

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


Order data

Order number	208032 18X8
GTIN	4045197264596
Item class	11X

Description

Version:

The mill cuts on all three sides.

Due to alternate set teeth (staggered), high cutting performance is achieved.

Note:

For milling T-slots to DIN 650.

Feed at 50 % f_z until full engagement.

Technical description

Corner chamfer width at 45°	0.2 mm
for T-slots DIN 650	10 mm
Feed f_z in steel < 900 N/mm ²	0.034 mm
Cutting edge Ø D _c	18 mm
No. of teeth Z	6
Recess Ø D ₁	8 mm
Shank Ø D _s	12 mm
Overall length L	70 mm
Type	N
Flute length L _c	8 mm
Coating	TiAlN

Tool material	Solid carbide
Standard	DIN 851
Milling profile	staggered teeth
Tolerance nominal Ø	d11
Helix angle	12 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		