

Garant
Solid carbide torus cutter, TiAlN, Ø e8 DC / RS1: 4/1,0 mm

Order data

Order number	206140 4/1,0
GTIN	4045197123435
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 : 4 mm

Corner radius R_1 : 1 mm

Overhang length L_1 incl. recess: 12 mm

Recess Ø D_1 : 3.8 mm

Overall length L: 40 mm

Technical description

No. of teeth Z	2
Overhang length L_1 incl. recess	12 mm
Feed f_z for copy milling in steel < 900 N/mm ²	0.025 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.023 mm
Corner radius R_1	1 mm
Recess Ø D_1	3.8 mm
Cutting edge Ø D_c	4 mm
L_2	20 mm
Shank Ø D_s	4 mm

Flute length L_c	4 mm
Overall length L	40 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
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