Garant

NC reamer Configurable, uncoated, Nominal ∅ DC: 19,5mm

Order data

Order number	162951 19,5
GTIN	4045197366375
Item class	11O

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 N/mm^2	0.3 mm/rev.
Overhang L_1	146 mm
Shank tolerance	h6
Nominal ∅ D_C	19.5 mm
Shank ∅ D_s	16 mm
Overall length L	195 mm
Flute length L_c	60 mm
∅ range	19.01 - 19.5 mm
Number of cutting edges Z	8
Reaming oversize in diameter	0.2 - 0.3 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/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		