

**Garant**
**Solid carbide reamer HPC through hole, TiAlN, Nominal Ø DC: 4H7 mm**

**Order data**

Order number	164352 4H7
GTIN	4045197743749
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.**

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With short flutes and left-hand helix.

**Application:**

For **HPC/HSM reaming of through holes**.

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  $L_1$ : 34 mm

Overall length L: 75 mm

Number of cutting edges Z: 4

Shank Ø  $D_s$ : 6 mm

**Technical description**

Number of cutting edges Z	4
Overhang $L_1$	34 mm
Flute length $L_c$	12 mm
Shank tolerance	h6

Shank $\varnothing D_s$	6 mm
Nominal $\varnothing D_c$	4 mm
Overall length L	75 mm
Feed f in titanium > 850 N/mm <sup>2</sup>	0.05 mm/rev.
recommended drill $\varnothing$ in titanium > 850 N/mm <sup>2</sup>	3.9 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	pink
Type of product	Reaming tool with non-detachable cutters