

**Garant**
**Solid carbide reamer HPC blind hole, DLC, Nominal Ø DC: 16H7 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 164347 16H7   |
| GTIN         | 4045197593900 |
| Item class   | 10N           |

**Description**
**Version:**

**Version suitable for NC** with straight shank Ø for standard arbors especially in **hydraulic chucks** or **high precision collet chucks**. This gives **very high concentricity** and **process reliability**. No need to procure special collets. With internal coolant supply for **HPC applications** to reduce manufacturing costs.

**Reamers finish ground to match your specifications.**

With the latest generation of **DLC coating sp<sup>2</sup>**.

**Application:**

For **HPC/HSC reaming of blind holes**.

Bore Ø tolerance: H7

Number of cutting edges Z: 6

Bore Ø tolerance: H7

Flute length L<sub>c</sub>: 25 mm

Overhang L<sub>1</sub>: 97 mm

Overall length L: 150 mm

Number of cutting edges Z: 6

Shank Ø D<sub>s</sub>: 16 mm

**Technical description**

|                          |             |
|--------------------------|-------------|
| Overhang L <sub>1</sub>  | 97 mm       |
| Nominal Ø D <sub>c</sub> | 16 mm       |
| Shank tolerance          | h6          |
| Feed f in cast alu       | 1.7 mm/rev. |
| Shank Ø D <sub>s</sub>   | 16 mm       |

|                                       |  |
|---------------------------------------|--|
| Overall length L                      | 150 mm                                   |
| Flute length L <sub>c</sub>           | 25 mm                                    |
| Number of cutting edges Z             | 6  |
| recommended drill Ø in cast aluminium | 15.8 mm                                  |
| Bore Ø tolerance                      | H7                                       |
| Coating                               | DLC                                      |
| Tool material                         | Solid carbide                            |
| Standard                              | Manufacturer's standard                  |
| Type                                  | W  |
| Through-coolant                       | yes, with 25 bar                         |
| Shank                                 | DIN 6535 HA with h6                      |
| Machining strategy                    | HPC                                      |
| Application for type of drilling      | for blind holes                          |
| Colour ring                           | yellow                                   |
| Type of product                       | Reaming tool with non-detachable cutters |