

Garant
HSS-E centre drill for tapping holes A with flat, uncoated, for threads: M16

Order data

Order number	111313 M16
GTIN	4062406102005
Item class	11A

Description
Version:

Stepped centre drill for tapping holes to Form A.

For **combined production** of centring, entry chamfer and tapping hole **all in a single operation**.

With additional flats on the shank.

Nominal $\varnothing D_c$: 14 mm

$\varnothing D_1$ 1st step: 17 mm

$\varnothing D_2$ 2nd step: 25 mm

Step height L_1 1st step: 33 mm

Step height L_2 2nd step: 41.3 mm

for workpiece \varnothing : 250 – 290 mm

Technical description

Feed f in steel $< 900 \text{ N/mm}^2$	0.25 mm/rev.
Shank $\varnothing D_s$	25 mm
Number of cutting edges Z	2
Nominal $\varnothing D_c$	14 mm
Overall length L	132 mm
$s - 0.1$	23.4 mm
for workpiece \varnothing	250 – 290 mm
Step height L_2 2nd step	41.3 mm

Ø D ₁ 1st step	17 mm
Step height L ₁ 1st step	33 mm
Ø D ₂ 2nd step	25 mm
Coating	uncoated
Tool material	HSS E
Standard	DIN 332/2
Type	A
Tolerance nominal Ø	0 / -0.05
Countersink angle	60 degrees
Cutting direction	right-hand
Shank	Parallel shank to h7
Through-coolant	no
Colour ring	without
Type of product	convex