

Garant
Solid carbide torus cutter, uncoated, \varnothing e8 DC / R1: 16/2,5 mm

Order data

Order number	206040 16/2,5
GTIN	4045197958518
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 : 16 mm

Corner radius R_1 : 2.5 mm

Overhang length L_1 incl. recess: 44 mm

Recess $\varnothing D_1$: 15 mm

Overall length L: 92 mm

Technical description

Feed f_z for copy milling in short-chipping aluminium	0.1 mm
Overall length L	92 mm
No. of teeth Z	2
Helix angle	30 degrees
Shank	DIN 6535 HA to h6
Cutting edge $\varnothing D_c$	16 mm
Recess $\varnothing D_1$	15 mm
Flute length L_c	16 mm

Corner radius R_1	2.5 mm
Overhang length L_1 incl. recess	44 mm
Shank $\varnothing D_s$	16 mm
Feed f_z for side milling in short-chipping aluminium	0.09 mm
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 clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 16 mm	SZ2025 16
Shank grinding Type HB	129100 HB