

**Garant**
**Solid carbide stepped drill for tapping holes 90°, TiAlN, for threads: M10**

**Order data**

Order number	125100 M10
GTIN	4045197064998
Item class	11E

**Description**
**Version:**

**Drill and counterbore each with its own chip flutes and guide chamfers.** This special design permits frequent regrinding without losing the stepped drill profile. Countersink angle 90°.

**Advantage:**

Precisely aligned **tapping drill hole and countersink produced in a single operation.** For tapping drill holes.

No. of teeth Z: 2

Through-coolant: no

Ø D<sub>1</sub> 1st step with chamfer h7: 8.5 mm

Ø D<sub>2</sub> 2nd step with chamfer h7: 12 mm

Step height L<sub>1</sub> 1st step: 25.5 mm

Flute length L<sub>c</sub>: 55 mm

Overall length L: 102 mm

Shank Ø D<sub>s</sub>: 12 mm

**Technical description**

Feed f in steel < 1100 N/mm <sup>2</sup>	0.14 mm/rev.
Flute length L <sub>c</sub>	55 mm
Ø D <sub>2</sub> 2nd step with chamfer h7	12 mm
for threads	M10
Ø D <sub>1</sub> 1st step with chamfer h7	8.5 mm
Shank Ø D <sub>s</sub>	12 mm
Overall length L	102 mm

No. of teeth Z	2
Through-coolant	no
Step height L <sub>1</sub> 1st step	25.5 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal Ø	h7
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