

Garant
NC spotting drill HSS-E 142° N, uncoated, Ø DC h6: 12mm

Order data

Order number	112120 12
GTIN	4045197001399
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	30 mm
Shank tolerance	h6
Feed f in steel < 900 N/mm ²	0.06 mm/rev.
Nominal Ø D_c	12 mm
Shank Ø D_s	12 mm
Overall length L	102 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 ²	suitable	40 m/min	P
Steel < 750 N/mm ²	suitable	30 m/min	P
Steel < 900 N/mm ²	suitable	25 m/min	P
Steel < 1100 N/mm ²	suitable	10 m/min	P
Steel < 1400 N/mm ²	suitable	8 m/min	P
INOX < 900 N/mm ²	suitable	12 m/min	M
INOX > 900 N/mm ²	suitable	8 m/min	M
CuZn	suitable	80 m/min	N
Uni	suitable		
Oil	suitable		
wet maximum	suitable		