

**Garant**
**Narrow side milling cutter, uncoated,  $\text{\O} \times \text{width js16} \times \text{k11: } 100 \times 3,5 \text{ mm}$** 

**Order data**

Order number	185500 100X3,5
GTIN	4045197097569
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 $< 750 \text{ N/mm}^2$	0.06 mm
Cutting edge $\text{\O} D_c$	100 mm
Cutting width	3.5 mm
No. of teeth Z	36
Bore $\text{\O} H7$	32 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 <sup>2</sup>	suitable	19 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	19 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	19 m/min	P
INOX < 900 N/mm <sup>2</sup>	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		