

**Garant**
**NC reamer long H7, uncoated, Nominal Ø DC: 4mm**

**Order data**

Order number	162961 4
GTIN	4045197364036
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**

Shank tolerance	h6
Overhang $L_1$	79 mm
Nominal $\varnothing D_c$	4 mm
Feed $f$ in steel $< 750 \text{ N/mm}^2$	0.1 mm/rev.
Shank $\varnothing D_s$	4 mm
Overall length $L$	105 mm
Flute length $L_c$	19 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 <sup>2</sup>	suitable	15 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	10 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	7 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	5 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable only under restricted conditions	4 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	5 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable only under restricted conditions	5 m/min	M
Ti > 850 N/mm <sup>2</sup>	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		