

Garant
VCGT 160404 FN, PCD, Cutting edge version: TWM

Order data

Order number	265897 TWM
GTIN	4045197452894
Item class	21L

Description
Version:

PCD – Polycrystalline diamond, fine grain. General machining, stable cutting edge for high metal removal rates.

Application:

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

Rake: 6 degrees

Grade: PCD

Cutting edge version: TWM

Cutting depth a_p : 0.2 - 2.5 mm

Feed f : 0.05 - 0.3 mm/rev.

Cutting speed v_c for alu < 10 % Si: 400 - 3500 m/min

Cutting speed v_c for non-ferrous metals: 300 - 2200 m/min

Technical description

Cutting conditions	continuous
Cutting edge version	TWM

Cutting speed v_c for non-ferrous metals	300 - 2200 m/min
Cutting depth a_p	0.2 - 2.5 mm
Corner radius	0.4 mm
Cutting speed v_c for G(C)RP	400 - 900 m/min
Cutting speed v_c for alu < 10 % Si	400 - 3500 m/min
Feed f	0.05 - 0.3 mm/rev.
Grade	PCD
Finishing/roughing assignment	Skrubbearbejdning-sletbearbejdning
Tool material	PCD
ISO code indexable insert	VCGT 160404 FN
Number of changes/inserts	1
Product name attribute	PCD
Rake	6 degrees
Type of product	Indexable insert for turning