

**Garant**
**Solid carbide reamer HPC through hole, TiAlN, Nominal  $\varnothing$  DC: 6H7 mm**

**Order data**

Order number	164352 6H7
GTIN	4045197674289
Item class	10N

**Description**
**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.**

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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  $\varnothing$  tolerance: H7

Number of cutting edges Z: 4

Bore  $\varnothing$  tolerance: H7

Flute length  $L_c$ : 12 mm

Overhang  $L_1$ : 35 mm

Overall length L: 75 mm

Number of cutting edges Z: 4

Shank  $\varnothing D_s$ : 6 mm

**Technical description**

Shank tolerance	h6
Nominal $\varnothing D_c$	6 mm
Feed f in titanium > 850 N/mm <sup>2</sup>	0.05 mm/rev.
Overhang $L_1$	35 mm

Shank $\varnothing D_s$	6 mm
Overall length L	75 mm
Flute length $L_c$	12 mm
Number of cutting edges Z	4
recommended drill $\varnothing$ in titanium > 850 N/mm <sup>2</sup>	5.9 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