



Solid carbide high performance drill, plain shank DIN 6535 HA, TiN, Ø DC h7 (mm or inch): 4,76-X



Order data

Order number	122340 4,76-X
GTIN	4062406076160
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. 122504.

Versions with HB and HE shank available at the same price as HA.

HB shank: use order **No. 122345**.

HE shank: use order **No. 122355**. 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 $< 900 \text{ N/mm}^2$	0.14 mm/rev.
Overall length L	66 mm
Shank $\varnothing D_s$	6 mm
Tolerance nominal \varnothing	h7
Standard	DIN 6537 K

Number of cutting edges Z	2
Flute length L _c	28 mm
Ø range	4.76 - 6.05 mm
Coating	TiN
Tool material	Solid carbide
Version	4xD
Point angle	140 degrees
Shank	DIN 6535 HA 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/mm ²	suitable	110 m/min	P
Steel < 750 N/mm ²	suitable	90 m/min	P
Steel < 900 N/mm ²	suitable	80 m/min	P
Steel < 1100 N/mm ²	suitable only under restricted conditions	65 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	35 m/min	P
INOX < 900 N/mm ²	suitable	35 m/min	M
INOX > 900 N/mm ²	suitable	30 m/min	M
Ti > 850 N/mm ²	suitable	30 m/min	S
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		

Air

suitable only under
restricted conditions