

**Garant**
**HSS-E centre drill for tapping holes A with flat, uncoated, for threads: M4**

**Order data**

Order number	111313 M4
GTIN	4062406101947
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  $\varnothing D_c$ : 3.3 mm

$\varnothing D_1$  1st step: 4.3 mm

$\varnothing D_2$  2nd step: 8 mm

Step height  $L_1$  1st step: 11 mm

Step height  $L_2$  2nd step: 12.6 mm

for workpiece  $\varnothing$ : 40 – 63 mm

**Technical description**

$s - 0.1$	6.75 mm
Feed $f$ in steel $< 900 \text{ N/mm}^2$	0.05 mm/rev.
Overall length $L$	63 mm
Nominal $\varnothing D_c$	3.3 mm
for workpiece $\varnothing$	40 – 63 mm
Shank $\varnothing D_s$	8 mm
Number of cutting edges $Z$	2
Step height $L_2$ 2nd step	12.6 mm

Ø D <sub>1</sub> 1st step	4.3 mm
Step height L <sub>1</sub> 1st step	11 mm
Ø D <sub>2</sub> 2nd step	8 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