

**Garant**
**Solid carbide NC precision spotting drill 142°, uncoated, Ø DC h6: 3mm**


## Order data

Order number	121068 3
GTIN	4045197647740
Item class	11E

## Description

### Version:

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

### Application:

Point angle **142°** so that the cutting edges of the following twist drill engage easily.

### 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!**

## Technical description

Feed $f$ in steel < 1100 N/mm <sup>2</sup>	0.015 mm/rev.
Flute length $L_c$	6 mm
Nominal Ø $D_c$	3 mm
Shank tolerance	h6
Shank Ø $D_s$	3 mm
Overall length $L$	32 mm
Shank	DIN 6535 HA to h6
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Tolerance nominal Ø	h6

Point angle	142 degrees
Number of cutting edges Z	1
Through-coolant	no
Colour ring	without
Type of product	Spotting drill

### User data

	Suitability	V <sub>c</sub>	ISO code
Alu plastics	suitable	200 m/min	N
Aluminium (short chipping)	suitable	180 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	80 m/min	P
Oil	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		