



Solid carbide high performance drill, plain shank DIN 6535 HA, TiN, Ø DC h7 (mm or inch): 20 mm or inch



Order data

Order number	122310 20
GTIN	4045197044334
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:

NEW GENERATION AVAILABLE!

Recommended successor product is No. 122501.

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

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

Form HB: order with **No. 122315**.

Form HE: order with **No. 122320**.

Semi-Standard: yes

Standard: DIN 6537 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 49 mm

Overall length L: 131 mm

Shank Ø D_s : 20 mm

Feed f in steel < 900 N/mm²: 0.3 mm/rev.

Technical description

Nominal $\varnothing D_c$	20 mm
Flute length L_c	79 mm
Feed f in steel $< 900 \text{ N/mm}^2$	0.3 mm/rev.
Number of cutting edges Z	2
Shank tolerance	h6
Tolerance nominal \varnothing	h7
Shank $\varnothing D_s$	20 mm
Overall length L	131 mm
Standard	DIN 6537 K
recommended maximum drilling depth L_2	49 mm
Coating	TiN
Tool material	Solid carbide
Drill depth up to	4xD
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	no
Semi-Standard	yes
Colour ring	without
Type of product	Jobber drill