


Solid carbide torus cutter HPC DIN 6535 HB, TiSi, Ø DC / R1: 16/4,0 mm

Order data

Order number	206353 16/4,0
GTIN	4045197540379
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 : 36 mm

Corner radius R_1 : 4 mm

Overhang length L_1 incl. recess: 42 mm

Recess Ø D_1 : 15.5 mm

Overall length L: 92 mm

Technical description

Feed f_z for copy milling in stainless steel > 900 N/mm ²	0.08 mm
Recess Ø D_1	15.5 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.065 mm
Corner radius R_1	4 mm
Cutting edge Ø D_c	16 mm

No. of teeth Z	4
Overhang length L ₁ incl. recess	42 mm
Shank Ø D _s	16 mm
Flute length L _c	36 mm
Overall length L	92 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 Ø	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×D for side milling
Cutting width a _e for milling operation	0.05×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
Shank clamping flats for shrink-fit chucks, with retainer function Shank Ø tool 16 mm	SZ2025 16