



## Solid carbide high performance drill plain shank DIN 6535 HA, TiN, Ø DC h7 (mm or inch): 19,5



### Order data

Order number	122630 19,5
GTIN	4045197054494
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  $L_c = L_2 + 1.5 \times D_c$ .

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

Form **HB**: order with **No. 122635**.

Form **HE**: order with **No. 122640**.

**NEW GENERATION AVAILABLE!**

**Recommended successor product is No. 122776.**

### Technical description

Flute length $L_c$	101 mm
Shank tolerance	h6
Feed $f$ in steel $< 900 \text{ N/mm}^2$	0.3 mm/rev.
Nominal $\varnothing D_c$	19.5 mm
Number of cutting edges $Z$	2
Tolerance nominal $\varnothing$	h7
Shank $\varnothing D_s$	20 mm

Overall length L	153 mm
Standard	DIN 6537
recommended maximum drilling depth L <sub>2</sub>	71.8 mm
Coating	TiN
Tool material	Solid carbide
Version	6×D
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Semi-Standard	yes
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	240 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	110 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	90 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	80 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable only under restricted conditions	65 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable only under restricted conditions	30 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	35 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	30 m/min	M
Ti > 850 N/mm <sup>2</sup>	suitable	30 m/min	S
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		

Air

suitable only under  
restricted conditions