

Garant
Solid carbide NC precision spotting drill 90°, uncoated, Ø DC h6: 12 mm

Order data

Order number	121019 12
GTIN	4045197647696
Item class	11E

Description
Version:

Self-centring with **1-cutter geometry**, achieves **very high alignment accuracy**.

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).

Maintain a feed rate $f = 0.015$ mm/rev!

Through-coolant: no

Shank: DIN 6535 HA to h6

Flute length L_c : 12 mm

Overall length L: 70 mm

Shank Ø D_s : 12 mm

Feed f in steel < 1100 N/mm²: 0.015 mm/rev.

Technical description

Feed f in steel < 1100 N/mm ²	0.015 mm/rev.
Flute length L_c	12 mm
Nominal Ø D_c	12 mm
Shank tolerance	h6
Shank Ø D_s	12 mm
Overall length L	70 mm
Shank	DIN 6535 HA to h6

Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Tolerance nominal \varnothing	h6
Point angle	90 degrees
Number of cutting edges Z	1
Through-coolant	no
Colour ring	without
Type of product	Spotting drill