

Subland drill HSS 90°, vaporised, for threads: M12



Order data

Order number	117060 M12
GTIN	4045197035837
Item class	11C

Description

Version:

Drill and counterbore each with its own chip flutes and guide chamfers. This means the profile of the stepped drill is retained even after repeated regrinding.

Application:

Tapping hole and countersink are produced **in one operation**, precisely aligned.

For drilling tapping holes to DIN 336 sheet 1 with 90° countersinking (similar to DIN 69, medium version).

No. of teeth Z: 2 Through-coolant: no

 \emptyset D₁ 1st step with chamfer h9: 10.2 mm \emptyset D₂ 2nd step with chamfer h8: 13.5 mm

Step height L₁ 1st step: 30 mm

Flute length L_c: 108 mm Overall length L: 160 mm Shank Ø D_c: 13.5 mm

Technical description

Feed f in steel < 750 N/mm ²	0.16 mm/rev.
Ø D₁ 1st step with chamfer h9	10.2 mm
Flute length L _c	108 mm
Ø D ₂ 2nd step with chamfer h8	13.5 mm
for threads	M12
Shank Ø D _s	13.5 mm
Overall length L	160 mm

No. of teeth Z	2
Through-coolant	no
Step height L ₁ 1st step	30 mm
Coating	vaporised
Tool material	HSS
Standard	DIN 8378
Tolerance nominal Ø	h9
Point angle	118 degrees
Shank	Parallel shank to h8
Helix angle	20-30 degrees
Countersink angle	90 degrees
Shank tolerance	h8
Colour ring	without
Type of product	Stepped drill