

Garant
Carbide machine reamer H7, uncoated, Nominal Ø DC: 14 mm

Order data

Order number	164500 14
GTIN	4045197252128
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 : 47 mm

Overhang L_1 : 109 mm

Overall length L: 160 mm

Number of cutting edges Z: 6

Shank Ø D_s : 12.5 mm

Technical description

Overhang L_1	109 mm
Feed f in steel < 1100 N/mm ²	0.15 mm/rev.
Shank tolerance	h9

Nominal $\varnothing D_c$	14 mm
Shank $\varnothing D_s$	12.5 mm
Overall length L	160 mm
Flute length L_c	47 mm
Number of cutting edges Z	6
recommended drill \varnothing in steel < 1100 N/mm ²	13.8 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