

NC reamer, uncoated, Nominal Ø DC: 6,65 mm



Order data

| Order number | 162902 6,65 |
|--------------|---------------|
| GTIN | 4062406141226 |
| 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 Ø tolerance: 0 / 0,005 Number of cutting edges Z: 6 Bore Ø tolerance: 0 / 0,005 Flute length L_c: 28 mm Overhang L₁: 64 mm Overall length L: 101 mm Number of cutting edges Z: 6

Shank Ø D_s: 6 mm

Technical description

| Overall length L Overhang L ₁ Bore Ø tolerance O / 0,005 Nominal Ø D _c Shank Ø D _s Feed f in steel < 750 N/mm² Coating Trool material Standard Through-coolant Colour ring Type of product Type of product Tour Manufacturer Reaming tool with non- | | |
|--|---|--|
| Overhang L ₁ Bore Ø tolerance 0 / 0,005 Nominal Ø D _C 6.65 mm Shank Ø D _S 6 mm Number of cutting edges Z 6 Feed f in steel < 750 N/mm² 0.2 mm/rev. Coating uncoated Tool material HSS E Standard Manufacturer's standard Through-coolant no Shank DIN 1835 A to h6 Application for type of drilling Colour ring Type of product Reaming tool with non- | Flute length L _c | 28 mm |
| Bore Ø tolerance 0 / 0,005 Nominal Ø Dc 6.65 mm Shank Ø Ds 6 mm Number of cutting edges Z 6 Feed f in steel < 750 N/mm² 0.2 mm/rev. Coating uncoated HSS E Standard HSS E Standard Manufacturer's standard mo Shank DIN 1835 A to h6 Application for type of drilling for through holes Colour ring green Type of product Reaming tool with non- | Overall length L | 101 mm |
| Nominal Ø Dc 6.65 mm Shank Ø Ds 6 mm Number of cutting edges Z 6 Feed f in steel < 750 N/mm² 0.2 mm/rev. 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 | Overhang L ₁ | 64 mm |
| Shank Ø D _s Number of cutting edges Z Feed f in steel < 750 N/mm² Coating Tool material Standard Through-coolant Shank Application for type of drilling Colour ring Type of product Shank A mm Shank B mm 6 m | Bore Ø tolerance | 0 / 0,005 |
| Number of cutting edges Z Feed f in steel < 750 N/mm² Coating uncoated HSS E Standard Manufacturer's standard Through-coolant Shank DIN 1835 A to h6 Application for type of drilling Colour ring Reaming tool with non- | Nominal Ø D _c | 6.65 mm |
| Feed f in steel < 750 N/mm² Coating Uncoated HSS E Standard Manufacturer's standard Through-coolant Shank Application for type of drilling Colour ring Type of product Reaming tool with non- | Shank Ø D _s | 6 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 |
| Tool material HSS E Manufacturer's standard Through-coolant no Shank DIN 1835 A to h6 Application for type of drilling Colour ring Type of product Reaming tool with non- | Feed f in steel < 750 N/mm ² | 0.2 mm/rev. |
| 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- | 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 DIN 1835 A to h6 Application for type of drilling Colour ring Type of product 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 |
| 1000 AT M M M M M M M | Colour ring | green |
| detachable cutters | Type of product | Reaming tool with non- detachable cutters |