

Garant
Face reamer H7, uncoated, Nominal Ø DC: 6mm

Order data

Order number	162825 6
GTIN	4062406117238
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:

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

Shank Ø D _s	6 mm
Number of cutting edges Z	6
Tolerance	H7
Nominal Ø D _c	6 mm
Flute length L _c	20 mm
Overall length L	93 mm
Overhang L ₁	59 mm
Feed f in steel < 900 N/mm ²	0.15 mm/rev.
Plunge cutting	2 mm
Reaming oversize in diameter	0.1 - 0.2 mm

Coating	uncoated
Tool material	HSS E
Standard	Manufacturer's standard
Through-coolant	no
Shank	Parallel shank to e9
Application for type of drilling	for blind hole and through hole
Colour ring	green
Type of product	Phillips bit

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		

