

**Garant**
**Micro drill HSS-E-PM N, uncoated, Ø DC -0.004: 0,40 mm**

**Order data**

Order number	112300 0,40
GTIN	4045197001641
Item class	11A

**Description**
**Version:**

Special drill with reinforced shank, high concentricity and precision ground point.

**Recommendation:**
**Maximum drilling depth:**

$$L_2 = L_c - 1.5 \times D_c$$

Through-coolant: no

Standard: DIN 1899 A

Tolerance nominal Ø: 0 / -0.004

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 3 mm

Flute length  $L_c$ : 3.6 mm

Overall length L: 25 mm

Shank Ø  $D_s$ : 1 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.011 mm/rev.

**Technical description**

Shank tolerance	h8
Feed f in steel < 900 N/mm <sup>2</sup>	0.011 mm/rev.
Nominal Ø $D_c$	0.4 mm
Number of cutting edges Z	2
Flute length $L_c$	3.6 mm
Tolerance nominal Ø	0 / -0.004
Shank Ø $D_s$	1 mm

Overall length L	25 mm
Standard	DIN 1899 A
recommended maximum drilling depth L <sub>2</sub>	3 mm
Point angle	118 degrees
Coating	uncoated
Tool material	HSS E PM
Type	N
Shank	Parallel shank to h8
Through-coolant	no
Colour ring	without
Type of product	Jobber drill