


Solid carbide torus cutter HPC DIN 6535 HB, TiSi, Ø DC / R1: 10/0,5 mm

Order data

Order number	206353 10/0,5
GTIN	4045197540287
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 : 22 mm

Corner radius R_1 : 0.5 mm

Overhang length L_1 incl. recess: 30 mm

Recess Ø D_1 : 9.7 mm

Overall length L: 72 mm

Technical description

Feed f_z for side milling in INOX > 900 N/mm ²	0.052 mm
Recess Ø D_1	9.7 mm
Corner radius R_1	0.5 mm
Overhang length L_1 incl. recess	30 mm
Cutting edge Ø D_c	10 mm

No. of teeth Z	4
Feed f_z for copy milling in stainless steel $> 900 \text{ N/mm}^2$	0.064 mm
Shank $\varnothing D_s$	10 mm
Flute length L_c	22 mm
Overall length L	72 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	0.3xD for side milling
Cutting width a_e for milling operation	0.05xD 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