

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

**Order data**

Order number	164346 6H7
GTIN	4045197563606
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.**

With the latest generation of **DLC coating sp<sup>2</sup>**.

**Application:**

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

Bore  $\varnothing$  tolerance: H7

Number of cutting edges Z: 4

Bore  $\varnothing$  tolerance: H7

Flute length L<sub>c</sub>: 12 mm

Overhang L<sub>1</sub>: 35 mm

Overall length L: 75 mm

Number of cutting edges Z: 4

Shank  $\varnothing$  D<sub>s</sub>: 6 mm

**Technical description**

Shank tolerance	h6
Feed f in cast alu	0.8 mm/rev.
Overhang L <sub>1</sub>	35 mm
Nominal $\varnothing$ D <sub>c</sub>	6 mm
Shank $\varnothing$ D <sub>s</sub>	6 mm

Overall length L	75 mm
Flute length L <sub>c</sub>	12 mm
Number of cutting edges Z	4
recommended drill Ø in cast aluminium	5.9 mm
Bore Ø tolerance	H7
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
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	yellow
Type of product	Reaming tool with non-detachable cutters