

**Garant**
**Solid carbide reamer HPC blind hole, TiAlN, Nominal Ø DC: 6,5 mm**

**Order data**

Order number	164351 6,5
GTIN	4045197853219
Item class	10N

**Description**
**IMPORTANT: item is configurable**

Ø range: 6.21 - 6.7 mm, Intervall: 0,001

Nominal Ø D<sub>C</sub>: 6.5 mm

**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

Number of cutting edges Z: 6

Ø range: 6.21 - 6.7 mm

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**

Ø range	6.21 - 6.7 mm
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Shank tolerance	h6
Overall length L	100 mm
Number of cutting edges Z	6
Overhang L <sub>1</sub>	58 mm
Nominal Ø D <sub>c</sub>	6.5 mm
Shank Ø D <sub>s</sub>	8 mm
Flute length L <sub>c</sub>	16 mm
Feed f in stainless steel < 900 N/mm <sup>2</sup>	0.12 mm/rev.
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		