



Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø h7: 10,3 mm



Order data

Order number	123102 10,3
GTIN	4045197647023
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: 114 mm

Overall length L_{tot} : 162 mm

Shank Ø: 12 mm

Feed f in steel < 1100 N/mm²: 0.2 mm/rev.

Technical description

Nominal Ø	10.3 mm
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Flute length	114 mm
Feed f in steel < 1100 N/mm ²	0.2 mm/rev.
Shank tolerance	h6
Number of cutting edges Z	2
Tolerance nominal Ø	h7
Shank Ø	12 mm
Overall length L _{tot}	162 mm
Norm	Manufacturer's standard
recommended maximum drilling depth	98.6 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