

Garant
NC reamer Configurable, uncoated, Nominal \varnothing DC: 12mm

Order data

Order number	162951 12
GTIN	4045197366221
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

Feed f in steel $< 750 \text{ N/mm}^2$	0.25 mm/rev.
Shank tolerance	h6
Overhang L_1	110 mm
Nominal $\varnothing D_c$	12 mm
Shank $\varnothing D_s$	10 mm
Overall length L	151 mm
Flute length L_c	44 mm
\varnothing range	11.81 - 12.05 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 _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		

