

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 6,1 mm

Order data

Order number	122765 6,1
GTIN	4045197398857
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 $1.5 \times \text{nominal } \varnothing$.

Note:

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

NEW GENERATION AVAILABLE!

Recommended successor products are No. 122716 and 122726.

Standard: DIN 6537

Tolerance nominal \varnothing : h7

Number of cutting edges Z: 2

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 43.9 mm

Overall length L: 91 mm

Shank $\varnothing D_s$: 8 mm

Feed f in steel < 1100 N/mm^2 : 0.2 mm/rev.

Technical description

Flute length L_c	53 mm
Number of cutting edges Z	2
Nominal $\varnothing D_c$	6.1 mm

Shank tolerance	h6
Feed f in steel < 1100 N/mm ²	0.2 mm/rev.
Tolerance nominal Ø	h7
Shank Ø D _s	8 mm
Overall length L	91 mm
Standard	DIN 6537
recommended maximum drilling depth L ₂	43.9 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6×D
Point angle	140 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