

Garant
Solid carbide milling cutter MTC, SiTiN, Ø f8 DC: 16 mm

Order data

Order number	202394 16
GTIN	4045197591647
Item class	11X

Description
Version:
Special flute profile. Strengthened core.
MTC rough milling up to 1.5×D in solid material.
Eccentric relief ground.
Application:

 Especially for **MTC (Multi Task Cutting)** use on the new generation of turning / milling centres.

Tolerance nominal Ø: f8

No. of teeth Z: 3

Helix angle: 45 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: 3

 Flute length L_c : 48 mm

 Overhang length L_1 incl. recess: 58 mm

 Recess Ø D_1 : 15.5 mm

Overall length L: 108 mm

 Shank Ø D_s : 16 mm

Technical description

Corner chamfer width at 45°	0.2 mm
Cutting edge Ø D_c	16 mm
Recess Ø D_1	15.5 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.08 mm

Feed f_z for side milling in steel < 900 N/mm ²	0.096 mm
No. of teeth Z	3
Overhang length L_1 incl. recess	58 mm
Shank $\varnothing D_s$	16 mm
Overall length L	108 mm
Flute length L_c	48 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal \varnothing	f8
Balance quality with shank	G 2.5 with HB
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	SiTiN
Tool material	Solid carbide
Standard	Manufacturer's standard
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	no
Machining strategy	MTC
Colour ring	green
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

