



Solid carbide high performance drill, plain shank DIN 6535 HA, TiN, Ø DC h7 (mm or inch): 13,5



Order data

Order number	122310 13,5
GTIN	4045197044167
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. 122501.

Versions HB and HE supplied at the same price as HA.

Form HB: order with **No. 122315**.

Form HE: order with **No. 122320**.

Technical description

Shank tolerance	h6
Number of cutting edges Z	2
Flute length L_c	60 mm
Feed f in steel < 900 N/mm ²	0.26 mm/rev.
Nominal Ø D_c	13.5 mm
Tolerance nominal Ø	h7
Shank Ø D_s	14 mm
Overall length L	107 mm

Standard	DIN 6537 K
recommended maximum drilling depth L ₂	39.8 mm
Coating	TiN
Tool material	Solid carbide
Version	4×D
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	no
Semi-Standard	yes
Colour ring	without
Type of product	Jobber drill

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	140 m/min	N
Alu > 10% Si	suitable only under restricted conditions	120 m/min	N
Steel < 500 N/mm ²	suitable	80 m/min	P
Steel < 750 N/mm ²	suitable	75 m/min	P
Steel < 900 N/mm ²	suitable	65 m/min	P
Steel < 1100 N/mm ²	suitable only under restricted conditions	60 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	35 m/min	P
GG(G)	suitable only under restricted conditions	70 m/min	K
wet maximum	suitable		
dry	suitable		

