

**Garant****Slot cutting insert with chamfer H7, TiN, for slot width m: 16mm****Order data**

Order number	290363 16
GTIN	4045197881496
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). For the first pass it is recommended that a cutter insert without chamfer (290370 – 290379) is used, as this means greater slot depths are possible.

**Technical description**

Tip thickness b	14 mm
for slot width m	16 mm

Groove depth t	5.53 mm
Blade width w	16.018 mm
Tool material	HSS
Coating	TiN
for precision fit	H7
Chamfer	0.2 mm×45°
Type of product	Keyway broaching and profile slotting tool

## User data

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

wet maximum

suitable