

Garant
NC spotting drill HSS-E No. 112020 with plastic box 90°, TiAlN, Type: 6-12

Order data

Order number	112108 6-12
GTIN	4067263117742
Item class	11A

Description
Version:

NC spotting drill set in a plastic box.

With drive flats 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.

Content:

4 NC spotting drill No. 112000.

Content:

1 each NC spotting drills: Size 6; 8; 10; 12.

Supplied with:

4-piece set of NC spotting drills in a plastic box.

Note:

Use speed for the actual hole \varnothing
(not generally the speed for the drill outer \varnothing).

Technical description

Nominal $\varnothing D_c$	10 mm
Nominal $\varnothing D_c$	12 mm
Nominal $\varnothing D_c$	8 mm

Nominal $\varnothing D_c$	6 mm
Coating	TiAlN
Tool material	HSS E
Standard	Works standard
Type	N
Tolerance nominal \varnothing	h6
Point angle	90 degrees
Shank	DIN 1835 B to h6
Number of cutting edges Z	2
Colour ring	without
Type of product	Spotting drill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	87 m/min	N
Aluminium (short chipping)	suitable	56 m/min	N
Alu > 10% Si	suitable only under restricted conditions	50 m/min	N
Steel < 500 N/mm ²	suitable	50 m/min	P
Steel < 750 N/mm ²	suitable	37 m/min	P
Steel < 900 N/mm ²	suitable	31 m/min	P
Steel < 1100 N/mm ²	suitable	12 m/min	P
Steel < 1400 N/mm ²	suitable	10 m/min	P
INOX < 900 N/mm ²	suitable	15 m/min	M
INOX > 900 N/mm ²	suitable	10 m/min	M
Ti > 850 N/mm ²	suitable	6 m/min	S
GG(G)	suitable	31 m/min	K
CuZn	suitable	100 m/min	N

Uni	suitable
Oil	suitable
wet maximum	suitable

Accessories

NC spotting drill HSS-E90° N Ø DC h6 10 mm	112000 10
NC spotting drill HSS-E90° N Ø DC h6 12 mm	112000 12
NC spotting drill HSS-E90° N Ø DC h6 6 mm	112000 6
NC spotting drill HSS-E90° N Ø DC h6 8 mm	112000 8
NC spotting drill HSS-E-PM90° N Ø DC h6 10 mm	112060 10
NC spotting drill HSS-E-PM90° N Ø DC h6 12 mm	112060 12
NC spotting drill HSS-E-PM90° N Ø DC h6 6 mm	112060 6
NC spotting drill HSS-E-PM90° N Ø DC h6 8 mm	112060 8