

## Garant

### Solid carbide NC machine reamer, uncoated, Nominal $\varnothing$ DC: 4,3 mm



#### Order data

|              |               |
|--------------|---------------|
| Order number | 164340 4,3    |
| GTIN         | 4045197093400 |
| 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: 6

Bore  $\varnothing$  tolerance: H7

Flute length  $L_c$ : 23 mm

Overhang  $L_1$ : 40 mm

Overall length L: 82 mm

Number of cutting edges Z: 6

Shank  $\varnothing$   $D_s$ : 6 mm

#### Technical description

|  |              |
|--|--------------|
| Overhang $L_1$                           | 40 mm        |
| Feed f in steel < 1100 N/mm <sup>2</sup> | 0.12 mm/rev. |
| Nominal $\varnothing$ $D_c$              | 4.3 mm       |

|   |  |
|---|--|
| Shank tolerance   | h6                                       |
| Shank $\varnothing$ D <sub>s</sub>                                | 6 mm                                     |
| Overall length L  | 82 mm                                    |
| Flute length L <sub>c</sub>                                       | 23 mm                                    |
| Number of cutting edges Z   | 6  |
| recommended drill $\varnothing$ in steel < 1100 N/mm <sup>2</sup> | 4.1 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 |