

**Garant**
**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 3,3 mm**

**Order data**

Order number	123102 3,3
GTIN	4045197458247
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!

**Convex 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:**

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. 123026 and 123036.**

Standard: Manufacturer's standard

Tolerance nominal  $\varnothing$ : h7

Number of cutting edges Z: 2

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 29.1 mm

Overall length L: 72 mm

Shank  $\varnothing D_s$ : 6 mm

Feed f in steel <  $1100 \text{ N/mm}^2$ : 0.1 mm/rev.

**Technical description**

Feed f in steel < $1100 \text{ N/mm}^2$	0.1 mm/rev.
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Flute length $L_c$	34 mm
Number of cutting edges Z	2
Nominal $\varnothing D_c$	3.3 mm
Shank tolerance	h6
Tolerance nominal $\varnothing$	h7
Shank $\varnothing D_s$	6 mm
Overall length L	72 mm
Standard	Manufacturer's standard
recommended maximum drilling depth $L_2$	29.1 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	8×D
Point angle	135 degrees
Cutting direction	right-hand
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill