

Garant
Narrow side milling cutter, uncoated, Ø×width js16×k11: 50X2mm

Order data

| | |
|--------------|---------------|
| Order number | 185500 50X2 |
| GTIN | 4045197097316 |
| Item class | 11U |

Description
Version:

Circular milling cutter, cutting on three faces, with bore collar and keyway. The alternate helical tooth pattern ensures smooth cutting, even on deep cuts.

Application:

For **slotting or cutting-off** when the side faces of the component must have an accurate and clean surface.

Note:

f_z for $a_e = 0.1 \times D$.

Technical description

| | |
|--|---------|
| Feed f_z in steel $< 750 \text{ N/mm}^2$ | 0.04 mm |
| Bore \varnothing H7 | 16 mm |
| No. of teeth Z | 22 |
| Cutting edge \varnothing D_c | 50 mm |
| Cutting width | 2 mm |

| | |
|---------------------------------|---------------------|
| Shank type | with bore |
| Coating | uncoated |
| Tool material | HSS Co 5 |
| Standard | DIN 1834 A |
| Milling profile | staggered teeth |
| Type | N |
| Tolerance nominal \varnothing | js16 |
| Through-coolant | no |
| Colour ring | without |
| Type of product | Side milling cutter |

User data

| | Suitability | V_c | ISO code |
|-------------------------------|---|-----------|----------|
| Aluminium (short chipping) | suitable only under restricted conditions | 200 m/min | N |
| Steel < 500 N/mm ² | suitable | 19 m/min | P |
| Steel < 750 N/mm ² | suitable | 19 m/min | P |
| Steel < 900 N/mm ² | suitable | 19 m/min | P |
| INOX < 900 N/mm ² | suitable only under restricted conditions | 9 m/min | M |
| CuZn | suitable only under restricted conditions | 180 m/min | N |
| Uni | suitable only under restricted conditions | | |
| wet maximum | suitable | | |