

Garant
Solid carbide NC machine reamer, uncoated, Nominal \varnothing DC: 3,02 mm

Order data

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| Order number | 164340 3,02 |
| GTIN | 4045197093202 |
| Item class | 11P |

Description
Version:

Version suitable for NC similar to DIN 8093 **with straight shank \varnothing** for **standard chucking** especially in **hydraulic chucks** or **high precision collet chucks**. This gives **very high concentricity** and **process reliability** when manufacturing H7 fits. **No need to procure special collets when using GARANT NC reamers**. With long flutes and left-hand helix.

Application:

For reaming through holes, as the chips are evacuated in the cutting direction. Lead taper is suitable also for blind holes.

Note:

For reamers like No. 164340 and 164341 but with other diameters and fits see No. 164344 and 164345.

Application for type of drilling: for through holes

Bore \varnothing tolerance: H7

Number of cutting edges Z: 4

Bore \varnothing tolerance: H7

Flute length L_c : 17 mm

Overhang L_1 : 30 mm

Overall length L: 64 mm

Number of cutting edges Z: 4

Shank \varnothing D_s : 4 mm

Technical description

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|--|--------------|
| Shank tolerance | h6 |
| Nominal \varnothing D_c | 3.02 mm |
| Feed f in steel < 1100 N/mm ² | 0.12 mm/rev. |

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|---|--|
| Overhang L_1 | 30 mm |
| Shank $\varnothing D_s$ | 4 mm |
| Overall length L | 64 mm |
| Flute length L_c | 17 mm |
| Number of cutting edges Z | 4 |
| recommended drill \varnothing in steel < 1100 N/mm ² | 2.8 mm |
| Bore \varnothing tolerance | H7 |
| Coating | uncoated |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Through-coolant | no |
| Shank | DIN 6535 HA with h6 |
| Application for type of drilling | for through holes |
| Colour ring | green |
| Type of product | Reaming tool with non-detachable cutters |