

Garant
GARANT Master Alu solid carbide high-performance reamers HPC through hole, DLC, Nominal Ø DC: 6H7 mm

Order data

Order number	164400 6H7
GTIN	4062406282066
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 sp^2 .

Application:

Special version for through holes.

Bore Ø tolerance: H7

Number of cutting edges Z: 6

Bore Ø tolerance: H7

Flute length L_c : 8 mm

Overhang L_1 : 39 mm

Overall length L: 75 mm

Number of cutting edges Z: 6

Shank Ø D_s : 6 mm

Technical description

Overall length L	75 mm
Shank Ø D_s	6 mm

Bore Ø tolerance	H7
recommended drill Ø in cast aluminium	5.9 mm
Series	GARANT Master Alu
Number of cutting edges Z	6
Overhang L ₁	39 mm
Nominal Ø D _c	6 mm
Flute length L _c	8 mm
Feed f in cast alu	1 mm/rev.
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