

**Garant**
**DCGW 070202 FN, PCD, Cutting edge version: N**

**Order data**

Order number	265830 N
GTIN	4045197502391
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: 0 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**

Cutting conditions	continuous
Cutting speed $v_c$ for G(C)RP	150 - 600 m/min
Cutting speed $v_c$ for alu < 10 % Si	300 - 2000 m/min

Cutting speed $v_c$ for non-ferrous metals	300 - 1500 m/min
Feed $f$	0.03 - 0.4 mm/rev.
Cutting depth $a_p$	0.1 - 2.5 mm
Corner radius	0.2 mm
Cutting edge version	N
Grade	PCD
Finishing/roughing assignment	Semi-roughing
Tool material	PCD
ISO code indexable insert	DCGW 070202 FN
Number of changes/inserts	1
Product name attribute	PCD
Rake	0 degrees
Type of product	Indexable insert for turning