


Solid carbide torus cutter HPC DIN 6535 HB, TiSi, Ø DC / R1: 8/1,0 mm

Order data

Order number	206353 8/1,0
GTIN	4045197540270
Item class	12X

Description
Version:

Dimensions to factory standard and 35° spiral.

Special TiSi coating.

With balancing speed G 2.5.

Note:
NEW GENERATION AVAILABLE!

Recommended successor product is No. 206348

No. of teeth Z: 4

Helix angle: 35 degrees

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 21 mm

Corner radius R_1 : 1 mm

Overhang length L_1 incl. recess: 25 mm

Recess Ø D_1 : 7.7 mm

Overall length L: 63 mm

Technical description

Corner radius R_1	1 mm
Feed f_z for copy milling in stainless steel > 900 N/mm ²	0.043 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.035 mm
Recess Ø D_1	7.7 mm
No. of teeth Z	4

Cutting edge $\varnothing D_c$	8 mm
Overhang length L_1 incl. recess	25 mm
Shank $\varnothing D_s$	8 mm
Flute length L_c	21 mm
Overall length L	63 mm
Shank	DIN 6535 HB to h6
Helix angle	35 degrees
Coating	TiSi
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal \varnothing	f8
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	$0.3 \times D$ for side milling
Cutting width a_e for milling operation	$0.05 \times D$ for copy milling
Through-coolant	no
Machining strategy	HPC
Shank tolerance	h6
Colour ring	blue
Type of product	End mill

Services

Shank recess Type FRST	209900 FRST
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