

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

Order data

Order number	122505 16,5
GTIN	4045197392411
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:
NEW GENERATION AVAILABLE!

Recommended successor products are No. 122426 and 122436.

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

Machining strategy: HPC

Standard: DIN 6537 K

Tolerance nominal \varnothing : h7

Number of cutting edges Z: 2

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 48.3 mm

Overall length L: 123 mm

Shank $\varnothing D_s$: 18 mm

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

Technical description

Feed f in steel $< 1100 \text{ N/mm}^2$	0.35 mm/rev.
Shank tolerance	h6
Flute length L_c	73 mm

Number of cutting edges Z	2
Nominal $\varnothing D_c$	16.5 mm
Tolerance nominal \varnothing	h7
Shank $\varnothing D_s$	18 mm
Overall length L	123 mm
Standard	DIN 6537 K
recommended maximum drilling depth L_2	48.3 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	yes, with 25 bar
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill