

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

**Order data**

Order number	122765 4,2
GTIN	4045197398666
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  $1.5 \times \text{nominal } \varnothing$ .

**Note:**

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

**NEW GENERATION AVAILABLE!**

**Recommended successor products are No. 122716 and 122726.**

Machining strategy: HPC

Standard: DIN 6537

Tolerance nominal  $\varnothing$ : h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 29.7 mm

Overall length L: 74 mm

Shank  $\varnothing D_s$ : 6 mm

Feed f in steel  $< 1100 \text{ N/mm}^2$ : 0.15 mm/rev.

**Technical description**

Nominal $\varnothing D_c$	4.2 mm
Feed f in steel $< 1100 \text{ N/mm}^2$	0.15 mm/rev.

Flute length $L_c$	36 mm
Shank tolerance	h6
Number of cutting edges Z	2
Tolerance nominal $\varnothing$	h7
Shank $\varnothing D_s$	6 mm
Overall length L	74 mm
Standard	DIN 6537
recommended maximum drilling depth $L_2$	29.7 mm
Semi-Standard	yes
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6×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