iö Hoffmann Group

Garant

Solid carbide NC high performance drill FS, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 4,76-Xmm

Order data

Order number	122540 4,76-X
GTIN	4062406077730
Item class	11E

Description

Version:
Particularly strong due to strengthened core and **special profile.** Special point geometry. **High concentricity** and **long tool life. High bore quality.**
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. 122545**.
Form **HE:** order with **No. 122540 + 129100HE**. 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 ±10% (minimum 1 piece).

Technical description

Tolerance nominal Ø	h7
Overall length L	82 mm
Feed f in steel < 750 N/mm^2	0.14 mm/rev.
Standard	DIN 6537
Flute length L_c	44 mm
Number of cutting edges Z	2
Shank Ø D_s	6 mm

Ø range	4.76 - 6.05 mm
Coating	TiAlN
Tool material	Solid carbide
Version	6×D
Type	FS
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	no
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	190 m/min	N
Aluminium (short chipping)	suitable	170 m/min	N
Alu > 10% Si	suitable	140 m/min	N
Steel < 500 N/mm²	suitable	90 m/min	P
Steel < 750 N/mm²	suitable	85 m/min	P
Steel < 900 N/mm²	suitable	75 m/min	P
Steel < 1100 N/mm²	suitable	65 m/min	P
Steel < 1400 N/mm²	suitable	40 m/min	P
INOX < 900 N/mm²	suitable only under restricted conditions	40 m/min	M
INOX > 900 N/mm²	suitable only under restricted conditions	30 m/min	M
Ti > 850 N/mm²	suitable only under restricted conditions	25 m/min	S

GG(G)	suitable only under restricted conditions	70 m/min	K
CuZn	suitable only under restricted conditions	160 m/min	N
Uni	suitable		
wet maximum	suitable		
dry	suitable		