

Garant
Solid carbide torus cutter, uncoated, \varnothing e8 DC / R1: 5/1,0 mm

Order data

Order number	206040 5/1,0
GTIN	4062406087449
Item class	11X

Description
Version:

With **double relief ground side clearance angle and corner radius.**

High strength due to **strengthened core.**

Tolerance: $R_1 = \pm 0.01$ mm.

No. of teeth Z: 2

Helix angle: 30 degrees

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length L_c : 6 mm

Corner radius R_1 : 1 mm

Overhang length L_1 incl. recess: 18 mm

Recess $\varnothing D_1$: 4.6 mm

Overall length L: 54 mm

Technical description

Feed f_z for copy milling in short-chipping aluminium	0.023 mm
Overhang length L_1 incl. recess	18 mm
Flute length L_c	6 mm
Corner radius R_1	1 mm
Overall length L	54 mm
Recess $\varnothing D_1$	4.6 mm
Shank $\varnothing D_s$	5 mm

Feed f_z for side milling in short-chipping aluminium	0.02 mm
Helix angle	30 degrees
Cutting edge $\varnothing D_c$	5 mm
No. of teeth Z	2
Shank	DIN 6535 HA to h6
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Tolerance nominal \varnothing	e8
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.5×D for side milling
Cutting width a_e for milling operation	0.05×D for copy milling
Through-coolant	no
Shank tolerance	h6
Colour ring	yellow
Type of product	End mill

Services

Shank recess Type FRST	209900 FRST
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