E

Description

Version:
Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry.** High roundness and alignment accuracy of the deep hole, thanks to **4 guide chamfers.** Outstanding chip evacuation due to **4 internal cooling channels** from ∅ 3.8 mm. Up to 3.7 mm ∅ with 2 internal cooling channels. **Straight major cutting edges** with honed edges and special flute profile for **short chips**, even on long chipping materials.
Recommendation:
Maximum drilling depth:
Flute length (see table) less 1.5×nominal ∅.
Attention:
Sizes **ending with X** = cutter ∅ tolerance **h7.**
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. 122661**.
Form **HE:** order with **No. 122659 + 129100HE**.
Standard: DIN 6537
Tolerance nominal ∅: m6
Number of cutting edges Z: 2
Tolerance nominal ∅: m6
recommended maximum drilling depth L_2: 17.6 mm
Overall length L: 57 mm
Shank ∅ D_s: 4 mm
Feed f in stainless steel > 900 N/mm^2: 0.05 mm/rev.

Technical description

Nominal ⌀ D_C	2.3 mm
Shank tolerance	h6
Feed f in stainless steel > 900 N/mm^2	0.05 mm/rev.
Flute length L_c	21 mm
Number of cutting edges Z	2
Tolerance nominal ⌀	m6
Shank ⌀ D_s	4 mm
Overall length L	57 mm
Standard	DIN 6537
recommended maximum drilling depth L_2	17.6 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6×D
Point angle	140 degrees
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