

Garant
Subland drill HSS-E with long drilling step 90°, uncoated, for screws: M4

Order data

Order number	117160 M4
GTIN	4045197036018
Item class	11C

Description
Version:
With long drilling step.
Application:

For through holes for screws to DIN-ISO 273 and countersinks to DIN 74, sheet 1 form A, medium version.

For screws to ISO 2009, 2010, 7046, 7047 (DIN 963, 964, 965 and 966).

Especially suitable for holes with simultaneous countersinking in the profile material.

Ø D₁ 1st step with chamfer ±0.05: 4.3 mm

Ø D₂ 2nd step with chamfer h9: 8.6 mm

Step height L₁ 1st step: 30 mm

Flute length L_c: 55 mm

Overall length L: 110 mm

Shank Ø D_s: 8.6 mm

Technical description

Flute length L _c	55 mm
Ø D ₁ 1st step with chamfer ±0.05	4.3 mm
Feed f in steel < 750 N/mm ²	0.03 mm/rev.
for screws	M4
Ø D ₂ 2nd step with chamfer h9	8.6 mm
Number of cutting edges Z	2
Shank Ø D _s	8.6 mm
Overall length L	110 mm

Step height L ₁ 1st step	30 mm
Coating	uncoated
Tool material	HSS E
Standard	Manufacturer's standard
Tolerance nominal Ø	± 0.05
Point angle	118 degrees
Shank	Parallel shank to h8
Countersink angle	90 degrees
Through-coolant	no
Shank tolerance	h8
Colour ring	without
Type of product	Stepped drill