

**Garant**
**Solid carbide reamer HPC blind hole, TiAlN, Nominal Ø DC: 8H7mm**

**Order data**

Order number	164351 8H7
GTIN	4045197852946
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, straight flutes.

**Application:**

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

**Note:**

**NEW GENERATION AVAILABLE!**

**Recommended successor product is No. 164425.**

Application for type of drilling: for blind holes

Bore Ø tolerance: H7

Number of cutting edges Z: 6

Bore Ø tolerance: H7

Flute length L<sub>c</sub>: 16 mm

Overhang L<sub>1</sub>: 58 mm

Overall length L: 100 mm

Number of cutting edges Z: 6

Shank Ø D<sub>s</sub>: 8 mm

**Technical description**

Shank tolerance	h6
Shank Ø D <sub>s</sub>	8 mm

Number of cutting edges Z	6
Feed f in stainless steel < 900 N/mm <sup>2</sup>	0.15 mm/rev.
Overhang L <sub>1</sub>	58 mm
Nominal Ø D <sub>c</sub>	8 mm
recommended drill Ø in INOX < 900 N/mm <sup>2</sup>	7.9 mm
Flute length L <sub>c</sub>	16 mm
Overall length L	100 mm
Bore Ø tolerance	H7
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Through-coolant	yes, with 25 bar
Shank	DIN 6535 HA to h6
Machining strategy	HPC
Application for type of drilling	for blind holes
Colour ring	blue
Type of product	Phillips bit

## User data

	Suitability	V <sub>c</sub>	ISO code
INOX < 900 N/mm <sup>2</sup>	suitable	30 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	25 m/min	M
Oil	suitable		
wet maximum	suitable		