


Anvil No.E5/511 PPC, TiAlN, Ø f8 Dc / Rw: 6/100 mm

Order data

Order number	207527 6/100
GTIN	4062406130978
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: 4

Helix angle: 30 degrees

No. of teeth Z: 4

Flute length L_s : 8.5 mm

R_w effective radius: 100 mm

Corner radius RS_1 : 0.5 mm

Overall length L_{tot} : 60 mm

Shank Ø: 6 mm

Technical description

Feed f_z for side milling in steel < 60 HRC	0.02 mm
Flute length L_s	8.5 mm

R _w effective radius	100 mm
Correction factor f _z	1.25
Cutter Ø D _c	6 mm
Shank Ø	6 mm
Overall length L _{tot}	60 mm
Helix angle	30 degrees
No. of teeth Z	4
Corner radius RS ₁	0.5 mm
Feed f _z for copy milling in steel < 60 HRC	0.025 mm
Minimum tool overhang	8.5 mm
Coating	TiAlN
Tool material	Solid carbide
Norm	Manufacturer's standard
Type	N
Tolerance nominal Ø	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

Shank grinding Type HB	129100 HB
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