Garant

Deep hole drill HSS-E, TiAlN, ⌀ DC h8: 7 mm



Order data

Order number	116063 7
GTIN	4045197871336
Item class	11B

Description

Version:
Significantly **strengthened core** without taper.
Precision ground point.
With **specially shaped slots**. Designed for deep holes up to 10×D and materials with critical chip formation characteristics.
With **TiAlN coating** for long tool lives.
Recommendation:
Maximum drilling depth:
$L_2 = L_C - 1.5 \times D_C$.
Note:
Suitable NC spotting drills No. 112120, 112140 and 112170 with **142° tip angle** for enhanced process reliability
Through-coolant: no
Standard: DIN 340
Tolerance nominal ⌀: h8
Point angle: 130 degrees
Number of cutting edges Z: 2
recommended maximum drilling depth L_2: 91.5 mm
Flute length L_c: 102 mm
Overall length L: 156 mm
Shank ⌀ D_s: 7 mm
Feed f in steel < 750 N/mm^2: 0.08 mm/rev.

Technical description

recommended maximum drilling depth L_2	91.5 mm
Nominal ⌀ D_C	7 mm

Standard	DIN 340
Number of cutting edges Z	2
Shank ⌀ D_s	7 mm
Flute length L_c	102 mm
Feed f in steel < 750 N/mm^2	0.08 mm/rev.
Overall length L	156 mm
Tolerance nominal ⌀	h8
Point angle	130 degrees
Coating	TiAlN
Tool material	HSS E
Type	FS
Helix angle	38 degrees
Shank	Plain shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill