

Garant
Carbide machine reamer H7, uncoated, Nominal Ø DC: 4 mm

Order data

Order number	164500 4
GTIN	4045197251985
Item class	110

Description
Version:

Long flutes, left-hand helix.

Extremely irregular spacing (EU) from size 2.

This ensures that the reamed bore is absolutely round and free from chatter marks.

Up to size 6 with centring point.

Application:

On stable, low vibration machines. Longer tool life and better dimensional accuracy than HSS reamers.

Tool material:

Sizes 1 – 13 **solid carbide**.

Sizes 14 – 16 with **carbide inserts**, supported by hard nitrided steel guidel chamfers.

Application for type of drilling: for through holes

Bore Ø tolerance: H7

Number of cutting edges Z: 6

Bore Ø tolerance: H7

Flute length L_c : 19 mm

Overhang L_1 : 43 mm

Overall length L: 75 mm

Number of cutting edges Z: 6

Shank Ø D_s : 4 mm

Technical description

Nominal Ø D_c	4 mm
Overhang L_1	43 mm
Feed f in steel < 1100 N/mm ²	0.12 mm/rev.

Shank tolerance	h9
Shank \varnothing D _s	4 mm
Overall length L	75 mm
Flute length L _c	19 mm
Number of cutting edges Z	6
recommended drill \varnothing in steel < 1100 N/mm ²	3.9 mm
Bore \varnothing tolerance	H7
Coating	uncoated
Tool material	Carbide K10
Standard	DIN 8093
Through-coolant	no
Shank	Parallel shank to h6
Application for type of drilling	for through holes
Colour ring	without
Type of product	Reaming tool with non-detachable cutters