

Garant

Solid carbide NC high performance drill FS, plain shank DIN 6535 HB, TiAlN, Ø DC h7: 8,1 mm



Order data

Order number	122545 8,1
GTIN	4045197393357
Item class	11E

Description

Version:

Particularly strong due to strengthened core and **special profile**. Special point geometry. **High concentricity** and **long tool life**. **Precision drilling qualities**.

Recommendation:

Maximum drilling depth:

clamping slot length (see table) less 1.5×nominal Ø.

Note:

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

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 48.9 mm

Overall length L: 103 mm

Shank Ø D_s : 10 mm

Feed f in steel < 750 N/mm²: 0.2 mm/rev.

Technical description

Number of cutting edges Z	2
Shank tolerance	h6
Feed f in steel < 750 N/mm ²	0.2 mm/rev.
Flute length L_c	61 mm
Nominal Ø D_c	8.1 mm

Tolerance nominal \varnothing	h7
Shank $\varnothing D_s$	10 mm
Overall length L	103 mm
Standard	DIN 6537
recommended maximum drilling depth L_2	48.9 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6xD
Type	FS
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	no
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill