

Garant
T-slot cutter, uncoated, \varnothing DC \times LC d11 \times d11: 16X8mm


Order data

| | |
|--------------|---------------|
| Order number | 194030 16X8 |
| GTIN | 4045197109545 |
| 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

| | |
|--|-----------------|
| Feed f_z in steel $< 750 \text{ N/mm}^2$ | 0.06 mm |
| for T-slots DIN 650 | 8 mm |
| Cutting edge $\varnothing D_c$ | 16 mm |
| No. of teeth Z | 6 |
| Recess $\varnothing D_1$ | 7 mm |
| Shank $\varnothing D_s$ | 10 mm |
| Overall length L | 62 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 | | |