

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 18 mm


Order data

Order number	122765 18
GTIN	4045197399403
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 : 66 mm

Overall length L: 143 mm

Shank $\varnothing D_s$: 18 mm

Feed f in steel < 1100 N/mm^2 : 0.35 mm/rev.

Technical description

Number of cutting edges Z	2
Shank tolerance	h6
Nominal $\varnothing D_c$	18 mm

Flute length L_c	93 mm
Feed f in steel $< 1100 \text{ N/mm}^2$	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 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6xD
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