

**Garant**
**Solid carbide HPC drill, plain shank DIN 6535 HA, DLC, Ø DC h7: 12,06-Xmm**

**Order data**

Order number	122808 12,06-X
GTIN	4062406079727
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 roundness** and **alignment accuracy of the deep hole**, thanks to **6 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. 122809**.

Form **HE**: order with **No. 122808 + 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  $\pm 10\%$  (minimum 1 piece).

**Technical description**

Flute length $L_c$	131 mm
Tolerance nominal $\varnothing$	h7
Number of cutting edges Z	2
Feed f in aluminium short-chipping	0.55 mm/rev.
Shank $\varnothing D_s$	14 mm
Overall length L	178 mm
Standard	Manufacturer's standard

Ø range	12.06 - 14.05 mm
Coating	DLC
Tool material	solid carbide
Version	8xD
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 <sub>c</sub>	ISO code
Alu plastics	suitable	325 m/min	N
Aluminium (short chipping)	suitable	360 m/min	N
Alu > 10% Si	suitable	315 m/min	N
PMMA acrylic	suitable	135 m/min	N
PEEK	suitable	110 m/min	N
PVDF GF20	suitable	80 m/min	N
PA 66 GF30	suitable	70 m/min	N
PEEK GF30	suitable	60 m/min	N
PTFE CF25	suitable	70 m/min	N
Cu	suitable	140 m/min	N
CuZn	suitable	160 m/min	N
GRP	suitable	70 m/min	N
CRP	suitable	70 m/min	N

wet maximum	suitable
wet minimum	suitable