

**Garant**
**T-slot cutter, uncoated,  $\varnothing$  DC  $\times$  LC d11  $\times$  d11: 12,5X6mm**


## Order data

Order number	194030 12,5X6
GTIN	4045197109538
Item class	11W

## 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 into machine tables on jigs and fixtures.

## Technical description

for T-slots DIN 650	6 mm
Feed $f_z$ in steel $< 750 \text{ N/mm}^2$	0.06 mm
Cutting edge $\varnothing D_c$	12.5 mm
No. of teeth Z	6
Recess $\varnothing D_1$	5 mm
Shank $\varnothing D_s$	10 mm
Overall length L	57 mm
Flute length $L_c$	6 mm
Number of effective inserts $Z_{\text{eff}}$	3
Coating	uncoated
Tool material	HSS Co 5
Milling profile	staggered teeth

Tolerance nominal $\varnothing$	d11
Helix angle	15 degrees
Direction of infeed	horizontal
Shank	DIN 1835 B to h6
Through-coolant	no
Shank tolerance	h6
Corner chamfer angle	90 degrees
Colour ring	without
Type of product	Slot milling cutter

### User data

	Suitability	$V_c$	ISO code
Alu plastics	suitable only under restricted conditions	250 m/min	N
Aluminium (short chipping)	suitable	70 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	35 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	28 m/min	P
GG(G)	suitable only under restricted conditions	22 m/min	K
CuZn	suitable only under restricted conditions	35 m/min	N
Uni	suitable		
wet maximum	suitable		