


Solid carbide torus cutter HPC DIN 6535 HB, TiSi, Ø DC / R1: 12/4,0 mm

Order data

Order number	206353 12/4,0
GTIN	4045197540348
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 : 26 mm

Corner radius R_1 : 4 mm

Overhang length L_1 incl. recess: 36 mm

Recess Ø D_1 : 11.6 mm

Overall length L: 83 mm

Technical description

No. of teeth Z	4
Cutting edge Ø D_c	12 mm
Corner radius R_1	4 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.052 mm
Overhang length L_1 incl. recess	36 mm

Feed f_z for copy milling in stainless steel $> 900 \text{ N/mm}^2$	0.064 mm
Recess $\varnothing D_1$	11.6 mm
Shank $\varnothing D_s$	12 mm
Flute length L_c	26 mm
Overall length L	83 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
Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm	SZ2025 12