Garant

Side milling cutter HSS-Co5, uncoated, ∅×width ± 0.1×k11: 100X10 mm

Order data

Order number	185005 100X10
GTIN	4045197546708
Item class	11U

Description

Version:
Side milling cutter similar to DIN 885-A.
Pairs of milling cutters: Cutters with the same ∅ 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 ∅ 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 ∅ H6 d_1: 27 mm
No. of teeth Z: 18
Collar thickness b ±0.1: 7 mm
Collar ∅ d_2 ±1: 60 mm

Tooth height Zh: 20 mm
Capability of combining 2 cutters of the same width A/B: 10 mm

Technical description

Bore $\varnothing$ H6 d_1	27 mm
Cutting edge $\varnothing$ D_c	100 mm
No. of teeth Z	18
Capability of combining 2 cutters of different width B	12 mm
Collar thickness b ± 0.1	7 mm
Capability of combining 2 cutters of different width A	8 mm
Tooth height Zh	20 mm
Capability of combining 2 cutters of the same width A/B	10 mm
Collar $\varnothing$ d_2 ± 1	60 mm
Capability of combining 2 cutters of the same width, results in overall width E	18.8 - 19.8 mm
Feed f_z in steel < 900 N/mm^2	0.06 mm
Capability of combining 2 cutters of different width, results in overall width E	18.3 - 19.8 mm
Cutting width	10 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×D
Through-coolant	no
Colour ring	without
Type of product	Side milling cutter