

Garant
T-slot cutter, uncoated, \varnothing DC \times LC d11 \times d11: 18X8mm


Order data

Order number	194030 18X8
GTIN	4045197109552
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	10 mm
Feed f_z in steel < 750 N/mm ²	0.06 mm
Cutting edge $\varnothing D_c$	18 mm
No. of teeth Z	6
Recess $\varnothing D_1$	8 mm
Shank $\varnothing D_s$	12 mm
Overall length L	70 mm
Flute length L_c	8 mm
Number of effective inserts Z_{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 ²	suitable	35 m/min	P
Steel < 750 N/mm ²	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		