

Garant
NC reamer H7, uncoated, Nominal Ø DC: 6,1 mm

Order data

Order number	162900 6,1
GTIN	4045197090362
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 : 28 mm

Overhang L_1 : 64 mm

Overall length L: 101 mm

Number of cutting edges Z: 6

Shank Ø D_s : 6 mm

Technical description

Overhang L_1	64 mm
Feed f in steel < 750 N/mm ²	0.2 mm/rev.
Shank tolerance	h6

Nominal $\varnothing D_c$	6.1 mm
Shank $\varnothing D_s$	6 mm
Overall length L	101 mm
Flute length L_c	28 mm
Number of cutting edges Z	6
recommended drill \varnothing in steel < 750 N/mm ²	5.9 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