

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

Order data

Order number	121050 12
GTIN	4045197768667
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.

Extra long version.

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 : 170 mm

Shank Ø D_s : 12 mm

Feed f in steel < 1100 N/mm²: 0.03 mm/rev.

Technical description

Shank tolerance	h6
Shank Ø D_s	12 mm
Nominal Ø D_c	12 mm
Feed f in steel < 1100 N/mm ²	0.03 mm/rev.
Overall length L	170 mm

Flute length L _c	24 mm
Shank	DIN 6535 HB to h6
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Tolerance nominal Ø	h6
Point angle	90 degrees
Number of cutting edges Z	2
Through-coolant	no
Colour ring	without
Type of product	Spotting drill