Garant

Deep hole drill HSS-E, TiAlN, ⌀ DC h8: 2,1 mm



Order data

Order number	116063 2,1
GTIN	4045197871039
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: 52.9 mm
Flute length L_c: 56 mm
Overall length L: 85 mm
Shank ⌀ D_s: 2.1 mm
Feed f in steel < 750 N/mm^2: 0.03 mm/rev.

Technical description

Overall length L	85 mm
Nominal ⌀ D_C	2.1 mm

Feed f in steel < 750 N/mm^2	0.03 mm/rev.
Number of cutting edges Z	2
Shank ⌀ D_s	2.1 mm
Flute length L_c	56 mm
recommended maximum drilling depth L_2	52.9 mm
Tolerance nominal ⌀	h8
Standard	DIN 340
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