

Garant
NC reamer H7, uncoated, Nominal Ø DC: 12,1 mm

Order data

Order number	162900 12,1
GTIN	4062406151904
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: 44 mm

Overhang L₁: 110 mm

Overall length L: 151 mm

Number of cutting edges Z: 6

Shank Ø D_s: 10 mm

Technical description

Nominal Ø D _c	12.1 mm
Flute length L _c	44 mm
Overall length L	151 mm

recommended drill \varnothing in steel < 750 N/mm ²	11.9 mm
Bore \varnothing tolerance	H7
Shank \varnothing D _s	10 mm
Number of cutting edges Z	6
Feed f in steel < 750 N/mm ²	0.25 mm/rev.
Shank tolerance	h6
Overhang L ₁	110 mm
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