


**Anvil No.E5/511 PPC, TiAlN, Ø f8 Dc / Rw: 12/200 mm**

**Order data**

Order number	207527 12/200
GTIN	4062406130985
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  $L_f$ : 14.5 mm

$R_w$  effective radius: 200 mm

Corner radius  $RS_1$ : 2 mm

Overall length  $L_{tot}$ : 90 mm

Shank Ø: 12 mm

**Technical description**

Shank Ø	12 mm
No. of teeth Z	8

Overall length $L_{tot}$	90 mm
$R_w$ effective radius	200 mm
Feed $f_z$ for side milling in steel < 60 HRC	0.035 mm
Helix angle	30 degrees
Correction factor $f_z$	1.25
Cutter $\varnothing D_c$	12 mm
Flute length $L_s$	14.5 mm
Corner radius $RS_1$	2 mm
Feed $f_z$ for copy milling in steel < 60 HRC	0.04 mm
Minimum tool overhang	14.5 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

Shank grinding Type HB	129100 HB
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