

Garant

Solid carbide milling cutter with internal coolant supply HPC, TiAlN, Ø d11 DC: 16 mm



Order data

Order number	203016 16
GTIN	4045197551115
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 : 36 mm

Overhang length L_1 incl. recess: 42 mm

Recess Ø D_1 : 15.5 mm

Overall length L: 92 mm

Shank Ø D_s : 16 mm

Technical description

Recess Ø D_1	15.5 mm
Cutting edge Ø D_c	16 mm
No. of teeth Z	4
Corner chamfer width at 45°	0.3 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.055 mm

Overhang length L_1 incl. recess	42 mm
Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.05 mm
Shank $\varnothing D_s$	16 mm
Overall length L	92 mm
Flute length L_c	36 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	0.3xD for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1xD
Through-coolant	yes
Machining strategy	HPC
Colour ring	blue
Type of product	End mill

Services

Shank recess Type FRST	209900 FRST
Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 16 mm	SZ2025 16

