

**Garant**
**NC reamer H7, uncoated, Nominal  $\varnothing$  DC: 2,1 mm**

**Order data**

Order number	162900 2,1
GTIN	4045197089663
Item class	110

**Description**
**Version:**

**Version suitable for NC** similar to DIN 212 **with straight shank  $\varnothing$**  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.

$\leq \varnothing$  size 1.7 with 3 teeth;  $\geq \varnothing$  size 1.8 even number of teeth and irregular spacing.  $\leq \varnothing$  size 3.7 both ends with centre points;  $\geq \varnothing$  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  $\varnothing$  tolerance: H7

Number of cutting edges Z: 4

Bore  $\varnothing$  tolerance: H7

Flute length  $L_c$ : 11 mm

Overhang  $L_1$ : 24 mm

Overall length L: 49 mm

Number of cutting edges Z: 4

Shank  $\varnothing D_s$ : 2 mm

**Technical description**

Shank tolerance	h6
Nominal $\varnothing D_c$	2.1 mm
Feed f in steel $< 750 \text{ N/mm}^2$	0.15 mm/rev.

Overhang $L_1$	24 mm
Shank $\varnothing D_s$	2 mm
Overall length L	49 mm
Flute length $L_c$	11 mm
Number of cutting edges Z	4
recommended drill $\varnothing$ in steel $< 750 \text{ N/mm}^2$	2 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