

## Garant

**GARANT Master Alu FEED solid carbide drill, Weldon shank DIN 6535 HB, uncoated, Ø DC h7: 14,01-Xmm**



### Order data

Order number	122591 14,01-X
GTIN	4062406754198
Item class	11E

### Description

#### Version:

**3-cutter tool**, specially developed for use at **very high feed rates** in aluminium. Outstandingly suitable for machines with **high power consumption** and stable machining conditions.

- **Specially developed cutter geometry, designed for very high feed rates, reduced cutting pressure and controlled chip breaking.**
- **Precision flute profile for reliable evacuation of chips.**
- **Achieve outstanding feed rates and tool life thanks to the third cutting edge.**

The sector-leading technology of the drill point for the tool guarantees optimum self-centring behaviour and permits spot drilling on irregular surfaces. 3 guidance lands guarantee a stable exit from the hole and an exact roundness of the hole.

#### Note:

Flute length  $L_c = L_2 + 1.5 \times D_c$ . 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).

Delivery time: 10 weeks.

Minimum order quantity: 5 pieces.

### Technical description

Number of cutting edges Z	3
Flute length $L_c$	83 mm
Feed f in aluminium short-chipping	1.29 mm/rev.
Overall length L	133 mm

Standard	DIN 6537
Ø range	14.01 - 16 mm
Shank Ø D <sub>s</sub>	16 mm
Tolerance nominal Ø	h7
Series	Master Alu
Coating	uncoated
Tool material	solid carbide
Version	6×D
Type	W
Point angle	130 degrees
Shank	DIN 6535 HB 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	300 m/min	N
Aluminium (short chipping)	suitable	250 m/min	N
Alu > 10% Si	suitable	200 m/min	N
CuZn	suitable	200 m/min	N
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		