

Garant
Solid carbide stub stepped drill 90°, TiAlN, for threads: M3F

Order data

Order number	125050 M3F
GTIN	4045197265524
Item class	11E

Description
Version:

Very sturdy – step length to DIN 8378. Tight concentricity tolerances between drill and counterbore \varnothing guarantee exact alignment.

Application:

Particularly suitable for NC machines and automatic machines. For drilling tapping holes to DIN 336 sheet 1 with 90° countersinking. In the following operation, the tap therefore does not have to cut into the sharp edge of the hole.

Sizes **F: Tapping holes** for the following **fluteless taps**.

No. of teeth Z: 2

Through-coolant: no

$\varnothing D_1$ 1st step with chamfer h8: 2.8 mm

$\varnothing D_2$ 2nd step with chamfer h8: 3.4 mm

Step height L_1 1st step: 8.8 mm

Flute length L_c : 20 mm

Overall length L: 62 mm

Shank $\varnothing D_s$: 6 mm

Technical description

for threads	M3F
Flute length L_c	20 mm
$\varnothing D_2$ 2nd step with chamfer h8	3.4 mm
$\varnothing D_1$ 1st step with chamfer h8	2.8 mm
Feed f in steel < 1100 N/mm ²	0.08 mm/rev.
Shank $\varnothing D_s$	6 mm

Overall length L	62 mm
No. of teeth Z	2
Through-coolant	no
Step height L ₁ 1st step	8.8 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 8378
Type	N
Tolerance nominal Ø	h8
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Countersink angle	90 degrees
Shank tolerance	h6
Colour ring	without
Type of product	Stepped drill