

## Garant

**Solid carbide torus cutter, uncoated, Ø h6 DC / R1: 8/1,0 mm**



### Order data

Order number	206190 8/1,0
GTIN	4045197591715
Item class	11X

### Description

#### Version:

**Eccentric relief ground**, additionally **polish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium workpieces.

Tolerances:

#### · Corner radius

**$R_1 = 0.5$  tolerance  $\pm 0.02$ .**

**$R_1 > 0.5 - 1.5$  tolerance  $\pm 0.03$ .**

**$R_1 > 1.5$  tolerance  $\pm 0.05$ .**

No. of teeth Z: 3

Helix angle: 45 degrees

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 3

Flute length  $L_c$ : 21 mm

Corner radius  $R_1$ : 1 mm

Overhang length  $L_1$  incl. recess: 25 mm

Recess  $\varnothing D_1$ : 7.4 mm

Overall length L: 63 mm

### Technical description

Corner radius $R_1$	1 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.04 mm
Feed $f_z$ for copy milling in short-chipping aluminium	0.04 mm
Overhang length $L_1$ incl. recess	25 mm

No. of teeth Z	3
Recess $\varnothing D_1$	7.4 mm
Cutting edge $\varnothing D_c$	8 mm
Shank $\varnothing D_s$	8 mm
Flute length $L_c$	21 mm
Overall length L	63 mm
Balance quality with shank	G 2.5 with HA
Shank	DIN 6535 HA to h6
Helix angle	45 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	DIN 6527
Type	W
Tolerance nominal $\varnothing$	h6
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	0.5×D for side milling
Through-coolant	no
Shank tolerance	h6
Colour ring	yellow
Type of product	End mill

## Services

Shank recess Type FRST	209900 FRST
Shank grinding Type HB	129100 HB