

Garant
Machine reamer H7, uncoated, Nominal Ø DC: 14 mm

Order data

Order number	163000 14
GTIN	4045197253217
Item class	110

Description
Version:

With long flutes and left-hand helix.
 From size 1.8 even number of teeth and uneven spacing.
 Up to size 3.7 both ends with external centres;
 from size 3.9 both ends with internal centres.

Reamers finish ground for fit H7.
Application:

For reaming through holes. Also suitable for blind holes (from 3.9 mm Ø) due to short chamfer lead.

Note:

- **Straight flute machine chucking reamers – available ex-stock.**
- **For reamers with other diameters and fits see No. 162951.**

Application for type of drilling: for through holes

Bore Ø tolerance: H7

Number of cutting edges Z: 8

Bore Ø tolerance: H7

Flute length L_c : 47 mm

Overhang L_1 : 114 mm

Overall length L: 160 mm

Number of cutting edges Z: 8

Shank Ø D_s : 12.5 mm

Technical description

Overhang L_1	114 mm
Shank tolerance	h9

Feed f in steel < 750 N/mm ²	0.3 mm/rev.
Nominal Ø D _c	14 mm
Shank Ø D _s	12.5 mm
Overall length L	160 mm
Flute length L _c	47 mm
Number of cutting edges Z	8
recommended drill Ø in steel < 750 N/mm ²	13.8 mm
Bore Ø tolerance	H7
Coating	uncoated
Tool material	HSS E
Standard	DIN 212 B
Through-coolant	no
Shank	Plain shank with h9
Application for type of drilling	for through holes
Colour ring	without
Type of product	Reaming tool with non-detachable cutters