

**Garant**
**NC spotting drill HSS-E 120° N, uncoated, Ø DC h6: 4 mm**

**Order data**

Order number	112103 4
GTIN	4045197959393
Item class	11A

**Description**
**Version:**

Precision centred ground point with thin chisel edge - gives easy spot drilling and high accuracy of the centre hole form. Very sturdy due to short flutes.

≥ Ø 6 mm with **drive flat to DIN 1835-B.**

**Application:**

**Point angle 120°** so that the cutting edges of the following drill engage easily.

**Note:**

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

Shank: DIN 1835 B to h6

Flute length  $L_c$ : 12 mm

Overall length L: 55 mm

Shank Ø  $D_s$ : 4 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.03 mm/rev.

**Technical description**

Flute length $L_c$	12 mm
Shank Ø $D_s$	4 mm
Shank	DIN 1835 B to h6
Shank tolerance	h6
Nominal Ø $D_c$	4 mm
Overall length L	55 mm
Feed f in steel < 900 N/mm <sup>2</sup>	0.03 mm/rev.

Coating	uncoated
Tool material	HSS E
Standard	Manufacturer's standard
Type	N
Tolerance nominal $\varnothing$	h6
Point angle	120 degrees
Number of cutting edges Z	2
Through-coolant	no
Colour ring	without