Garant

Solid carbide side milling cutter HPC, TiAlN, Ø×width ± 0.1×k11: 40X5 mm

Order data

Order number	185010 40X5
GTIN	4045197366924
Item class	11V

Description

Version:
Precision solid carbide side milling cutters in the HPC machining range.
Use as a set: Cutters with the same Ø 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 Ø H6 d_1: 13 mm
No. of teeth Z: 12
Collar thickness b ±0.1: 3.2 mm
Collar Ø d_2 ±1: 28 mm
Tooth height Zh: 6 mm
Capability of combining 2 cutters of the same width A/B: 5 mm

Technical description

Capability of combining 2 cutters of different width, results in overall width E	10.1 - 13.8 mm
Collar ∅ d_2 ±1	28 mm
Cutting edge ∅ D_C	40 mm
Bore ∅ H6 d_1	13 mm
Capability of combining 2 cutters of the same width, results in overall width E	9.1 - 11.8 mm
Capability of combining 2 cutters of different width B	6 mm
Cutting width	5 mm
Capability of combining 2 cutters of different width A	5 mm
Capability of combining 2 cutters of the same width A/B	5 mm
Feed f_z in steel < 900 N/mm^2	0.03 mm
Tooth height Zh	6 mm
No. of teeth Z	12
Collar thickness b ±0.1	3.2 mm
Shank type	with bore
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 885 A
Type	N
Tolerance nominal ∅	± 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