Garant

NC reamer, uncoated, Nominal ⌀ DC: 8,19 mm



Order data

Order number	162902 8,19
GTIN	4062406142766
Item class	11O

Description

Version:
Reamers such as 162900, but in 1/100 sizes.
Version suitable for NC similar to DIN 212 **with straight shank ⌀** 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.
Reamer manufacturing tolerances:
≤ ⌀ 5.50 mm: 0 / +0.004 mm
> ⌀ 5.50 mm: 0 / +0.005 mm
Ordering example:
Desired dia. 6.24 mm – ordering particulars: article number 162902 6.24.
The 6.24 mm reamer with tolerance 0 / +0.005 mm is supplied.
Depending on availability, delivery time is from stock or max. 1 working week.
To determine which diameter you need for your desired fit, please see the following table (page 211). Often one reamer also covers further fits, since the tolerance bands overlap.
Note:
Reamers in whole number sizes and 1/10 sizes for **H7 fit** see **No. 162900.**
For reamers with diameters and **fits to specification** see **No. 162951.**
You can find the associated table of fits in Catalogue 51 on page 199.
Application for type of drilling: for through holes
Bore ⌀ tolerance: 0 / 0,005
Number of cutting edges Z: 6
Bore ⌀ tolerance: 0 / 0,005
Flute length L_c: 33 mm
Overhang L_1: 80 mm
Overall length L: 117 mm
Number of cutting edges Z: 6
Shank ⌀ D_s: 8 mm

Technical description

Bore ∅ tolerance	0 / 0,005
Feed f in steel < 750 N/mm^2	0.25 mm/rev.
Number of cutting edges Z	6
Overall length L	117 mm
Overhang L_1	80 mm
Flute length L_c	33 mm
Nominal ∅ D_C	8.19 mm
Shank ∅ D_s	8 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