

**Garant**
**NC reamer Configurable, uncoated, Nominal Ø DC: 6,5mm**

**Order data**

Order number	162951 6,5
GTIN	4045197366115
Item class	110

**Description**
**Version:**
**Reamers finish ground to match your specification.**
**Note:**

For **fit H7** see No. 162900 and 163000.

For reamers in 1/100 - sizes see No. 162902.

**Technical description**

Shank tolerance	h6
Overhang $L_1$	64 mm
Nominal $\varnothing D_c$	6.5 mm
Feed $f$ in steel $< 750 \text{ N/mm}^2$	0.2 mm/rev.
Shank $\varnothing D_s$	6 mm
Overall length $L$	101 mm
Flute length $L_c$	28 mm
$\varnothing$ range	6.01 - 6.7 mm
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 through holes
Colour ring	without
Type of product	Phillips bit

### User data

	Suitability	V <sub>c</sub>	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		

