HOLEX

Solid carbide high performance drill plain shank DIN 6535 HB, TiN, ⌀ DC h7: 19mm

Order data

Order number	122345 19
GTIN	4045197388612
Item class	12E

Description

Version:
Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry. Straight major cutting edges** with slightly honed edges and special flute profile produce **short chips.**
Note:
Flute length $L_C = L_2 + 1.5 \times D_C$.

Technical description

Flute length L_c	79 mm
Number of cutting edges Z	2
Shank tolerance	h6
Nominal ⌀ D_C	19 mm
Feed f in steel < 900 N/mm^2	0.3 mm/rev.
Tolerance nominal ⌀	h7
Shank ⌀ D_s	20 mm
Overall length L	131 mm
Standard	DIN 6537 K
recommended maximum drilling depth L_2	50.5 mm
Coating	TiN

Tool material	Solid carbide
Version	4×D
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	240 m/min	N
Steel < 500 N/mm²	suitable	110 m/min	P
Steel < 750 N/mm²	suitable	90 m/min	P
Steel < 900 N/mm²	suitable	80 m/min	P
Steel < 1100 N/mm²	suitable only under restricted conditions	65 m/min	P
Steel < 1400 N/mm²	suitable only under restricted conditions	35 m/min	P
INOX < 900 N/mm²	suitable	35 m/min	M
INOX > 900 N/mm²	suitable	30 m/min	M
Ti > 850 N/mm²	suitable	30 m/min	S
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		
Air	suitable only under restricted conditions		