Garant

NC reamer H7, uncoated, Nominal ⌀ DC mm or inch: 2,3

Order data

Order number	162900 2,3
GTIN	4045197089687
Item class	11O

Description

Version:
Version suitable for NC similar to DIN 212 **with straight shank ⌀** for **standard chucking** especially in **hydraulic chucks** or **high precision collet chucks.** For **highest concentricity** and **process reliability. No need to order special collets.**
With long flutes and left-hand helix.
≤ ⌀ size 1.7 with 3 teeth; ≥ ⌀ size 1.8 even number of teeth and irregular spacing. ≤ ⌀ size 3.7 both ends with centre points; ≥ ⌀ size 3.8 both ends with centre holes.
Reamer manufacturing tolerance to DIN 1420 for H7 hole tolerance.
Note:
For reamers in **1/100 sizes** see **No. 162902.**
For reamers with **diameters and fits to specification** see **No. 162951**
Application for type of drilling: for through holes
Tolerance: H7
Number of cutting edges Z: 4
Tolerance: H7
Flute length L_c: 12 mm
Overhang L_1: 25 mm
Overall length L: 53 mm
Number of cutting edges Z: 4
Shank ⌀ D_s: 3 mm

Technical description

Shank tolerance	h6
Overhang L_1	25 mm
Feed f in steel < 750 N/mm^2	0.15 mm/rev.

Nominal Ø D_C	2.3 mm
Shank Ø D_s	3 mm
Overall length L	53 mm
Flute length L_c	12 mm
Number of cutting edges Z	4
Tolerance	H7
Reaming oversize in diameter	0.05 - 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 through holes
Colour ring	green
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/mm²	suitable	15 m/min	P
Steel < 750 N/mm²	suitable	10 m/min	P
Steel < 900 N/mm²	suitable	7 m/min	P
Steel < 1100 N/mm²	suitable	5 m/min	P
Steel < 1400 N/mm²	suitable only under restricted conditions	4 m/min	P
INOX < 900 N/mm²	suitable	5 m/min	M
INOX > 900 N/mm²	suitable only under restricted conditions	5 m/min	M

Ti > 850 N/mm²	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		