



## Solid carbide high performance drill plain shank DIN 6535 HA, TiN, Ø DC h7: 17,5mm



### Order data

Order number	123106 17,5
GTIN	4045197448385
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**.

#### Note:

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

**NEW GENERATION AVAILABLE!**

**Recommended successor product is No. 123103.**

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

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

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

### Technical description

Feed $f$ in steel $< 1100 \text{ N/mm}^2$	0.3 mm/rev.
Flute length $L_c$	171 mm
Number of cutting edges $Z$	2
Shank tolerance	h6
Nominal $\varnothing D_c$	17.5 mm
Tolerance nominal $\varnothing$	h7
Shank $\varnothing D_s$	18 mm

Overall length L	222 mm
Standard	Manufacturer's standard
recommended maximum drilling depth L <sub>2</sub>	144.8 mm
Coating	TiN
Tool material	Solid carbide
Version	8xD
Point angle	135 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Colour ring	green
Type of product	Jobber drill

## User data

	Suitability	V <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	175 m/min	N
Alu > 10% Si	suitable only under restricted conditions	135 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable only under restricted conditions	105 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	85 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	75 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	45 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	30 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	35 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable only under restricted conditions	30 m/min	M
GG(G)	suitable	65 m/min	K
Uni	suitable		

wet maximum

suitable