

Garant
Subland drill HSS 180°, vaporised, for screws: M16

Order data

Order number	117320 M16
GTIN	4045197036407
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:

For screw through holes to DIN-ISO 273 and screw head counterbores shape H, J, and K. Medium version to DIN 74 sheet 2.

Note:

For suitable reducing adapters for tools with MT shanks see **No. 343000-343530**.

Ø D₁ 1st step 180° h9: 17.5 mm

Ø D₂ 2nd step 180° h8: 26 mm

Step height L₁ 1st step 180°: 35 mm

Flute length L_c: 165 mm

Overall length L: 286 mm

Morse taper MT size: 3

Technical description

Step height L ₁ 1st step 180°	35 mm
Ø D ₁ 1st step 180° h9	17.5 mm
Number of cutting edges Z	2
Ø D ₂ 2nd step 180° h8	26 mm
Flute length L _c	165 mm
for screws	M16
Feed f in steel < 750 N/mm ²	0.2 mm/rev.

Overall length L	286 mm
Morse taper MT size	3
Coating	vaporised
Tool material	HSS
Standard	DIN 8377
Tolerance nominal \varnothing	h9
Point angle	118 degrees
Helix angle	20-30 degrees
Shank	Morse taper
Countersink angle	180 degrees
Through-coolant	no
Colour ring	without
Type of product	Stepped drill