

**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø h7: 6,3 mm****Order data**

Order number	123102 6,3
GTIN	4045197458476
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×nominal Ø.

Note:

NEW GENERATION AVAILABLE!

Recommended successor products are No. 123026 and 123036.

Machining strategy: HPC

Norm: Manufacturer's standard

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

Flute length: 76 mm

Overall length L_{tot} : 114 mm

Shank Ø: 8 mm

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

Technical description

Shank tolerance	h6
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Nominal Ø	6.3 mm
Feed f in steel < 1100 N/mm ²	0.15 mm/rev.
Number of cutting edges Z	2
Flute length	76 mm
Tolerance nominal Ø	h7
Shank Ø	8 mm
Overall length L _{tot}	114 mm
Norm	Manufacturer's standard
recommended maximum drilling depth	66.6 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	8×D
Point angle	135 degrees
Skaft	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	green