

NC reamer, uncoated, Nominal Ø DC: 7,68 mm



Order data

Order number	162902 7,68
GTIN	4062406142254
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:

 $\leq \emptyset$ 5.50 mm: 0 / +0.004 mm > \emptyset 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 \varnothing tolerance: 0 / 0,005 Number of cutting edges Z: 6 Bore \varnothing 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 Ø D_s: 8 mm

Technical description

Flute length L_c 33 mm Shank \varnothing D_s 8 mm Overall length L 117 mm Nominal \varnothing D_c 7.68 mm Number of cutting edges Z 6 Feed f in steel $<$ 750 N/mm² 0.2 mm/rev. Overhang L_1 80 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 green Reaming tool with non-		
Shank Ø D₃ 8 mm Overall length L 117 mm Nominal Ø D₀ 7.68 mm Number of cutting edges Z 6 Feed f in steel < 750 N/mm²	Bore Ø tolerance	0 / 0,005
Overall length L 117 mm Nominal Ø Dc 7.68 mm Number of cutting edges Z 6 Feed f in steel < 750 N/mm²	Flute length L _c	33 mm
Nominal \emptyset D _C Number of cutting edges Z Feed f in steel < 750 N/mm² Overhang L₁ Coating Tool material Standard Through-coolant Shank Application for type of drilling Colour ring Type of product Type of product Tool material Tool material Type of product Type of product	Shank Ø D₅	8 mm
Number of cutting edges Z Feed f in steel < 750 N/mm² Overhang L₁ Coating Uncoated Tool material Standard Through-coolant Through-coolant Shank Application for type of drilling Colour ring Type of product Type of product Type of product Overhang Z Beaming tool with non-	Overall length L	117 mm
Feed f in steel < 750 N/mm² Overhang L₁ Coating uncoated Tool material Standard Through-coolant Through-coolant Shank DIN 1835 A to h6 Application for type of drilling Colour ring Reaming tool with non-	Nominal Ø D _c	7.68 mm
Overhang L ₁ 80 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-	Number of cutting edges Z	6
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-	Feed f in steel < 750 N/mm ²	0.2 mm/rev.
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Standard Through-coolant Shank Application for type of drilling Colour ring Type of product Manufacturer's standard no DIN 1835 A to h6 for through holes green Reaming tool with non-	Coating	uncoated
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-	Tool material	HSS E
Shank Application for type of drilling Colour ring Type of product DIN 1835 A to h6 for through holes green Reaming tool with non-	Standard	Manufacturer's standard
Application for type of drilling for through holes Colour ring green Type of product Reaming tool with non-	Through-coolant	no
Colour ring green Type of product Reaming tool with non-	Shank	DIN 1835 A to h6
Type of product Reaming tool with non-	Application for type of drilling	for through holes
	Colour ring	green
	Type of product	