

**Garant**
**Solid carbide centre drills A, uncoated, Ø DC k13: 4 mm**

**Order data**

Order number	121000 4
GTIN	4045197038388
Item class	11E

**Description**
**Version:**

Ground from solid carbide bar. Spiral fluted.

Nominal Ø D<sub>c</sub>: 4 mm

for workpiece Ø: 40 – 63 mm

Shank Ø D<sub>s</sub>: 10 mm

Overall length L: 56 mm

Feed f in steel < 1100 N/mm<sup>2</sup>: 0.1 mm/rev.

**Technical description**

Number of cutting edges Z	2
Feed f in steel < 1100 N/mm <sup>2</sup>	0.1 mm/rev.
Nominal Ø D <sub>c</sub>	4 mm
Shank tolerance	h6
for workpiece Ø	40 – 63 mm
Shank Ø D <sub>s</sub>	10 mm
Overall length L	56 mm
Coating	uncoated
Tool material	Solid carbide
Standard	DIN 333
Type	A

Tolerance nominal $\emptyset$	k13
Countersink angle	60 degrees
Cutting direction	right-hand
Shank	Parallel shank to h6
Through-coolant	no
Colour ring	without
Type of product	convex