HOLEX

Machine reamer configurable, uncoated, Nominal ∅ DC: 10,5mm

Order data

Order number	164180 10,5
GTIN	4045197092281
Item class	12O

Description

Version:
Reamers finish ground to match your specification.
Even number of teeth with irregular spacing. The hole is accurately round and free of chatter marks. The cylindrical ground land on the plain cutting section smooths the hole and guides the reamer. With Morse taper shank.
Application:
For reaming through holes, as the chips are evacuated in the cutting direction. Also suitable for blind holes due to the short chamfer lead.
Note:
For suitable reducing adapters for tools with MT shanks see **No. 343000-343530**.
For **H7 fits** see No. 164000.

Technical description

Overhang L_1	108 mm
Feed f in steel < 750 N/mm^2	0.15 mm/rev.
Nominal ∅ D_C	10.5 mm
Morse taper MT size	1
Overall length L	175 mm
Flute length L_c	41 mm
∅ range	10.06 - 10.6 mm
Number of cutting edges Z	6
Reaming oversize in diameter	0.1 - 0.2 mm

Coating	uncoated
Tool material	HSS E
Standard	DIN 208 B
Helix angle	7-8 degrees
Through-coolant	no
Shank	Morse taper
Application for type of drilling	for through hole
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
Cu	suitable only under restricted conditions	13 m/min	N
Oil	suitable		

wet maximum	suitable