

**Garant**
**Solid carbide reamer HPC through hole, TiAlN, Nominal  $\varnothing$  DC: 10,5mm**

**Order data**

Order number	164350 10,5
GTIN	4045197328533
Item class	10N

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

 Nominal  $\varnothing$  D<sub>c</sub>: 10.5 mm

 $\varnothing$  range: 10.21 - 10.7 mm, Intervall: 0,001

**Version:**

**Version suitable for NC** with straight shank  $\varnothing$  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

Number of cutting edges Z: 6

 $\varnothing$  range: 10.21 - 10.7 mm

 Flute length L<sub>c</sub>: 20 mm

 Overhang L<sub>1</sub>: 70 mm

Overall length L: 120 mm

Number of cutting edges Z: 6

 Shank  $\varnothing$  D<sub>s</sub>: 12 mm

**Technical description**

Overhang L <sub>1</sub>	70 mm
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Feed f in stainless steel < 900 N/mm <sup>2</sup>	0.2 mm/rev.
Shank tolerance	h6
Nominal Ø D <sub>c</sub>	10.5 mm
Shank Ø D <sub>s</sub>	12 mm
Overall length L	120 mm
Flute length L <sub>c</sub>	20 mm
Ø range	10.21 - 10.7 mm
Number of cutting edges Z	6
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 <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		