

**Garant**
**T-slot semi-roughing cutter, uncoated,  $\varnothing$  DC  $\times$  LC d11  $\times$  d11: 21X9 mm**

**Order data**

Order number	194050 21X9
GTIN	4045197109705
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.

No. of teeth Z: 8

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for T-slots DIN 650: 12 mm

Recess  $\varnothing$  D<sub>1</sub>: 10 mm

Overall length L: 74 mm

Shank  $\varnothing$  D<sub>s</sub>: 12 mm

Feed f<sub>z</sub> in steel < 750 N/mm<sup>2</sup>: 0.08 mm

**Technical description**

for T-slots DIN 650	12 mm
Cutting edge $\varnothing$ D <sub>c</sub>	21 mm
Feed f <sub>z</sub> in steel < 750 N/mm <sup>2</sup>	0.08 mm
No. of teeth Z	8
Recess $\varnothing$ D <sub>1</sub>	10 mm
Shank $\varnothing$ D <sub>s</sub>	12 mm
Overall length L	74 mm

Flute length L <sub>c</sub>	9 mm
Coating	uncoated
Tool material	HSS Co 5
Milling profile	staggered teeth
Tolerance nominal Ø	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	End mill