⚡ Hoffmann Group

Garant

Solid carbide HPC drill plain shank DIN 6535 HA, TiAlN, Ø DC h7: 16,5 mm

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Order data

Order number	123110 16,5
GTIN	4045197357922
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 Ø.
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 Ø: h7
Number of cutting edges Z: 2
Tolerance nominal Ø: h7
recommended maximum drilling depth L_2: 185.3 mm
Overall length L: 262 mm
Shank Ø D_s: 18 mm
Feed f in stainless steel < 900 N/mm^2: 0.25 mm/rev.

Technical description

Feed f in stainless steel < 900 N/mm^2	0.25 mm/rev.
Nominal ⌀ D_C	16.5 mm
Shank tolerance	h6
Number of cutting edges Z	2
Flute length L_c	210 mm
Tolerance nominal ⌀	h7
Shank ⌀ D_s	18 mm
Overall length L	262 mm
Standard	Manufacturer's standard
recommended maximum drilling depth L_2	185.3 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

Services

Shank grinding Type HE	129100 HE