

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 17,5 mm

Order data

Order number	122765 17,5
GTIN	4045197399397
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 : 66.8 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

Nominal $\varnothing D_c$	17.5 mm
Shank tolerance	h6

Number of cutting edges Z	2
Flute length L_c	93 mm
Feed f in steel < 1100 N/mm ²	0.35 mm/rev.
Tolerance nominal \varnothing	h7
Shank $\varnothing D_s$	18 mm
Overall length L	143 mm
Standard	DIN 6537
recommended maximum drilling depth L_2	66.8 mm
Semi-Standard	yes
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6xD
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