

Garant
Narrow side milling cutter, uncoated, $\text{\O} \times \text{width js16} \times \text{k11: 160X4mm}$

Order data

Order number	185500 160X4
GTIN	4045197097743
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

No. of teeth Z	48
Cutting edge $\text{\O} D_c$	160 mm
Bore $\text{\O} H7$	40 mm
Cutting width	4 mm
Feed f_z in steel $< 750 \text{ N/mm}^2$	0.11 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		