

**Garant**
**Solid carbide NC machine reamer, TiAlN, Nominal Ø DC: 6,7 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 164341 6,7    |
| GTIN         | 4045197464729 |
| 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  $L_c$ : 26 mm

Overhang  $L_1$ : 59 mm

Overall length L: 101 mm

Number of cutting edges Z: 6

Shank Ø  $D_s$ : 8 mm

**Technical description**

|  |              |
|--|--------------|
| Feed f in steel < 1100 N/mm <sup>2</sup> | 0.14 mm/rev. |
| Overhang $L_1$                           | 59 mm        |
| Nominal Ø $D_c$                          | 6.7 mm       |

|   |  |
|---|--|
| Shank tolerance                                       | h6                                       |
| Shank Ø D <sub>s</sub>                                | 8 mm                                     |
| Overall length L                                      | 101 mm                                   |
| Flute length L <sub>c</sub>                           | 26 mm                                    |
| Number of cutting edges Z                             | 6  |
| recommended drill Ø in steel < 1100 N/mm <sup>2</sup> | 6.5 mm                                   |
| Bore Ø 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 |