

Garant
NC reamer long H7, uncoated, Nominal Ø DC: 5mm

Order data

Order number	162961 5
GTIN	4045197364043
Item class	110

Description
Version:

With long flutes and left-hand helix. **Reamers finish ground for fit H7.**

Application:

Especially for deeper holes. Also suitable for blind holes.

Technical description

Overhang L_1	89 mm
Feed f in steel $< 750 \text{ N/mm}^2$	0.1 mm/rev.
Shank tolerance	h6
Nominal Ø D_c	5 mm
Shank Ø D_s	5 mm
Overall length L	115 mm
Flute length L_c	23 mm
Number of cutting edges Z	6
Tolerance	H7
Reaming oversize in diameter	0.1 mm
Coating	uncoated
Tool material	HSS E
Standard	Manufacturer's standard
Through-coolant	no

Shank	DIN 1835 A to h6
Application for type of drilling	for blind holes and through holes
Colour ring	without
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	10 m/min	P
Steel < 900 N/mm ²	suitable	7 m/min	P
Steel < 1100 N/mm ²	suitable	5 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	4 m/min	P
INOX < 900 N/mm ²	suitable	5 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	5 m/min	M
Ti > 850 N/mm ²	suitable only under restricted conditions	5 m/min	S
GG(G)	suitable only under restricted conditions	5 m/min	K
CuZn	suitable only under restricted conditions	13 m/min	N
Uni	suitable		
Oil	suitable		
wet maximum	suitable		