

Garant**Slot cutting insert without chamfer C11, TiN, for slot width m: 12mm****Order data**

| | |
|--------------|---------------|
| Order number | 290379 12 |
| GTIN | 4045197882035 |
| Item class | 29L |

Description**Version:**

With TiN coating.

Suitable for regrinding.

Application:

For producing slots according to DIN 6885, DIN 138 and factory standards.

For slot widths with tolerance JS9, use cutter inserts with tolerance H7.

Note:

- **Special sizes (slot widths) available on request.**
- **Detailed application values can be found in our application ToolScout.**

From slot width 16 mm it is essential to perform two passes. The first pass must be performed for approx. half the slot width (e.g. 10 mm for a desired slot width of 18 mm).

Technical description

| | |
|------------------|-----------|
| for slot width m | 12 mm |
| Groove depth t | 6.5 mm |
| Blade width w | 12.205 mm |

| | |
|-------------------|--|
| Tip thickness b | 14 mm |
| Tool material | HSS |
| Coating | TiN |
| for precision fit | C11 |
| Type of product | Keyway broaching and profile slotting tool |

User data

| | Suitability | V _c | ISO code |
|--------------------------------|---|----------------|----------|
| Alu plastics | suitable | | |
| Aluminium (short chipping) | suitable | | |
| Alu > 10% Si | suitable | | |
| Steel < 500 N/mm ² | suitable | | |
| Steel < 750 N/mm ² | suitable | | |
| Steel < 900 N/mm ² | suitable | | |
| Steel < 1100 N/mm ² | suitable | | |
| Steel < 1400 N/mm ² | suitable only under restricted conditions | | |
| INOX < 900 N/mm ² | suitable | | |
| INOX > 900 N/mm ² | suitable only under restricted conditions | | |
| Ti > 850 N/mm ² | suitable only under restricted conditions | | |
| GG(G) | suitable | | |
| CuZn | suitable | | |
| Graphite, GRP, CRP | suitable only under restricted conditions | | |
| Oil | suitable | | |
| wet maximum | suitable | | |

