

**Garant**
**VCGT 110301 FN, PCD, Cutting edge version: N**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 265872 N      |
| GTIN         | 4045197644275 |
| Item class   | 21L           |

**Description**
**Version:**

**PCD** – Polycrystalline diamond, fine grain. Neutral, without chip breaker.

**Application:**

For aluminium, aluminium alloys, non-ferrous metals, plastics, composite materials, titanium alloys, sintered metals.

Rake: 6 degrees

Grade: PCD

Cutting edge version: N

Cutting depth  $a_p$ : 0.1 - 2.5 mm

Feed  $f$ : 0.03 - 0.4 mm/rev.

Cutting speed  $v_c$  for alu < 10 % Si: 300 - 2000 m/min

Cutting speed  $v_c$  for non-ferrous metals: 300 - 1500 m/min

**Technical description**

|                                |                 |
|--------------------------------|-----------------|
| Corner radius                  | 0.1 mm          |
| Cutting depth $a_p$            | 0.1 - 2.5 mm    |
| Cutting speed $v_c$ for G(C)RP | 150 - 600 m/min |

|  |                              |
|--|------------------------------|
| Cutting speed $v_c$ for alu < 10 % Si      | 300 - 2000 m/min             |
| Feed $f$                                   | 0.03 - 0.4 mm/rev.           |
| Cutting edge version                       | N                            |
| Cutting speed $v_c$ for non-ferrous metals | 300 - 1500 m/min             |
| Cutting conditions                         | continuous                   |
| Grade                                      | PCD                          |
| Finishing/roughing assignment              | Semi-roughing                |
| Tool material                              | PCD                          |
| ISO code indexable insert                  | VCGT 110301 FN               |
| Number of changes/inserts                  | 1                            |
| Product name attribute                     | PCD                          |
| Rake                                       | 6 degrees                    |
| Type of product                            | Indexable insert for turning |