

**Garant**
**NC spotting drill HSS-E 142° N, uncoated, Ø DC h6: 4mm**

**Order data**

Order number	112120 4
GTIN	4045197001344
Item class	11A

**Description**
**Version:**

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

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.

**Callout:**

Tip angle for spotting drills the same as for standard drills

NC spotting drill for quick spot-facing by means of short drill travel

**Application:**

**Point angle 142°** 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).

**Technical description**

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

Tool material	HSS E
Standard	Manufacturer's standard
Type	N
Tolerance nominal $\varnothing$	h6
Point angle	142 degrees
Number of cutting edges Z	2
Through-coolant	no
Colour ring	without
Type of product	Spotting drill

### User data

	Suitability	$V_c$	ISO code
Alu plastics	suitable	70 m/min	N
Aluminium (short chipping)	suitable	45 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	40 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	30 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	25 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	10 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	8 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	12 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	8 m/min	M
CuZn	suitable	80 m/min	N
Uni	suitable		
Oil	suitable		
wet maximum	suitable		