

Solid carbide NC machine reamer Configurable, uncoated, Nominal Ø DC: 13mm



Order data

Order number	164345 13	
GTIN	4045197444844	
Item class	10N	

Description

Version:

Version suitable for NC DIN 8093-2 with straight shank \emptyset for standard chucking especially in hydraulic chucks or high precision collet chucks. This ensures very high concentricity and process reliability,

The use of GARANT-NC reamers eliminates the need to procure special collets. With long flutes and left-hand helix.

Reamers finish ground to match your specification.

Application:

For reaming through holes, as the chips are evacuated in the cutting direction. Lead taper is suitable also for blind holes.

Note:

For H7 fit see No. 164340 and 164341.

Technical description

Overhang L ₁	104 mm	
Shank tolerance	h6	
Feed f in steel < 1100 N/mm ²	0.18 mm/rev.	
Nominal Ø D _c	13 mm	
Shank Ø D _s	12 mm	
Overall length L	151 mm	
Flute length L _c	44 mm	
Ø range	12.21 - 13.2 mm	

Number of cutting edges Z	8	
Reaming oversize in diameter	0.2 - 0.3 mm	
Coating	uncoated	
Tool material	Solid carbide	
Standard	DIN 8093	
Through-coolant	no	
Shank	DIN 6535 HA with h6	
Application for type of drilling	for through holes	
Colour ring	green	
Type of product	Phillips bit	

User data

	Suitability	\mathbf{V}_{c}	ISO code
Aluminium	suitable	35 m/min	N
Aluminium (short chipping)	suitable	30 m/min	N
Steel < 500 N/mm²	suitable	20 m/min	Р
Steel < 750 N/mm²	suitable	13 m/min	Р
Steel < 900 N/mm ²	suitable	10 m/min	Р
Steel < 1100 N/mm ²	suitable	8 m/min	Р
Steel < 1400 N/mm ²	suitable	6 m/min	Р
INOX < 900 N/mm ²	suitable only under restricted conditions	10 m/min	М
INOX > 900 N/mm ²	suitable only under restricted conditions	8 m/min	M
Ti > 850 N/mm ²	suitable	8 m/min	S
GG(G)	suitable	8 m/min	K
CuZn	suitable	20 m/min	N
Uni	suitable		
wet maximum	suitable		

