

Garant
Face reamer H7, uncoated, Nominal \varnothing DC: 7mm

Order data

Order number	162826 7
GTIN	4067263112532
Item class	110

Description
Version:

Chucking reamer cutting on the end face to achieve the most **accurate size possible**. The **optimised end face cutting** enables a **precise alignment fit** of the hole that is produced. Straight flute machine chucking reamers with **long flutes** for optimum chip evacuation.

Application:

For production of sequential holes with alignments that exactly match. For the highest demands for straightness of holes. For reaming of through holes and right to the bottom of blind holes.

Note:

Note the new shank tolerance h6. No. 162830 Configurable reamers are available in the diameter range from 2.200 to 12.220 mm and for any choice of fit.

Technical description

Reaming oversize in diameter	0.1 - 0.2 mm
Tolerance	H7
Feed f in steel $< 900 \text{ N/mm}^2$	0.15 mm/rev.
Flute length L_c	22 mm
Shank $\varnothing D_s$	7 mm
Overall length L	109 mm
Overhang L_1	69 mm
Number of cutting edges Z	6
Plunge cutting	2.5 mm
Nominal $\varnothing D_c$	7 mm

Coating	uncoated
Tool material	HSS E
Standard	Manufacturer's standard
Through-coolant	no
Shank	Plain shank with h6
Application for type of drilling	for blind holes and through holes
Colour ring	green
Type of product	Reamer

User data

	Suitability	V _c	ISO code
Aluminium	suitable	20 m/min	N
Aluminium (short chipping)	suitable	20 m/min	N
Steel < 500 N/mm ²	suitable	15 m/min	P
Steel < 750 N/mm ²	suitable	12 m/min	P
Steel < 900 N/mm ²	suitable	12 m/min	P
Steel < 1100 N/mm ²	suitable	10 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	10 m/min	P
GG(G)	suitable	10 m/min	K
CuZn	suitable	20 m/min	N
Uni	suitable		
Oil	suitable		
wet maximum	suitable		
wet minimum	suitable		
dry	suitable only under restricted conditions		

