

**Garant**
**Solid carbide torus cutter, TiAlN, Ø e8 DC / RS1: 3/0,3 mm**

**Order data**

Order number	206140 3/0,3
GTIN	4045197123404
Item class	11X

**Description**
**Version:**

Double relief ground side clearance angle.

No. of teeth Z: 2

Helix angle: 30 degrees

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length  $L_c$ : 3.5 mm

Corner radius  $R_1$ : 0.3 mm

Overhang length  $L_1$  incl. recess: 10 mm

Recess Ø  $D_1$ : 2.8 mm

Overall length L: 38 mm

**Technical description**

Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.011 mm
$L_2$	20 mm
Cutting edge Ø $D_c$	3 mm
No. of teeth Z	2
Corner radius $R_1$	0.3 mm
Overhang length $L_1$ incl. recess	10 mm
Feed $f_z$ for copy milling in steel < 900 N/mm <sup>2</sup>	0.013 mm
Recess Ø $D_1$	2.8 mm
Shank Ø $D_s$	3 mm

Flute length $L_c$	3.5 mm
Overall length $L$	38 mm
Shank	DIN 6535 HA to h6
Helix angle	30 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal $\varnothing$	e8
Direction of infeed	horizontal, oblique and vertical
Cutting width $a_e$ for milling operation	0.05×D for copy milling
Cutting width $a_e$ for milling operation	0.2×D for side milling
Through-coolant	no
Shank tolerance	h6
Colour ring	without
Type of product	End mill

## Services

Shank recess Type FRST	209900 FRST
------------------------	-------------