Garant

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

Order data

Order number	122670 3,76-X
GTIN	4062406078973
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. 122675**.
Form **HE:** order with **No. 122670 + 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
Overall length L	74 mm
Standard	DIN 6537
Tolerance nominal ∅	h7
Shank ∅ D_s	6 mm
Feed f in titanium > 850 N/mm^2	0.04 mm/rev.

Flute length L_c	36 mm
∅ range	3.76 - 4.75 mm
Coating	TiAlN
Tool material	Solid carbide
Version	6×D
Type	FS
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	pink
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	260 m/min	N
Aluminium (short chipping)	suitable	240 m/min	N
Alu > 10% Si	suitable	160 m/min	N
Steel < 500 N/mm²	suitable	110 m/min	P
Steel < 750 N/mm²	suitable	90 m/min	P
Steel < 900 N/mm²	suitable	85 m/min	P
Steel < 1100 N/mm²	suitable	60 m/min	P
Steel < 1400 N/mm²	suitable only under restricted conditions	30 m/min	P
INOX < 900 N/mm²	suitable	40 m/min	M
INOX > 900 N/mm²	suitable	35 m/min	M
Ti > 850 N/mm²	suitable	35 m/min	S

wet maximum	suitable
wet minimum	suitable
Air	suitable