

Garant

Solid carbide HPC drill plain shank DIN 6535 HA, TiAlN, Ø DC h7: 18 mm



Order data

Order number	122760 18
GTIN	4045197058157
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:

Flute length (see table) less 1.5×nominal Ø.

Note:

Flute length $L_C = L_2 + 1.5 \times D_C$.

Form HB and HE supplied at the same price as HA.

Form **HB**: order with **No. 122765**.

Form **HE**: order with **No. 122760 + 129100HE**.

NEW GENERATION AVAILABLE!

Recommended successor products are No. 122715; 122725, 122641 and 122651.

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 66 mm

Overall length L: 143 mm

Shank Ø D_s : 18 mm

Feed f in steel < 1100 N/mm²: 0.35 mm/rev.

Technical description

Number of cutting edges Z	2
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Flute length L_c	93 mm
Feed f in steel < 1100 N/mm ²	0.35 mm/rev.
Nominal $\varnothing D_c$	18 mm
Shank tolerance	h6
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
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill

Services

Shank grinding Type HE	129100 HE
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