

**Garant**
**Solid carbide T-slot cutter, semi-roughing, TiAlN, Ø DC × LC d11 × d11:  
12,5X6mm**

**Order data**

Order number	208027 12,5X6
GTIN	4062406397234
Item class	11X

**Description**
**Version:**

**With new high-performance coating** for very long tool life. The sides of the teeth are ground to give clearance and thus cannot jam in the component. With semi-roughing profile.

**Note:**

For milling T-slots to DIN 650.

Feed at 50 %  $f_z$  until full engagement.

**Successor product to No. 208034.**

**Technical description**

for T-slots DIN 650	6 mm
Feed $f_z$ in steel < 900 N/mm <sup>2</sup>	0.033 mm
No. of teeth Z	6
Corner chamfer width at 45°	0.2 mm
Cutting edge Ø D <sub>c</sub>	12.5 mm
Type	NF
Overall length L	57 mm
Shank Ø D <sub>s</sub>	10 mm
Recess Ø D <sub>1</sub>	5 mm
Flute length L <sub>c</sub>	6 mm

Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 851
Milling profile	staggered teeth
Tolerance nominal $\varnothing$	d11
Helix angle	10 degrees
Direction of infeed	horizontal
Shank	DIN 6535 HB to h6
Through-coolant	no
Shank tolerance	h6
Corner chamfer angle	45 degrees
Colour ring	green
Type of product	Slot milling cutter

## User data

	Suitability	$V_c$	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	105 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	90 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	90 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	80 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable only under restricted conditions	60 m/min	P
Uni	suitable		
wet maximum	suitable		