


Anvil No.E5/511 PPC, TiAlN, Ø f8 Dc / Rw: 16/300 mm

Order data

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| Order number | 207527 16/300 |
| GTIN | 4062406130992 |
| Item class | 11X |

Description
Version:

High-performance tool for **exceptionally efficient finish machining of free-form surfaces**. For outstanding surface qualities in a **very short machining time**. For use on modern 5-axis milling machines with CAD / CAM support.

The end face geometry is designed so that the chips, especially those formed by the end radius, are of optimum shape and have optimum evacuation characteristics. For this purpose the number of cutting edges is reduced to the number of effective end face cutting edges.

Recommendation:

We recommend 0.05 to 0.2mm as an allowance for finishing operations.

Note:

For machining walls and overcoming obstructions.

R_w represents the effective radius on the tool.

Cannot be reground!

No. of teeth Z: 8

Helix angle: 30 degrees

No. of teeth Z: 8

Flute length L_3 : 16 mm

R_w effective radius: 300 mm

Corner radius RS_1 : 4 mm

Overall length L_{tot} : 90 mm

Shank Ø: 16 mm

Technical description

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|---|------------|
| Feed f_z for side milling in steel < 60 HRC | 0.05 mm |
| Helix angle | 30 degrees |

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|---|-------------------------|
| Cutter $\varnothing D_c$ | 16 mm |
| R_w effective radius | 300 mm |
| Corner radius RS_1 | 4 mm |
| Overall length L_{tot} | 90 mm |
| Shank \varnothing | 16 mm |
| No. of teeth Z | 8 |
| Correction factor f_z | 1.25 |
| Flute length L_s | 16 mm |
| Feed f_z for copy milling in steel < 60 HRC | 0.06 mm |
| Minimum tool overhang | 16 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Norm | Manufacturer's standard |
| Type | N |
| Tolerance nominal \varnothing | f8 |
| Direction of infeed | horizontal |
| Cutting width a_e for milling operation | 0.05×D for side milling |
| Cutting width a_e for milling operation | 0.05×D for copy milling |
| Skaft | DIN 6535 HA to h6 |
| Machining strategy | PPC |

Services

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| Shank grinding Type HB | 129100 HB |
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