



Solid carbide high performance drill plain shank DIN 6535 HA, TiN, Ø h7: 16,5 mm

Order data

Order number	123106 16,5
GTIN	4045197448361
Item class	12E

Description

Version:

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry**. **Straight major cutting edges** with slightly honed edges and special flute profile produce **short chips**.

Recommendation:

Maximum drilling depth:

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

Note:

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

Form **HB**: order with **No. 123107**.

Form **HE**: order with **No. 123108**.

NEW GENERATION AVAILABLE!

Recommended successor product is No. 123103.

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Tool material: Solid carbide

Drill depth up to: 8×D

Point angle: 135 degrees

Skaft: DIN 6535 HA to h6

Through-coolant: yes, with 25 bar

Norm: Manufacturer's standard

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

Flute length: 171 mm

Overall length L_{tot} : 222 mm

Shank Ø: 18 mm

Feed f in steel < 1100 N/mm²: 0.3 mm/rev.

Technical description

Colour ring	green
Machining strategy	
Coating	TiN
Hole tolerance	
Helix angle	degrees
Point angle	135 degrees
Tool material	Solid carbide
Use for drilling	
Through-coolant	yes, with 25 bar
Pilot drill required	
Type	
Cutting direction	
Drill depth up to	8×D
Schaft	DIN 6535 HA to h6
Series	
Type of product	