

Garant
Solid carbide micro slot drill, Diamond, Ø Dc×L1: 1,2X6 mm

Order data

| | |
|--------------|---------------|
| Order number | 209700 1,2X6 |
| GTIN | 4062406187187 |
| Item class | 11Y |

Description
Version:

With **crystalline diamond sp³ coating**. For the **highest demands regarding performance and precision** in fibre-reinforced composites, CRP, GRP, and graphite. **Extremely tight tolerances** ensure maximum accuracy. Double relief ground with 2 hollow-ground chamfers. **Recess angle $\alpha = 16^\circ$** .

Tolerances:

- **Neck Ø: $D_1 = 0 / -0.01$ mm.**

Note:

At greater tool overhang lengths, use a reduced value for a_p !

Values for:

slots milled from solid: $a_p = 0.1 \times D \times a_{p\text{ korr}}$

side milling: $a_p = 0.2 \times D \times a_{p\text{ korr}}$

To calculate the feed rate vf please use the actual speed of the machine (the maximum possible speed)!

e.g: $vf = 18000$ [rpm] \times fz [mm/Z] \times z

Through-coolant: no

No. of teeth Z: 2

Helix angle: 30 degrees

Shank: DIN 6535 HA to h5

No. of teeth Z: 2

Shank Ø D_s : 4 mm

Technical description

| | |
|---------------|-------------------|
| Shank | DIN 6535 HA to h5 |
| Shank Ø D_s | 4 mm |

| | |
|---|-----------------------------|
| No. of teeth Z | 2 |
| Helix angle | 30 degrees |
| Corner chamfer angle | 90 degrees |
| Coating | Diamond |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| 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 | black |
| Type of product | End mill |