



Solid carbide high performance drill plain shank DIN 6535 HA, TiN, Ø DC h7 (mm or inch): 1,91-X



Order data

Order number	122630 1,91-X
GTIN	4062406078324
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 $L_c = L_2 + 1.5 \times D_c$.

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

Form **HB**: order with **No. 122635**.

Form **HE**: order with **No. 122640**.

NEW GENERATION AVAILABLE!

Recommended successor product is No. 122776. 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

Standard	DIN 6537
Number of cutting edges Z	2
Tolerance nominal Ø	h7
Feed f in steel < 900 N/mm ²	0.06 mm/rev.

Overall length L	57 mm
Flute length L _c	21 mm
Shank Ø D _s	4 mm
Ø range	1.91 - 2.99 mm
Coating	TiN
Tool material	Solid carbide
Version	6×D
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	30 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