

Garant
Solid carbide torus cutter, DLC, Ø h6 DC / R1: 12/3,0 mm

Order data

Order number	206250 12/3,0
GTIN	4045197860545
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: 19 mm

Corner radius R₁: 3 mm

Overhang length L₁ incl. recess: 73 mm

Recess Ø D₁: 11 mm

Overall length L: 120 mm

Technical description

Overhang length L ₁ incl. recess	73 mm
Recess Ø D ₁	11 mm

Feed f_z for copy milling in short-chipping aluminium	0.08 mm
Cutting edge $\varnothing D_c$	12 mm
Feed f_z for side milling in short-chipping aluminium	0.07 mm
Overall length L	120 mm
No. of teeth Z	3
Flute length L_c	19 mm
Corner radius R_1	3 mm
Shank	DIN 6535 HA to h6
Balance quality with shank	G 2.5 with HA
Shank $\varnothing D_s$	12 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	0.3xD for side milling
Cutting width a_e for milling operation	0.05xD for copy milling
Through-coolant	no
Shank tolerance	h6
Colour ring	yellow
Type of product	End mill

Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB

