

**Garant**
**NC reamer H7, uncoated, Nominal Ø DC: 4,5 mm**

**Order data**

Order number	162900 4,5
GTIN	4045197090089
Item class	110

**Description**
**Version:**

**Version suitable for NC** similar to DIN 212 **with straight shank Ø** for **standard chucking** especially in **hydraulic chucks** or **high precision collet chucks**. For **highest concentricity** and **process reliability**. **No need to order special collets**.

With long flutes and left-hand helix.

≤ Ø size 1.7 with 3 teeth; ≥ Ø size 1.8 even number of teeth and irregular spacing. ≤ Ø size 3.7 both ends with centre points; ≥ Ø size 3.8 both ends with centre holes.

Reamer manufacturing tolerance to DIN 1420 for H7 hole tolerance.

**Note:**

For reamers in **1/100 sizes** see **No. 162902**.

For reamers with **diameters and fits to specification** see **No. 162951**

Application for type of drilling: for through holes

Bore Ø tolerance: H7

Number of cutting edges Z: 6

Bore Ø tolerance: H7

Flute length  $L_c$ : 21 mm

Overhang  $L_1$ : 51 mm

Overall length L: 80 mm

Number of cutting edges Z: 6

Shank Ø  $D_s$ : 5 mm

**Technical description**

Shank tolerance	h6
Feed f in steel < 750 N/mm <sup>2</sup>	0.15 mm/rev.
Nominal Ø $D_c$	4.5 mm

Overhang $L_1$	51 mm
Shank $\varnothing D_s$	5 mm
Overall length L	80 mm
Flute length $L_c$	21 mm
Number of cutting edges Z	6
recommended drill $\varnothing$ in steel < 750 N/mm <sup>2</sup>	4.4 mm
Bore $\varnothing$ tolerance	H7
Coating	uncoated
Tool material	HSS E
Standard	Manufacturer's standard
Through-coolant	no
Shank	DIN 1835 A to h6
Application for type of drilling	for through holes
Colour ring	green
Type of product	Reaming tool with non-detachable cutters