

## Garant

### Solid carbide milling cutter with internal coolant supply HPC, TiAlN, Ø d11 DC: 8 mm



#### Order data

Order number	203016 8
GTIN	4045197551085
Item class	11X

#### Description

##### Version:

With **internal coolant supply** for reliable swarf evacuation.

##### Note:

**NEW GENERATION AVAILABLE! Recommended successor product is No. 202999.**

Tolerance nominal Ø: e8

No. of teeth Z: 4

Helix angle: 38 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

Balance quality with shank: G 2.5 with HB

No. of teeth Z: 4

Flute length  $L_c$ : 21 mm

Overhang length  $L_1$  incl. recess: 25 mm

Recess Ø  $D_1$ : 7.7 mm

Overall length L: 63 mm

Shank Ø  $D_s$ : 8 mm

#### Technical description

Corner chamfer width at 45°	0.2 mm
Overhang length $L_1$ incl. recess	25 mm
Recess Ø $D_1$	7.7 mm
Cutting edge Ø $D_c$	8 mm
Feed $f_z$ for slot milling in stainless steel > 900 N/mm <sup>2</sup>	0.025 mm

Feed $f_z$ for side milling in INOX > 900 N/mm <sup>2</sup>	0.04 mm
No. of teeth Z	4
Shank $\varnothing D_s$	8 mm
Overall length L	63 mm
Flute length $L_c$	21 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal $\varnothing$	e8
Balance quality with shank	G 2.5 with HB
Helix angle	38 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width $a_e$ for milling operation	0.3×D for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
Through-coolant	yes
Machining strategy	HPC
Colour ring	blue
Type of product	End mill

## Services

Shank recess Type FRST	209900 FRST
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