

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 16,5 mm

Order data

Order number	122765 16,5
GTIN	4045197399373
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.

Machining strategy: HPC

Standard: DIN 6537

Tolerance nominal \varnothing : h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 68.3 mm

Overall length L: 143 mm

Shank $\varnothing D_s$: 18 mm

Feed f in steel $< 1100 \text{ N/mm}^2$: 0.35 mm/rev.

Technical description

Shank tolerance	h6
Number of cutting edges Z	2

Feed f in steel < 1100 N/mm ²	0.35 mm/rev.
Flute length L _c	93 mm
Nominal Ø D _c	16.5 mm
Tolerance nominal Ø	h7
Shank Ø D _s	18 mm
Overall length L	143 mm
Standard	DIN 6537
recommended maximum drilling depth L ₂	68.3 mm
Semi-Standard	yes
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6×D
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill