

## Garant

### GARANT Master Steel FEED solid carbide NC spotting drill, plain shank 155° DIN 6535 HA, TiAlN, Ø DC h6: 20 mm



#### Order data

Order number	121130 20
GTIN	4045197887542
Item class	11E

#### Description

##### Version:

3-flute NC spotting drill with high positioning accuracy and special point angle 155° for the GARANT Master Steel FEED drill. The **sector-leading technology of the drill point** guarantees **optimum self-centring behaviour** and permits spot drilling on irregular surfaces.

##### Note:

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

Form **HB**: order with **No. 121130 + 129100 HB**.

Form **HE**: order with **No. 121130 + 129100 HE**.

Through-coolant: no

Shank: DIN 6535 HA HB HE to h6

Flute length  $L_c$ : 28 mm

Overall length L: 131 mm

Shank Ø  $D_s$ : 20 mm

Depth of spot facing: 1.2 - 2 mm

Feed f in steel < 1100 N/mm<sup>2</sup>: 0.3 mm/rev.

#### Technical description

Feed f in steel < 1100 N/mm <sup>2</sup>	0.3 mm/rev.
Overall length L	131 mm
Shank Ø $D_s$	20 mm
Nominal Ø $D_c$	20 mm
Shank tolerance	h6

Flute length L <sub>c</sub>	28 mm
Depth of spot facing	1.2 - 2 mm
Shank	DIN 6535 HA HB HE to h6
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Tolerance nominal Ø	h6
Point angle	155 degrees
Number of cutting edges Z	3
Through-coolant	no
Colour ring	without
Series	GARANT Master Steel
Type of product	Spotting drill

## Services

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