

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.

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