

**Garant**
**Solid carbide reamer HPC through hole, TiAlN, Nominal Ø DC: 6H7mm**

**Order data**

Order number	164350 6H7
GTIN	4045197645746
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: 4

Bore Ø tolerance: H7

Flute length  $L_c$ : 12 mm

Overhang  $L_1$ : 35 mm

Overall length L: 75 mm

Number of cutting edges Z: 4

Shank Ø  $D_s$ : 6 mm

**Technical description**

Nominal Ø $D_c$	6 mm
Feed f in stainless steel < 900 N/mm <sup>2</sup>	0.06 mm/rev.

Overhang $L_1$	35 mm
Shank tolerance	h6
Shank $\varnothing D_s$	6 mm
Overall length L	75 mm
Flute length $L_c$	12 mm
Number of cutting edges Z	4
recommended drill $\varnothing$ in INOX $< 900 \text{ N/mm}^2$	5.9 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	Phillips bit

## User data

	Suitability	$V_c$	ISO code
INOX $< 900 \text{ N/mm}^2$	suitable	30 m/min	M
INOX $> 900 \text{ N/mm}^2$	suitable	25 m/min	M
Oil	suitable		
wet maximum	suitable		