



Solid carbide high performance drill plain shank DIN 6535 HA, TiN, Ø DC h7: 4,2 mm



Order data

Order number	123306 4,2
GTIN	4045197448491
Item class	12E

Description

Version:

Strong core and special point geometry –ensure the cutting chisel edges maintain **high self-centring accuracy**.

Straight cutting edges with slight edge hone and a special flute profile produce **short chips**.

Recommendation:

Maximum drilling depth:

Flute length (see table) less 1.5×nominal Ø.

Note:

Flute length $L_c = L_2 + 1.5 \times D_c$.

For process reliability when using the 12×D drill, an initial centre drilling with NC spotting drills No. 121068 - 121130 or HOLEX Pro Steel No. 122501 is necessary.

Form HB and HE supplied at the same price as HA.

Form **HB**: order with **No. 123307**.

Form **HE**: order with **No. 123308**.

NEW GENERATION AVAILABLE!

Recommended successor product is No. 123303.

Through-coolant: yes, with 25 bar

Standard: Manufacturer's standard

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 57.7 mm

Overall length L: 102 mm

Shank Ø D_s : 6 mm

Feed f in steel < 1100 N/mm²: 0.1 mm/rev.

Technical description

Shank tolerance	h6
Feed f in steel < 1100 N/mm ²	0.1 mm/rev.
Number of cutting edges Z	2
Nominal Ø D _c	4.2 mm
Flute length L _c	64 mm
Tolerance nominal Ø	h7
Shank Ø D _s	6 mm
Overall length L	102 mm
Standard	Manufacturer's standard
recommended maximum drilling depth L ₂	57.7 mm
Coating	TiN
Tool material	Solid carbide
Drill depth up to	12×D
Point angle	135 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Colour ring	green
Type of product	Jobber drill