Garant

Jobber drill HSS-E-PM HPC, TiAlN, ⌀ DC h8: 4,9 mm

Order data

Order number	114610 4,9
GTIN	4045197856333
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 ⌀: h8
Point angle: 130 degrees
Number of cutting edges Z: 2
recommended maximum drilling depth L_2: 44.7 mm
Flute length L_c: 52 mm
Overall length L: 86 mm
Shank ⌀ D_s: 4.9 mm
Feed f in steel < 900 N/mm^2: 0.05 mm/rev.

Technical description

Standard	DIN 338
Tolerance nominal ⌀	h8
Shank ⌀ D_s	4.9 mm
recommended maximum drilling depth L_2	44.7 mm
Nominal ⌀ D_C	4.9 mm

Overall length L	86 mm
Feed f in steel < 900 N/mm^2	0.05 mm/rev.
Flute length L_c	52 mm
Number of cutting edges Z	2
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