

Garant
Solid carbide stub stepped drill 90°, TiAlN, for threads: M16F

Order data

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| Order number | 125050 M16F |
| GTIN | 4045197265609 |
| 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: 15.1 mm

$\varnothing D_2$ 2nd step with chamfer h8: 18 mm

Step height L_1 1st step: 38.5 mm

Flute length L_c : 73 mm

Overall length L: 123 mm

Shank $\varnothing D_s$: 18 mm

Technical description

| | |
|--|--------------|
| for threads | M16F |
| $\varnothing D_2$ 2nd step with chamfer h8 | 18 mm |
| Flute length L_c | 73 mm |
| Feed f in steel < 1100 N/mm ² | 0.18 mm/rev. |
| $\varnothing D_1$ 1st step with chamfer h8 | 15.1 mm |
| Shank $\varnothing D_s$ | 18 mm |

| | |
|-------------------------------------|-------------------|
| Overall length L | 123 mm |
| No. of teeth Z | 2 |
| Through-coolant | no |
| Step height L ₁ 1st step | 38.5 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 |