

Garant

Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 11,8 mm



Order data

Order number	122765 11,8
GTIN	4045197399205
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 : 53.3 mm

Overall length L: 118 mm

Shank $\varnothing D_s$: 12 mm

Feed f in steel < 1100 N/mm^2 : 0.27 mm/rev.

Technical description

Feed f in steel < 1100 N/mm^2	0.27 mm/rev.
Number of cutting edges Z	2
Shank tolerance	h6

Nominal $\varnothing D_c$	11.8 mm
Flute length L_c	71 mm
Tolerance nominal \varnothing	h7
Shank $\varnothing D_s$	12 mm
Overall length L	118 mm
Standard	DIN 6537
recommended maximum drilling depth L_2	53.3 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