

Garant**NC reamer extra long H7, uncoated, Nominal Ø DC: 12mm****Order data**

Order number	162971 12
GTIN	4062406264574
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

Nominal Ø D _c	12 mm
Flute length L _c	44 mm
Overhang L ₁	249 mm
Shank Ø D _s	12 mm
Feed f in steel < 750 N/mm ²	0.15 mm/rev.
Overall length L	300 mm
Shank tolerance	h6
Tolerance	H7
Number of cutting edges Z	6
Reaming oversize in diameter	0.1 - 0.2 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		