

Garant

Solid carbide NC machine reamer, TiAlN, Nominal Ø DC: 12 mm



Order data

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| Order number | 164341 12 |
| GTIN | 4045197465047 |
| Item class | 11P |

Description

Version:

Version suitable for NC similar to DIN 8093 **with straight shank Ø** 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 Ø tolerance: H7

Number of cutting edges Z: 6

Bore Ø tolerance: H7

Flute length L_c : 44 mm

Overhang L_1 : 99 mm

Overall length L: 150 mm

Number of cutting edges Z: 6

Shank Ø D_s : 12 mm

Technical description

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| Overhang L_1 | 99 mm |
| Feed f in steel < 1100 N/mm ² | 0.18 mm/rev. |
| Nominal Ø D_c | 12 mm |

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|---|--|
| Shank tolerance | h6 |
| Shank \varnothing D _s | 12 mm |
| Overall length L | 150 mm |
| Flute length L _c | 44 mm |
| Number of cutting edges Z | 6 |
| recommended drill \varnothing in steel < 1100 N/mm ² | 11.7 mm |
| Bore \varnothing tolerance | H7 |
| Coating | TiAlN |
| 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 |