

Garant

Solid carbide torus cutter, DLC, Ø h6 DC / R1: 6/1,0 mm



Order data

Order number	206250 6/1,0
GTIN	4045197860439
Item class	11X

Description

Version:

Dimensions to manufacturer's standard.

With the latest generation of **DLC coating sp²**.

Eccentric relief ground, additionally **polish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium components.

Tolerances:

· Corner radius

R₁ = 0.5 tolerance ±0.02.

R₁ > 0.5 – 1.5 tolerance ±0.03.

R₁ > 1.5 tolerance ±0.05.

Note:

NEW GENERATION AVAILABLE! Recommended successor product is No. 206261.

No. of teeth Z: 3

Helix angle: 45 degrees

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 3

Flute length L_c: 10 mm

Corner radius R₁: 1 mm

Overhang length L₁ incl. recess: 42 mm

Recess Ø D₁: 5.7 mm

Overall length L: 80 mm

Technical description

No. of teeth Z	3
Feed f _z for side milling in short-chipping aluminium	0.03 mm

Feed f_z for copy milling in short-chipping aluminium	0.03 mm
Overhang length L_1 incl. recess	42 mm
Shank	DIN 6535 HA to h6
Corner radius R_1	1 mm
Cutting edge $\varnothing D_c$	6 mm
Flute length L_c	10 mm
Balance quality with shank	G 2.5 with HA
Shank $\varnothing D_s$	6 mm
Recess $\varnothing D_1$	5.7 mm
Overall length L	80 mm
Helix angle	45 degrees
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Tolerance nominal \varnothing	h6
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.3×D for side milling
Cutting width a_e for milling operation	0.05×D for copy milling
Through-coolant	no
Shank tolerance	h6
Colour ring	yellow
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
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