

**Garant**
**HSS-E centre drill for tapping holes A with flat, uncoated, for threads: M24**

**Order data**

Order number	111313 M24
GTIN	4062406102029
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  $\varnothing D_c$ : 21 mm

$\varnothing D_1$  1st step: 25 mm

$\varnothing D_2$  2nd step: 40 mm

Step height  $L_1$  1st step: 45 mm

Step height  $L_2$  2nd step: 57 mm

for workpiece  $\varnothing$ : 320 – 350 mm

**Technical description**

Overall length L	160 mm
s – 0.1	36.5 mm
for workpiece $\varnothing$	320 – 350 mm
Number of cutting edges Z	2
Shank $\varnothing D_s$	40 mm
Nominal $\varnothing D_c$	21 mm
Feed f in steel < 900 N/mm <sup>2</sup>	0.4 mm/rev.
Step height $L_2$ 2nd step	57 mm

Ø D <sub>1</sub> 1st step	25 mm
Step height L <sub>1</sub> 1st step	45 mm
Ø D <sub>2</sub> 2nd step	40 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