Garant

Solid carbide HPC drill plain shank DIN 6535 HA, TiAlN, ∅ DC h7: 3,76-Xmm

Order data

Order number	122500 3,76-X
GTIN	
Item class	11E

Description

Version:
Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry. Convex cutting edges** with honed edges and special flute profile for **short chips**, even on long chipping materials.
Note:
Flute length $L_C = L_2 + 1.5 \times D_C$.
NEW GENERATION AVAILABLE!
Recommended successor products are No.122475 and 122476.
Form HB and HE supplied at the same price as HA.
Form **HB**: order with **No. 122445/122505**.
Form **HE**: order with **No. 122440/122500** and **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

Number of cutting edges Z	2
Feed f in steel < 1100 N/mm^2	0.11 mm/rev.
Overall length L	66 mm
Tolerance nominal ∅	h7
Flute length L_c	24 mm

Shank ∅ D_s	6 mm
Standard	DIN 6537 K
∅ range	3.76 - 4.75 mm
Coating	TiAlN
Tool material	Solid carbide
Version	4×D
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm²	suitable only under restricted conditions	120 m/min	P
Steel < 750 N/mm²	suitable	100 m/min	P
Steel < 900 N/mm²	suitable	85 m/min	P
Steel < 1100 N/mm²	suitable	65 m/min	P
Steel < 1400 N/mm²	suitable	35 m/min	P
INOX < 900 N/mm²	suitable only under restricted conditions	30 m/min	M
Ti > 850 N/mm²	suitable only under restricted conditions	35 m/min	S
GG(G)	suitable	70 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		

Air	suitable