

Garant
NC reamer, uncoated, Nominal Ø DC: 2,55 mm

Order data

Order number	162902 2,55
GTIN	4062406162603
Item class	110

Description
Version:

Reamers such as 162900, but in 1/100 sizes.

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.

Reamer manufacturing tolerances:

≤ Ø 5.50 mm: 0 / +0.004 mm

> Ø 5.50 mm: 0 / +0.005 mm

Ordering example:

Desired Ø 6.24 mm - Ordering particulars: Item number 162902 6.24.

A reamer with 6.24 mm in tolerance 0 / +0.005 mm is delivered.

Delivery time ex stock if available or max. 1 working week.

The diameter necessary for the desired fit can be seen from the table below (page 199). 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 50 on page 244.

Application for type of drilling: for through holes

Bore Ø tolerance: 0 / 0.004

Number of cutting edges Z: 4

Bore Ø tolerance: 0 / 0.004

Flute length L_c: 14 mm

Overhang L₁: 29 mm

Overall length L: 57 mm

Number of cutting edges Z: 4

Shank Ø D_s: 3 mm

Technical description

Overhang L_1	29 mm
Number of cutting edges Z	4
Shank $\varnothing D_s$	3 mm
Flute length L_c	14 mm
Feed f in steel < 750 N/mm ²	0.15 mm/rev.
Bore \varnothing tolerance	0 / 0.004
Overall length L	57 mm
Nominal $\varnothing D_c$	2.55 mm
recommended drill \varnothing in steel < 750 N/mm ²	2.4 mm
Upper dimension of the cut	0.004 mm
Lower dimension of the cut	0 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