

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 4,2 mm

Order data

Order number	122505 4,2
GTIN	4045197391339
Item class	11E

Description
Version:

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry. Convex cutting edges** with honed edges and special flute profile for **short chips**, even on long chipping materials.

Recommendation:
Maximum drilling depth:

clamping slot length (see table) less 1.5×nominal Ø.

Note:
NEW GENERATION AVAILABLE!

Recommended successor products are No. 122426 and 122436.

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

Machining strategy: HPC

Standard: DIN 6537 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 17.7 mm

Overall length L: 66 mm

Shank Ø D_s : 6 mm

Feed f in steel < 1100 N/mm²: 0.15 mm/rev.

Technical description

Nominal Ø D_c	4.2 mm
Shank tolerance	h6
Feed f in steel < 1100 N/mm ²	0.15 mm/rev.

Number of cutting edges Z	2
Flute length L _c	24 mm
Tolerance nominal Ø	h7
Shank Ø D _s	6 mm
Overall length L	66 mm
Standard	DIN 6537 K
recommended maximum drilling depth L ₂	17.7 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	4×D
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill