

Garant
Subland drill HSS 90°, vaporised, for screws: M5

Order data

Order number	117180 M5
GTIN	4045197036087
Item class	11C

Description
Version:

Drill and counterbore each with its own chip flutes and guide chamfers. This means it can be reground many times.

Application:

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

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

Ø D₁ 1st step with chamfer h₉: 5.3 mm

Ø D₂ 2nd step with chamfer h₈: 10 mm

Step height L₁ 1st step: 13 mm

Flute length L_c: 87 mm

Overall length L: 133 mm

Shank Ø D_s: 10 mm

Technical description

Flute length L _c	87 mm
Ø D ₂ 2nd step with chamfer h ₈	10 mm
Number of cutting edges Z	2
for screws	M5
Feed f in steel < 750 N/mm ²	0.07 mm/rev.
Ø D ₁ 1st step with chamfer h ₉	5.3 mm
Shank Ø D _s	10 mm
Overall length L	133 mm

Step height L ₁ 1st step	13 mm
Coating	vaporised
Tool material	HSS
Standard	DIN 8374
Tolerance nominal Ø	h9
Point angle	118 degrees
Helix angle	20-30 degrees
Shank	Parallel shank to h8
Countersink angle	90 degrees
Through-coolant	no
Shank tolerance	h8
Colour ring	without
Type of product	Stepped drill