

Garant
**Solid carbide T-slot cutter, semi-roughing, TiAlN, Ø DC × LC d11 × d11:
18X8mm**

Order data

Order number	208027 18X8
GTIN	4062406397258
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

Type	NF
Shank Ø D_s	12 mm
Overall length L	70 mm
Corner chamfer width at 45°	0.2 mm
Cutting edge Ø D_c	18 mm
No. of teeth Z	6
Feed f_z in steel < 900 N/mm ²	0.034 mm
for T-slots DIN 650	10 mm
Recess Ø D_1	8 mm
Flute length L_c	8 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 ²	suitable	105 m/min	P
Steel < 750 N/mm ²	suitable	90 m/min	P
Steel < 900 N/mm ²	suitable	90 m/min	P
Steel < 1100 N/mm ²	suitable	80 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	60 m/min	P
Uni	suitable		
wet maximum	suitable		