Garant

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

Order data

Order number	122602 3,76-X
GTIN	4062406077921
Item class	11E

Description

Version:
DLC coating sp^2 of the latest generation with **low coefficient of friction** results in **outstanding chip clearance.** For **high-performance milling** of **aluminium materials**. **High alignment accuracy** and **roundness of the hole,** thanks to **6 guide chamfers**.
Size 1 - 1.5 with 4 guide chamfers.
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. 122603**.
Form **HE:** order with **No. 122602 + 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 ⌀	h7
Number of cutting edges Z	2
Standard	DIN 6537
Feed f in aluminium short-chipping	0.35 mm/rev.
Shank ⌀ D_s	6 mm
Overall length L	74 mm

Flute length L_c	36 mm
∅ range	3.76 - 4.75 mm
Coating	DLC
Tool material	solid carbide
Version	6×D
Type	W
Point angle	135 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	yellow
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	360 m/min	N
Aluminium (short chipping)	suitable	400 m/min	N
Alu > 10% Si	suitable	350 m/min	N
PMMA acrylic	suitable	150 m/min	N
PEEK	suitable	120 m/min	N
PVDF GF20	suitable	90 m/min	N
PA 66 GF30	suitable	80 m/min	N
PEEK GF30	suitable	70 m/min	N
PTFE CF25	suitable	80 m/min	N
Cu	suitable	160 m/min	N
CuZn	suitable	200 m/min	N
GRP	suitable	80 m/min	N

CRP	suitable	80 m/min	N
wet maximum	suitable		
wet minimum	suitable		