

Garant
Solid carbide side milling cutter HPC, TiAlN, $\varnothing \times \text{width} \pm 0.1 \times k11$: 80X14 mm

Order data

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|--------------|---------------|
| Order number | 185010 80X14 |
| GTIN | 4045197367150 |
| Item class | 11V |

Description
Version:

Precision solid carbide side milling cutters in the HPC machining range.

Use as a set: 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.**
- **Slots milled from solid: f_z for $a_e = 0.1 \times D$.**

Bore \varnothing H6 d_1 : 27 mm

No. of teeth Z: 14

Collar thickness $b \pm 0.1$: 8.5 mm

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

Tooth height Z_h : 15 mm

Capability of combining 2 cutters of the same width A/B: 14 mm

Technical description

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|---|-----------------------------|
| Tooth height Zh | 15 mm |
| Bore \varnothing H6 d ₁ | 27 mm |
| Collar thickness b \pm 0.1 | 8.5 mm |
| Feed f _z in steel < 900 N/mm ² | 0.06 mm |
| Cutting width | 14 mm |
| No. of teeth Z | 14 |
| Cutting edge \varnothing D _c | 80 mm |
| Capability of combining 2 cutters of the same width, results in overall width E | 25 - 27.8 mm |
| Capability of combining 2 cutters of the same width A/B | 14 mm |
| Collar \varnothing d ₂ \pm 1 | 50 mm |
| Shank type | with bore |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | DIN 885 A |
| Type | N |
| Tolerance nominal \varnothing | \pm 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 |