

**Garant**
**GARANT Master Alu solid carbide milling cutter DIN 6535 HA, DLC, Ø DC: 1 mm**

**Order data**

Order number	201260 1
GTIN	4062406281137
Item class	11X

**Description**
**Version:**

Stronger cutting edges.

Dimensions similar to DIN 6527.

With the latest generation of **DLC coating sp<sup>2</sup>**.

**Advantage:**

Very smooth cutting action for **outstanding surface quality**.

**Note:**

Also suitable for plastics.

Through-coolant: no

Tolerance nominal Ø: e6

No. of teeth Z: 2

Helix angle: 38 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 2

Flute length L<sub>c</sub>: 5 mm

Overhang length L<sub>1</sub> incl. recess: 10 mm

Recess Ø D<sub>1</sub>: 0.9 mm

Overall length L: 57 mm

Shank Ø D<sub>s</sub>: 6 mm

**Technical description**

Feed f <sub>z</sub> for slot milling in short-chipping aluminium	0.03 mm
--	---------

Balance quality with shank	G 2.5 with HA
Helix angle	38 degrees
Overhang length $L_1$ incl. recess	10 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.04 mm
Shank	DIN 6535 HA to h6
No. of teeth Z	2
Flute length $L_c$	5 mm
Recess $\varnothing D_1$	0.9 mm
Overall length L	57 mm
Cutting edge $\varnothing D_c$	1 mm
Direction of infeed	horizontal, oblique and vertical
Shank $\varnothing D_s$	6 mm
Corner chamfer angle	90 degrees
Tolerance nominal $\varnothing$	e6
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	DIN 6527
Type	W
Cutting width $a_e$ for milling operation	0.5×D for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Colour ring	yellow
Type of product	End mill