

Garant
T-slot semi-roughing cutter, uncoated, \varnothing DC \times LC d11 \times d11: 25X11mm

Order data

| | |
|--------------|---------------|
| Order number | 194050 25X11 |
| GTIN | 4045197109712 |
| 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

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|--|-----------------|
| Cutting edge \varnothing D _c | 25 mm |
| for T-slots DIN 650 | 14 mm |
| Feed f _z in steel < 750 N/mm ² | 0.08 mm |
| No. of teeth Z | 8 |
| Recess \varnothing D ₁ | 12 mm |
| Shank \varnothing D _s | 16 mm |
| Overall length L | 82 mm |
| Flute length L _c | 11 mm |
| Number of effective inserts Z _{eff} | 4 |
| Coating | uncoated |
| Tool material | HSS Co 5 |
| Milling profile | staggered teeth |

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|---------------------------------|---------------------|
| 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 | | |