

Garant
Solid carbide NC spotting drill 142° extra long spiral flutes, TiAlN, Ø DC h6: 20 mm

Order data

Order number	121121 20
GTIN	4062406120900
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 : 5 mm

Flute length L_c : 35 mm

Overall length L: 200 mm

Shank Ø D_s : 20 mm

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

Technical description

Overall length L	200 mm
Flute length L_c	35 mm
Shank	DIN 6535 HA to h6
recommended maximum drilling depth L_2	5 mm

Feed f in steel < 1100 N/mm ²	0.03 mm/rev.
Shank Ø D _s	20 mm
Nominal Ø D _c	20 mm
Shank tolerance	h6
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Tolerance nominal Ø	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