

## Garant

### GARANT Master Alu solid carbide milling cutter DIN 6535 HA, DLC, Ø DC: 20 mm



#### Order data

|              |               |
|--------------|---------------|
| Order number | 201260 20     |
| GTIN         | 4062406282035 |
| 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>: 38 mm

Overhang length L<sub>1</sub> incl. recess: 52 mm

Recess Ø D<sub>1</sub>: 19.5 mm

Overall length L: 104 mm

Shank Ø D<sub>s</sub>: 20 mm

#### Technical description

|                            |               |
|----------------------------|---------------|
| Balance quality with shank | G 2.5 with HA |
|----------------------------|---------------|

|   |                                  |
|---|----------------------------------|
| Recess $\varnothing D_1$                                | 19.5 mm                          |
| Helix angle   | 38 degrees                       |
| Tolerance nominal $\varnothing$                         | e6                               |
| Cutting edge $\varnothing D_c$                          | 20 mm                            |
| Shank   | DIN 6535 HA to h6                |
| Direction of infeed                                     | horizontal, oblique and vertical |
| Feed $f_z$ for side milling in short-chipping aluminium | 0.22 mm                          |
| Overhang length $L_1$ incl. recess                      | 52 mm                            |
| Overall length L  | 104 mm                           |
| Feed $f_z$ for slot milling in short-chipping aluminium | 0.18 mm                          |
| Flute length $L_c$                                      | 38 mm                            |
| No. of teeth Z  | 2                                |
| Corner chamfer angle                                    | 90 degrees                       |
| Shank $\varnothing D_s$                                 | 20 mm                            |
| Series  | GARANT Master Alu                |
| Coating   | DLC                              |
| Tool material   | Solid carbide                    |
| Standard  | DIN 6527                         |
| Type  | W                                |
| Cutting width $a_e$ for milling operation               | 0.5xD for side milling           |
| Cutting width $a_e$ for milling operation               | Full slot cutting depth 1xD      |
| Through-coolant   | no                               |
| Colour ring   | yellow                           |
| Type of product   | End mill                         |