

Garant
Solid carbide torus cutter, uncoated, \varnothing e8 DC / R1: 12/1,0 mm

Order data

Order number	206040 12/1,0
GTIN	4062406087463
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 : 12 mm

Corner radius R_1 : 1 mm

Overhang length L_1 incl. recess: 38 mm

Recess $\varnothing D_1$: 11 mm

Overall length L: 83 mm

Technical description

Corner radius R_1	1 mm
Shank	DIN 6535 HA to h6
Feed f_z for copy milling in short-chipping aluminium	0.079 mm
Feed f_z for side milling in short-chipping aluminium	0.07 mm
Overall length L	83 mm
Cutting edge $\varnothing D_c$	12 mm
Recess $\varnothing D_1$	11 mm

No. of teeth Z	2
Flute length L _c	12 mm
Helix angle	30 degrees
Overhang length L ₁ incl. recess	38 mm
Shank Ø D _s	12 mm
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Tolerance nominal Ø	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
Shank clamping flats for shrink-fit chucks, with retainer function Shank Ø tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB