

Garant**GARANT Master Alu solid carbide high-performance reamers HPC blind hole, DLC, Nominal Ø DC: 4H7 mm****Order data**

Order number	164405 4H7
GTIN	4062406282127
Item class	10P

Description**Version:**

Special HPC reamers of the latest generation, **for machining aluminium**, with improved tooth geometry and further developed carbide substrate. Extra-short teeth for increased cutting performance values. Optimised cooling strategy with radially arranged coolant outlets aligned directly to the teeth. **Version suitable for NC** with straight shank Ø for standard arbors especially in **hydraulic chucks** or **high precision collet chucks**. Very high concentricity and process reliability due to unequal spacing of the teeth and special profile of the round chamfer width.

Reamers finish ground to match your specifications.

Both versions with straight flutes with DLC coating sp².

Application:

Special version for blind holes.

Bore Ø tolerance: H7

Number of cutting edges Z: 4

Bore Ø tolerance: H7

Flute length L_c: 8 mm

Overhang L_i: 39 mm

Overall length L: 75 mm

Number of cutting edges Z: 4

Shank Ø D_s: 6 mm

Technical description

Bore Ø tolerance	H7
Number of cutting edges Z	4

Series	GARANT Master Alu
Overhang L_1	39 mm
Flute length L_c	8 mm
Overall length L	75 mm
Nominal $\varnothing D_c$	4 mm
Feed f in cast alu	0.6 mm/rev.
Shank $\varnothing D_s$	6 mm
recommended drill $\varnothing$ in cast aluminium	3.9 mm
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 blind holes
Colour ring	yellow
Type of product	Reaming tool with non-detachable cutters