

Garant
Face reamer H7, uncoated, Nominal \varnothing DC: 6mm

Order data

Order number	162826 6
GTIN	4067263112525
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

Overhang L_1	59 mm
Reaming oversize in diameter	0.1 - 0.2 mm
Flute length L_c	20 mm
Overall length L	93 mm
Nominal $\varnothing D_c$	6 mm
Number of cutting edges Z	6
Tolerance	H7
Feed f in steel $< 900 \text{ N/mm}^2$	0.15 mm/rev.
Shank $\varnothing D_s$	6 mm
Plunge cutting	2 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		

