

**Garant**
**NC reamer H7, uncoated, Nominal Ø DC: 4,6 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 162900 4,6    |
| GTIN         | 4045197090096 |
| Item class   | 110           |

**Description**
**Version:**

**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.

≤ Ø size 1.7 with 3 teeth; ≥ Ø size 1.8 even number of teeth and irregular spacing. ≤ Ø size 3.7 both ends with centre points; ≥ Ø size 3.8 both ends with centre holes.

Reamer manufacturing tolerance to DIN 1420 for H7 hole tolerance.

**Note:**

For reamers in **1/100 sizes** see **No. 162902**.

For reamers with **diameters and fits to specification** see **No. 162951**

Application for type of drilling: for through holes

Bore Ø tolerance: H7

Number of cutting edges Z: 6

Bore Ø tolerance: H7

Flute length  $L_c$ : 21 mm

Overhang  $L_1$ : 51 mm

Overall length L: 80 mm

Number of cutting edges Z: 6

Shank Ø  $D_s$ : 5 mm

**Technical description**

|   |              |
|---|--------------|
| Shank tolerance                         | h6           |
| Overhang $L_1$                          | 51 mm        |
| Feed f in steel < 750 N/mm <sup>2</sup> | 0.15 mm/rev. |

|  |  |
|--|--|
| Nominal $\varnothing D_c$  | 4.6 mm                                   |
| Shank $\varnothing D_s$  | 5 mm                                     |
| Overall length L   | 80 mm                                    |
| Flute length $L_c$   | 21 mm                                    |
| Number of cutting edges Z  | 6  |
| recommended drill $\varnothing$ in steel < 750 N/mm <sup>2</sup> | 4.5 mm                                   |
| Bore $\varnothing$ tolerance                                     | H7                                       |
| 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-detachable cutters |