

Garant
Carbide machine reamer H7, uncoated, Nominal \varnothing DC: 4,5 mm

Order data

Order number	164500 4,5
GTIN	4045197251992
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 \varnothing tolerance: H7

Number of cutting edges Z: 6

Bore \varnothing tolerance: H7

Flute length L_c : 21 mm

Overhang L_1 : 45 mm

Overall length L: 80 mm

Number of cutting edges Z: 6

Shank \varnothing D_s : 4.5 mm

Technical description

Nominal \varnothing D_c	4.5 mm
Feed f in steel < 1100 N/mm ²	0.12 mm/rev.
Overhang L_1	45 mm

Shank tolerance	h9
Shank \varnothing D _s	4.5 mm
Overall length L	80 mm
Flute length L _c	21 mm
Number of cutting edges Z	6
recommended drill \varnothing in steel < 1100 N/mm ²	4.4 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