

Garant
Solid carbide NC spotting drill 142° extra long spiral flutes, TiAlN, Ø DC h6: 12 mm

Order data

Order number	121121 12
GTIN	4062406120887
Item class	11E

Description
Version:

Exactly **central ground point**. **Easy spot drilling** and **high shape accuracy** of the centre hole. Sturdy due to short flutes.

Extra long version.
Application:

Point angle **142°** so that the cutting edges of the following twist drill engage easily.

Note:

Use the speed for the actual hole Ø (not generally the speed for the drill outer Ø).

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

Form **HB**: order with **No. 121120**.

Form **HE**: order with **No. 121121 + 129100 HE**.

Through-coolant: no

Shank: DIN 6535 HA to h6

recommended maximum drilling depth L_2 : 6 mm

Flute length L_c : 24 mm

Overall length L: 170 mm

Shank Ø D_s : 12 mm

Feed f in steel $< 1100 \text{ N/mm}^2$: 0.03 mm/rev.

Technical description

Shank tolerance	h6
recommended maximum drilling depth L_2	6 mm
Feed f in steel $< 1100 \text{ N/mm}^2$	0.03 mm/rev.
Flute length L_c	24 mm

Nominal $\varnothing D_c$	12 mm
Shank	DIN 6535 HA to h6
Shank $\varnothing D_s$	12 mm
Overall length L	170 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Tolerance nominal $\varnothing$	h6
Point angle	142 degrees
Number of cutting edges Z	2
Through-coolant	no
Colour ring	without

Services

Shank grinding Type HB	129100 HB
Shank grinding Type HE	129100 HE