



Solid carbide high performance drill, plain shank DIN 6535 HA, TiN, Ø DC h7 (mm or inch): 3,0-X



Order data

Order number	122310 3,0-X
GTIN	4062406075934
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**. Delivery time: 12 working weeks

Minimum order quantity: 3 pcs

Items made to order for a specific customer:

Cancellation only up to a maximum of 3 working days after receipt of order acknowledgement.

Items cannot be returned. We reserve the right to over-deliver or under-deliver by $\pm 10\%$ (minimum 1 piece).

Technical description

Feed f in steel < 900 N/mm ²	0.11 mm/rev.
Number of cutting edges Z	2
Overall length L	62 mm
Standard	DIN 6537 K
Flute length L_c	20 mm

Tolerance nominal \varnothing	h7
Shank $\varnothing D_s$	6 mm
\varnothing range	3 - 3.75 mm
Coating	TiN
Tool material	Solid carbide
Version	4xD
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		

