Garant

Solid carbide torus cutter, DLC, Ø h6 DC / R1: 12/0,5 mm

Order data

Order number	206250 12/0,5
GTIN	4045197860514
Item class	11X

Description

Version:
Dimensions to manufacturer's standard.
With the latest generation of **DLC coating sp^2**.
Eccentric relief ground, additionally **polish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium components.
Tolerances:
· **Corner radius**
R_1 = 0.5 tolerance ±0.02.
R_1 > 0.5 – 1.5 tolerance ±0.03.
R_1 > 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 R_1: 0.5 mm
Overhang length L_1 incl. recess: 73 mm
Recess Ø D_1: 11 mm
Overall length L: 120 mm

Technical description

Feed f_z for side milling in short-chipping aluminium	0.07 mm
Flute length L_c	19 mm

Recess ∅ D_1	11 mm
No. of teeth Z	3
Overall length L	120 mm
Balance quality with shank	G 2.5 with HA
Corner radius R_1	0.5 mm
Shank	DIN 6535 HA to h6
Cutting edge ∅ D_C	12 mm
Shank ∅ D_s	12 mm
Overhang length L_1 incl. recess	73 mm
Feed f_z for copy milling in short-chipping aluminium	0.08 mm
Helix angle	45 degrees
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer’s standard
Type	W
Tolerance nominal ∅	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 clamping flats for shrink-fit chucks, with retainer function Shank ∅ tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB