Garant

Solid carbide side milling cutter HPC, TiAlN, ∅×width ± 0.1×k11: 63X3 mm

Order data

Order number	185010 63X3
GTIN	4045197367020
Item class	11V

Description

Version:
Precision solid carbide side milling cutters in the HPC machining range.
Use as a set: 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.**
· **Slots milled from solid: f_z for $a_e = 0.1×D$.**
Bore ∅ H6 d_1: 22 mm
No. of teeth Z: 18
Collar thickness b ±0.1: 1.9 mm
Collar ∅ d_2 ±1: 40 mm
Tooth height Zh: 11.5 mm
Capability of combining 2 cutters of the same width A/B: 3 mm

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Technical description

Bore $\varnothing$ H6 d_1	22 mm
No. of teeth Z	18
Capability of combining 2 cutters of different width B	4 mm
Feed f_z in steel < 900 N/mm^2	0.05 mm
Cutting width	3 mm
Collar $\varnothing$ d_2 ±1	40 mm
Tooth height Zh	11.5 mm
Cutting edge $\varnothing$ D_c	63 mm
Collar thickness b ±0.1	1.9 mm
Capability of combining 2 cutters of different width, results in overall width E	6.6 - 6.8 mm
Capability of combining 2 cutters of the same width, results in overall width E	5.7 - 5.8 mm
Capability of combining 2 cutters of the same width A/B	3 mm
Capability of combining 2 cutters of different width A	3 mm
Shank type	with bore
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 885 A
Type	N
Tolerance nominal $\varnothing$	± 0.1
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Machining strategy	HPC
Through-coolant	no
Colour ring	without
Type of product	Side milling cutter

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