

**Garant**
**Solid carbide reamer HPC through hole, TiAlN, Nominal Ø DC: 15H7 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 164350 15H7   |
| GTIN         | 4045197465153 |
| 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 short flutes and left-hand helix.

**Application:**

For **HPC/HSM reaming** of **through holes**.

**Note:**
**NEW GENERATION AVAILABLE!**
**Recommended successor product is No. 164420.**

Application for type of drilling: for through holes

Bore Ø tolerance: H7

Number of cutting edges Z: 6

Bore Ø tolerance: H7

Flute length  $L_c$ : 22 mm

Overhang  $L_1$ : 77 mm

Overall length L: 130 mm

Number of cutting edges Z: 6

Shank Ø  $D_s$ : 16 mm

**Technical description**

|   |              |
|---|--------------|
| Feed f in stainless steel < 900 N/mm <sup>2</sup> | 0.23 mm/rev. |
| Shank tolerance                                   | h6           |

|   |  |
|---|--|
| Overhang $L_1$  | 77 mm                                    |
| Nominal $\varnothing D_c$                                       | 15 mm                                    |
| Shank $\varnothing D_s$   | 16 mm                                    |
| Overall length L  | 130 mm                                   |
| Flute length $L_c$  | 22 mm                                    |
| Number of cutting edges Z                                       | 6  |
| recommended drill $\varnothing$ in INOX < 900 N/mm <sup>2</sup> | 14.8 mm                                  |
| Bore $\varnothing$ tolerance                                    | H7                                       |
| Coating   | TiAlN                                    |
| Tool material   | Solid carbide                            |
| Standard  | Manufacturer's standard                  |
| Through-coolant   | yes, with 25 bar                         |
| Shank   | DIN 6535 HA with h6                      |
| Machining strategy  | HPC                                      |
| Application for type of drilling                                | for through holes                        |
| Colour ring   | blue                                     |
| Type of product   | Reaming tool with non-detachable cutters |