

**Garant**
**Solid carbide T-slot cutter, semi-roughing, TiAlN, Ø DC × LC d11 × d11:  
28X12mm**

**Order data**

Order number	208027 28X12
GTIN	4062406397289
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**

Corner chamfer width at 45°	0.2 mm
Shank Ø $D_s$	16 mm
for T-slots DIN 650	16 mm
Recess Ø $D_1$	13 mm
Overall length L	85 mm
Feed $f_z$ in steel < 900 N/mm <sup>2</sup>	0.035 mm
Cutting edge Ø $D_c$	28 mm
No. of teeth Z	6
Type	NF
Flute length $L_c$	12 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		