

**Garant**
**Solid carbide torus cutter HPC DIN 6535 HB, TiAlN, Ø DC / RS1: 6/0,5 mm**

**Order data**

Order number	206358 6/0,5
GTIN	4045197527721
Item class	11X

**Description**
**Version:**

**Special coating** for the best tool life and high metal removal rate.

With balancing speed G2.5.

For milling **Ni-based alloys**, with 35° helix angle.

No. of teeth Z: 4

Helix angle: 35 degrees

Shank: DIN 6535 HB to h6

Balance quality with shank: G 2.5 with HB

No. of teeth Z: 4

Flute length  $L_c$ : 13 mm

Corner radius  $R_1$ : 0.5 mm

Overall length L: 57 mm

Shank Ø  $D_s$ : 6 mm

Feed  $f_z$  for copy milling in Inconel®: 0.026 mm

**Technical description**

Feed $f_z$ for copy milling in Inconel®	0.026 mm
Cutting edge Ø $D_c$	6 mm
Corner radius $R_1$	0.5 mm
No. of teeth Z	4
Shank Ø $D_s$	6 mm
Flute length $L_c$	13 mm
Overall length L	57 mm

Balance quality with shank	G 2.5 with HB
Shank	DIN 6535 HB to h6
Helix angle	35 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
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	$0.05 \times D$ for copy milling
Cutting width $a_e$ for milling operation	$0.2 \times D$ for side milling
Through-coolant	no
Machining strategy	HPC
Shank tolerance	h6
Colour ring	pink
Type of product	End mill

## Services

Shank recess Type FRST	209900 FRST
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