

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°

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°
Type of product	Indexable insert for turning