

**Garant**
**Solid carbide reamer HPC through hole, TiAlN, Nominal Ø DC: 10H7mm**

**Order data**

Order number	164348 10H7
GTIN	4045197382559
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/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  $L_c$ : 20 mm

Overhang  $L_1$ : 76 mm

Overall length L: 120 mm

Number of cutting edges Z: 6

Shank Ø  $D_s$ : 10 mm

**Technical description**

Feed f in steel < 60 HRC	0.12 mm/rev.
Nominal Ø $D_c$	10 mm

Overhang $L_1$	76 mm
Shank tolerance	h6
Shank $\varnothing D_s$	10 mm
Overall length L	120 mm
Flute length $L_c$	20 mm
Number of cutting edges Z	6
recommended drill $\varnothing$ in steel < 60 HRC	9.9 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	red
Type of product	Phillips bit

## User data

	Suitability	$V_c$	ISO code
Steel < 55 HRC	suitable	12 m/min	H
Steel < 60 HRC	suitable only under restricted conditions	8 m/min	H
Steel < 65 HRC	Suitable only under restricted conditions	6 m/min	H
Oil	suitable		
wet maximum	suitable		