

Garant
Jobber drill HSS-E-PM HPC, TiAlN, Ø DC h8: 4,5 mm

Order data

Order number	114610 4,5
GTIN	4045197856296
Item class	11B

Description
Version:

With form S point.

High-performance HPC twist drills for high-alloy and high tensile materials. Particularly strong due to **strengthened core and a parabolic flute profile**. Point geometry with rake angle correction. Precise concentricity for exact holes.

Recommendation:
Maximum drilling depth:

$$L_2 = L_c - 1.5 \times D_c$$

Machining strategy: HPC

Standard: DIN 338

Tolerance nominal Ø: h8

Point angle: 130 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 40.3 mm

Flute length L_c : 47 mm

Overall length L: 80 mm

Shank Ø D_s : 4.5 mm

Feed f in steel $< 900 \text{ N/mm}^2$: 0.05 mm/rev.

Technical description

recommended maximum drilling depth L_2	40.3 mm
Shank Ø D_s	4.5 mm
Flute length L_c	47 mm
Number of cutting edges Z	2
Overall length L	80 mm

Feed f in steel < 900 N/mm ²	0.05 mm/rev.
Nominal Ø D _c	4.5 mm
Tolerance nominal Ø	h8
Standard	DIN 338
Point angle	130 degrees
Coating	TiAlN
Tool material	HSS E PM
Helix angle	38 degrees
Shank	Plain shank
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill