



Solid carbide high performance drill Whistle-Notch shank DIN 6535 HE, TiN, Ø DC h7: 18mm



Order data

Order number	123108 18
GTIN	4045197451033
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 $L_c = L_2 + 1.5 \times D_c$.

NEW GENERATION AVAILABLE!

Recommended successor product is No. 123109.

Technical description

Flute length L_c	171 mm
Number of cutting edges Z	2
Nominal $\varnothing D_c$	18 mm
Feed f in steel $< 1100 \text{ N/mm}^2$	0.3 mm/rev.
Shank tolerance	h6
Tolerance nominal \varnothing	h7
Shank $\varnothing D_s$	18 mm
Overall length L	222 mm
Standard	Manufacturer's standard
recommended maximum drilling depth L_2	144 mm

Coating	TiN
Tool material	Solid carbide
Version	8xD
Point angle	135 degrees
Shank	DIN 6535 HE to h6
Through-coolant	yes, with 25 bar
Colour ring	green
Type of product	Jobber drill

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	175 m/min	N
Alu > 10% Si	suitable only under restricted conditions	135 m/min	N
Steel < 500 N/mm ²	suitable only under restricted conditions	105 m/min	P
Steel < 750 N/mm ²	suitable	85 m/min	P
Steel < 900 N/mm ²	suitable	75 m/min	P
Steel < 1100 N/mm ²	suitable	45 m/min	P
Steel < 1400 N/mm ²	suitable	30 m/min	P
INOX < 900 N/mm ²	suitable only under restricted conditions	35 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	30 m/min	M
GG(G)	suitable	65 m/min	K
Uni	suitable		
wet maximum	suitable		