

**Garant**
**DCGT 11T304 FN, PCD, Cutting edge version: TWM**

**Order data**

Order number	265852 TWM
GTIN	4045197452795
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**

Corner radius	0.4 mm
Cutting speed $v_c$ for alu < 10 % Si	400 - 3500 m/min

Cutting edge version	TWM
Cutting speed $v_c$ for G(C)RP	400 - 900 m/min
Cutting depth $a_p$	0.2 - 2.5 mm
Cutting conditions	continuous
Feed $f$	0.05 - 0.3 mm/rev.
Cutting speed $v_c$ for non-ferrous metals	300 - 2200 m/min
Grade	PCD
Finishing/roughing assignment	Skrubbearbejdning-sletbearbejdning
Tool material	PCD
ISO code indexable insert	DCGT 11T304 FN
Number of changes/inserts	1
Product name attribute	PCD
Rake	6 degrees
Type of product	Indexable insert for turning