

Garant
VCGT 160402 FN, PCD, Cutting edge version: N

Order data

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| Order number | 265892 N |
| GTIN | 4045197644701 |
| 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

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| Cutting speed v_c for non-ferrous metals | 300 - 1500 m/min |
| Cutting conditions | continuous |
| Cutting speed v_c for alu < 10 % Si | 300 - 2000 m/min |

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|--------------------------------|------------------------------|
| Cutting edge version | N |
| Cutting depth a_p | 0.1 - 2.5 mm |
| Feed f | 0.03 - 0.4 mm/rev. |
| Corner radius | 0.2 mm |
| Cutting speed v_c for G(C)RP | 150 - 600 m/min |
| Grade | PCD |
| Finishing/roughing assignment | Semi-roughing |
| Tool material | PCD |
| ISO code indexable insert | VCGT 160402 FN |
| Number of changes/inserts | 1 |
| Product name attribute | PCD |
| Rake | 6 degrees |
| Type of product | Indexable insert for turning |