

**Garant**
**T-slot semi-roughing cutter, uncoated,  $\varnothing$  DC  $\times$  LC d11  $\times$  d11: 40X18mm**

**Order data**

Order number	194050 40X18
GTIN	4045197109750
Item class	11W

**Description**
**Version:**

Cuts on all three sides.

Alternate set teeth with ground chip breaker on flutes.

**Note:**

For milling T-slots to DIN 650.

**Technical description**

for T-slots DIN 650	22 mm
Cutting edge $\varnothing$ D <sub>c</sub>	40 mm
Feed f <sub>z</sub> in steel < 750 N/mm <sup>2</sup>	0.09 mm
No. of teeth Z	8
Recess $\varnothing$ D <sub>1</sub>	19 mm
Shank $\varnothing$ D <sub>s</sub>	25 mm
Overall length L	108 mm
Flute length L <sub>c</sub>	18 mm
Number of effective inserts Z <sub>eff</sub>	4
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		