

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 8,1 mm

Order data

Order number	122445 8,1
GTIN	4045197390202
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×nominal Ø.

Note:

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

NEW GENERATION AVAILABLE!

Recommended successor product is No. 122416.

Machining strategy: HPC

Standard: DIN 6537 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 34.9 mm

Overall length L: 89 mm

Shank Ø D_s : 10 mm

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

Technical description

Number of cutting edges Z	2
Feed f in steel < 1100 N/mm ²	0.2 mm/rev.
Flute length L_c	47 mm

Nominal $\varnothing D_c$	8.1 mm
Shank tolerance	h6
Tolerance nominal \varnothing	h7
Shank $\varnothing D_s$	10 mm
Overall length L	89 mm
Standard	DIN 6537 K
recommended maximum drilling depth L_2	34.9 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	4×D
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill