

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 8,3 mm

Order data

Order number	123102 8,3
GTIN	4045197458612
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:

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 Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 82.6 mm

Overall length L: 142 mm

Shank Ø D_s : 10 mm

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

Technical description

Flute length L_c	95 mm
--------------------	-------

Nominal $\varnothing D_c$	8.3 mm
Feed f in steel < 1100 N/mm ²	0.15 mm/rev.
Shank tolerance	h6
Number of cutting edges Z	2
Tolerance nominal \varnothing	h7
Shank $\varnothing D_s$	10 mm
Overall length L	142 mm
Standard	Manufacturer's standard
recommended maximum drilling depth L ₂	82.6 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