

Garant
Carbide machine reamer H7, uncoated, Nominal Ø DC: 11 mm

Order data

Order number	164500 11
GTIN	4045197252098
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: 41 mm

Overhang L₁: 95 mm

Overall length L: 142 mm

Number of cutting edges Z: 6

Shank Ø D_s: 10 mm

Technical description

Nominal Ø D _c	11 mm
Overhang L ₁	95 mm
Shank tolerance	h9

Feed f in steel < 1100 N/mm ²	0.15 mm/rev.
Shank Ø D _s	10 mm
Overall length L	142 mm
Flute length L _c	41 mm
Number of cutting edges Z	6
recommended drill Ø in steel < 1100 N/mm ²	10.8 mm
Bore Ø 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