

Solid carbide torus cutter, DLC, Ø h6 DC / R1: 8/1,0 mm



Order data

Order number	206230 8/1,0
GTIN	4045197860255
Item class	11X

Description

Version:

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.

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.

Note

NEW GENERATION AVAILABLE! Recommended successor product is No. 206255.

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: 21 mm Corner radius R₁: 1 mm

Overhang length L₁ incl. recess: 25 mm

Recess Ø D₁: 7.4 mm Overall length L: 63 mm

Technical description

Overhang length L_1 incl. recess	25 mm
Recess Ø D ₁	7.4 mm

Shank DIN 6535 HA to h6 Feed f₂ for side milling in short-chipping aluminium 0.04 mm Shank Ø D₀ 8 mm Corner radius R₁ 1 mm Flute length L₂ 21 mm Feed f₂ for copy milling in short-chipping aluminium 0.04 mm Cutting edge Ø D₀ 8 mm Overall length L 63 mm No. of teeth Z 3 Helix angle 45 degrees Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Tolerance nominal Ø h6 Direction of infeed horizontal, oblique and vertical Cutting width a₂ for milling operation 0.5×D for side milling Cutting width a₂ for milling operation 0.05×D for copy milling Through-coolant no Shank tolerance h6 Colour ring yellow Type of product End mill	Balance quality with shank	G 2.5 with HA	
Shank \oslash D, 8 mm Corner radius R1 1 mm Flute length Lc 21 mm Feed f2 for copy milling in short-chipping aluminium 0.04 mm Cutting edge \oslash Dc 8 mm Overall length L 63 mm No. of teeth Z 3 Helix angle 45 degrees Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Tolerance nominal \oslash h6 Direction of infeed horizontal, oblique and vertical Cutting width a_c for milling operation $0.5 \times D$ for side milling Cutting width a_c for milling operation $0.05 \times D$ for copy milling Through-coolant no Shank tolerance h6 Colour ring yellow	Shank	DIN 6535 HA to h6	
Corner radius R_1 1 mm Flute length L_c 21 mm Feed f_z for copy milling in short-chipping aluminium 0.04 mm Cutting edge \varnothing D_C 8 mm Overall length L 63 mm No. of teeth Z 3 Helix angle 45 degrees Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Tolerance nominal \varnothing h6 Direction of infeed horizontal, oblique and vertical Cutting width a_c for milling operation 0.05×D for copy milling Through-coolant no Shank tolerance h6 Colour ring yellow	Feed f _z for side milling in short-chipping aluminium	0.04 mm	
Flute length L_c 21 mm Feed f_z for copy milling in short-chipping aluminium Outting edge \varnothing D_c 8 mm Overall length L 63 mm No. of teeth Z 3 Helix angle 45 degrees Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Tolerance nominal \varnothing h6 Direction of infeed horizontal, oblique and vertical Cutting width a_e for milling operation 0.05×D for copy milling Through-coolant no Shank tolerance h6 Colour ring yellow	Shank Ø D _s	8 mm	
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Cutting edge \emptyset D_C 8 mmOverall length L63 mmNo. of teeth Z3Helix angle45 degreesCoatingDLCTool materialSolid carbideStandardDIN 6527TypeWTolerance nominal \emptyset h6Direction of infeedhorizontal, oblique and verticalCutting width a_e for milling operation $0.5 \times D$ for side millingCutting width a_e for milling operation $0.05 \times D$ for copy millingThrough-coolantnoShank toleranceh6Colour ringyellow	Flute length L _c	21 mm	
Overall length L 63 mm No. of teeth Z 3 Helix angle 45 degrees Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Tolerance nominal Ø h6 Direction of infeed horizontal, oblique and vertical Cutting width ae for milling operation 0.5×D for side milling Cutting width ae for milling operation 0.05×D for copy milling Through-coolant no Shank tolerance h6 Colour ring yellow	Feed f _z for copy milling in short-chipping aluminium	0.04 mm	
No. of teeth Z Helix angle Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Tolerance nominal Ø horizontal, oblique and vertical Cutting width ae for milling operation DIN 6527 Type W Tolerance nominal Ø Abortizontal, oblique and vertical Cutting width ae for milling operation Cutting width ae for milling operation DIN 6527	Cutting edge Ø D _c	8 mm	
Helix angle Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Tolerance nominal Ø h6 Direction of infeed Cutting width a _e for milling operation D.5×D for copy milling Through-coolant no Shank tolerance h6 Colour ring yellow	Overall length L	63 mm	
Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Tolerance nominal Ø h6 Direction of infeed Cutting width ae for milling operation Shank tolerance h6 Colour ring	No. of teeth Z	3	
Tool material Solid carbide Standard DIN 6527 Type W Tolerance nominal Ø h6 Direction of infeed Cutting width a _e for milling operation Cutting width a _e for milling operation Cutting width a _e for milling operation Through-coolant Shank tolerance Colour ring yellow	Helix angle	45 degrees	
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Type W Tolerance nominal Ø h6 Direction of infeed horizontal, oblique and vertical Cutting width ae for milling operation 0.5×D for side milling Cutting width ae for milling operation 0.05×D for copy milling Through-coolant no Shank tolerance h6 Colour ring yellow	Tool material	Solid carbide	
Tolerance nominal \varnothing h6 Direction of infeed horizontal, oblique and vertical Cutting width a_e for milling operation $0.5\times D$ for side milling Cutting width a_e for milling operation $0.05\times D$ for copy milling Through-coolant no Shank tolerance h6 Colour ring yellow	Standard	DIN 6527	
Direction of infeedhorizontal, oblique and verticalCutting width a_e for milling operation $0.5 \times D$ for side millingCutting width a_e for milling operation $0.05 \times D$ for copy millingThrough-coolantnoShank toleranceh6Colour ringyellow	Туре	W	
Cutting width a_e for milling operation $0.5 \times D$ for side millingCutting width a_e for milling operation $0.05 \times D$ for copy millingThrough-coolantnoShank toleranceh6Colour ringyellow	Tolerance nominal Ø	h6	
Cutting width a _e for milling operation O.05×D for copy milling no Shank tolerance h6 Colour ring yellow	Direction of infeed	horizontal, oblique and vertical	
Through-coolant no Shank tolerance h6 Colour ring yellow	Cutting width a _e for milling operation	0.5×D for side milling	
Shank tolerance h6 Colour ring yellow	Cutting width a _e for milling operation	0.05×D for copy milling	
Colour ring yellow	Through-coolant	no	
•	Shank tolerance	h6	
Type of product End mill	Colour ring	yellow	
	Type of product	End mill	

Services

Shank grinding Type HB	129100 HB
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