

Garant
CCGT 09T302 FN, PCD, Cutting edge version: TWF

Order data

| | |
|--------------|---------------|
| Order number | 265812 TWF |
| GTIN | 4045197448927 |
| Item class | 21L |

Description
Version:

PCD – Polycrystalline diamond, fine grain. Finishing, sharp edges for low cutting pressure.

Application:

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

Rake: 6 degrees

Grade: PCD

Cutting edge version: TWF

Cutting depth a_p : 0.1 - 1 mm

Feed f : 0.03 - 0.2 mm/rev.

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

Cutting speed v_c for G(C)RP: 400 - 900 m/min

Technical description

| | |
|---------------------------------------|------------------|
| Cutting conditions | continuous |
| Cutting speed v_c for alu < 10 % Si | 400 - 3500 m/min |
| Cutting depth a_p | 0.1 - 1 mm |

| | |
|--------------------------------|------------------------------|
| Cutting speed v_c for G(C)RP | 400 - 900 m/min |
| Feed f | 0.03 - 0.2 mm/rev. |
| Corner radius | 0.2 mm |
| Cutting edge version | TWF |
| Grade | PCD |
| Finishing/roughing assignment | Finishing |
| Tool material | PCD |
| ISO code indexable insert | CCGT 09T302 FN |
| Number of changes/inserts | 1 |
| Product name attribute | PCD |
| Rake | 6 degrees |
| Type of product | Indexable insert for turning |