

Garant

Solid carbide barrel milling cutter, straight form PPC, DLC, Ø f8 DC / R2: 10/60 mm



Order data

Order number	207514 10/60
GTIN	4045197985699
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.

Recommendation:

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

Note:

R₂ represents the effective radius on the tool.

Cannot be reground!

No. of teeth Z: 5

Helix angle: 30 degrees

No. of teeth Z: 5

Flute length L_c: 21.5 mm

Effective radius R₂: 60 mm

Corner radius R₁: 1 mm

Overhang length L₁ incl. recess: 30 mm

Recess Ø D₁: 8 mm

Technical description

No. of teeth Z	5
Helix angle	30 degrees
Flute length L _c	21.5 mm
Feed f _z for side milling in short-chipping aluminium	0.06 mm

Shank $\varnothing D_s$	10 mm
Effective radius R_2	60 mm
Recess $\varnothing D_1$	8 mm
Overall length L	72 mm
Cutting edge $\varnothing D_c$	10 mm
Feed f_z for copy milling in short-chipping aluminium	0.08 mm
Corner radius R_1	1 mm
Overhang length L_1 incl. recess	30 mm
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal \varnothing	f8
Spacing of the cutters	unequal spacing
Direction of infeed	horizontal
Cutting width a_e for milling operation	$0.05 \times D$ for copy milling
Cutting width a_e for milling operation	$0.05 \times D$ for side milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	PPC
Colour ring	yellow
Type of product	End mill

Services

Shank grinding Type HB

129100 HB