

Garant
HSS-E centre drill for tapping holes A with flat, uncoated, for threads: M12

Order data

Order number	111313 M12
GTIN	4062406101992
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 $\varnothing D_c$: 10.2 mm

 $\varnothing D_1$ 1st step: 13 mm

 $\varnothing D_2$ 2nd step: 20 mm

 Step height L_1 1st step: 28 mm

 Step height L_2 2nd step: 34.5 mm

 for workpiece \varnothing : 210 – 250 mm

Technical description

Number of cutting edges Z	2
Feed f in steel < 900 N/mm ²	0.2 mm/rev.
Shank $\varnothing D_s$	20 mm
s – 0.1	18.45 mm
Overall length L	105 mm
Nominal $\varnothing D_c$	10.2 mm
for workpiece \varnothing	210 – 250 mm
Step height L_2 2nd step	34.5 mm

Step height L ₁ 1st step	28 mm
Ø D ₁ 1st step	13 mm
Ø D ₂ 2nd step	20 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