

Garant
Side milling cutter HSS-Co5, uncoated, $\varnothing \times \text{width} \pm 0.1 \times k11$: 80X6 mm

Order data

Order number	185005 80X6
GTIN	4045197546609
Item class	11U

Description
Version:
Side milling cutter similar to DIN 885-A.

Pairs of milling cutters: Cutters with the same \varnothing and same number of teeth can be combined as a set and adjusted to the required width. Since the cutters have no raised bore collar, the staggered teeth mesh with each other.

2-piece sets are particularly economical. By reversing the side milling cutters, both side edges of each cutter can be used.

Note:

- **Do not clamp the cutters in a set without a sufficiently thick arbor spacer ring, otherwise the cutters will be damaged.**
- **See Group 30 for suitable arbor spacer rings.**

Cutters are manufactured with external \varnothing to a tolerance ± 0.1 mm. When using 2 cutters as a set and higher precision is required, the cutters must be ground as a set.

Slots milled from solid: f_z for $a_e = 0.1 \times D$.

Through-coolant: no

Bore \varnothing H6 d_1 : 27 mm

No. of teeth Z: 18

Collar thickness $b \pm 0.1$: 3.5 mm

Collar \varnothing $d_2 \pm 1$: 50 mm

Tooth height Zh: 15 mm

Capability of combining 2 cutters of the same width A/B: 6 mm

Technical description

Capability of combining 2 cutters of different width, results in overall width E	13 - 13.8 mm
Capability of combining 2 cutters of different width B	8 mm
Capability of combining 2 cutters of the same width A/B	6 mm
Collar $\varnothing d_2 \pm 1$	50 mm
No. of teeth Z	18
Capability of combining 2 cutters of the same width, results in overall width E	10.7 - 11.8 mm
Cutting width	6 mm
Capability of combining 2 cutters of different width A	6 mm
Cutting edge $\varnothing D_c$	80 mm
Feed f_z in steel $< 900 \text{ N/mm}^2$	0.06 mm
Tooth height Zh	15 mm
Bore $\varnothing H6 d_1$	27 mm
Collar thickness $b \pm 0.1$	3.5 mm
Shank type	with bore
Coating	uncoated
Tool material	HSS Co 5
Standard	DIN 885 A
Type	N
Tolerance nominal \varnothing	± 0.1
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Colour ring	without
Type of product	Side milling cutter

