HOLEX

Solid carbide drill plain shank DIN 6535 HE, TiAlN, ∅ DC m7 (mm or inch): 14,5

Order data

Order number	122773 14,5
GTIN	4062406151317
Item class	12F

Description

Version:
Tool specially matched to drilling holes without through-coolant. **Concave major cutting edges** and a **special flute profile** ensure a good chip evacuation. The sturdy cutter geometry with **special point geometry** and 4 cutting edges ensures drilling with good process reliability. A wide range of applications in steel materials thanks to a combination of tough ultra-fine grain carbide and extremely **wear-resistant** and **heat-resistant coating.**
Note:
Flute length $L_C = L_2 + 1.5 \times D_C$.
Through-coolant: no
Standard: DIN 6537
Tolerance nominal ∅: m7
Number of cutting edges Z: 2
recommended maximum drilling depth L_2: 61.25 mm
Tolerance nominal ∅: m7
Overall length L: 133 mm
Shank ∅ D_s: 16 mm
Feed f in steel < 900 N/mm^2: 0.26 mm/rev.

Technical description

Tolerance nominal ∅	m7
Number of cutting edges Z	2
recommended maximum drilling depth L_2	61.25 mm
Standard	DIN 6537
Overall length L	133 mm

Flute length L_c	83 mm
Shank ⌀ D_s	16 mm
Nominal ⌀ D_C	14.5 mm
Feed f in steel < 900 N/mm²	0.26 mm/rev.
Coating	TiAlN
Tool material	Solid carbide
Version	6×D
Point angle	140 °
Shank	DIN 6535 HE to h6
Through-coolant	no
Colour ring	green
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	200 m/min	N
Alu > 10% Si	suitable only under restricted conditions	160 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	70 m/min	P
Steel < 1400 N/mm²	suitable only under restricted conditions	60 m/min	P
GG	suitable	90 m/min	K
GGG	suitable only under restricted conditions	60 m/min	K
Uni	suitable		
wet maximum	suitable		

dry	suitable only under restricted conditions