

Garant
GARANT Master Alu solid carbide high-performance reamers HPC blind hole, DLC, Nominal Ø DC: 12H7 mm

Order data

Order number	164405 12H7
GTIN	4062406282172
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: 6

Bore Ø tolerance: H7

Flute length L_c: 12 mm

Overhang L_i: 75 mm

Overall length L: 120 mm

Number of cutting edges Z: 6

Shank Ø D_s: 12 mm

Technical description

Feed f in cast alu	2.1 mm/rev.
Bore Ø tolerance	H7

Flute length L_c	12 mm
Nominal $\varnothing D_c$	12 mm
Overhang L_1	75 mm
recommended drill $\varnothing$ in cast aluminium	11.8 mm
Overall length L	120 mm
Shank $\varnothing D_s$	12 mm
Number of cutting edges Z	6
Series	GARANT Master Alu
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