

**Garant**
**Solid carbide NC spotting drill 90° spiral flutes, TiAlN, Ø DC h6: 12 mm**

**Order data**

Order number	121040 12
GTIN	4045197038586
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.

≥ Ø 6 mm with **HB drive flat**.

**Application:**

Point angle **90°** for spot drilling and countersinking in one operation when a drill of smaller Ø is used afterwards.

**Note:**

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

Through-coolant: no

Shank: DIN 6535 HB to h6

Flute length  $L_c$ : 24 mm

Overall length L: 70 mm

Shank Ø  $D_s$ : 12 mm

Feed f in steel < 1100 N/mm<sup>2</sup>: 0.03 mm/rev.

**Technical description**

Nominal Ø $D_c$	12 mm
Flute length $L_c$	24 mm
Feed f in steel < 1100 N/mm <sup>2</sup>	0.03 mm/rev.
Shank tolerance	h6
Shank Ø $D_s$	12 mm
Overall length L	70 mm

Shank	DIN 6535 HB to h6
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Tolerance nominal $\varnothing$	h6
Point angle	90 degrees
Number of cutting edges Z	2
Through-coolant	no
Colour ring	without
Type of product	Spotting drill