

Garant
Solid carbide milling cutter HPC, AlCrN, Ø e8 DC: 16 mm

Order data

Order number	202993 16
GTIN	4045197766762
Item class	11X

Description

Solid carbide milling cutter HPC 16 mm Tolerance nominal Ø: e8

No. of teeth Z: 4

Helix angle: 40 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 22 mm

Overall length L: 82 mm

Shank Ø D_s : 16 mm

Corner chamfer width at 45°: 0.5 mm

Feed f_z for slot milling in stainless steel > 900 N/mm²: 0.05 mm

Technical description

Flute length L_c	22 mm
Corner chamfer width at 45°	0.5 mm
Overall length L	82 mm
Tolerance nominal Ø	e8
Shank	DIN 6535 HB to h6
Cutting edge Ø D_c	16 mm
No. of teeth Z	4
Shank Ø D_s	16 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.055 mm

Direction of infeed	horizontal, oblique and vertical
Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.05 mm
Helix angle	40 degrees
Corner chamfer angle	45 degrees
Coating	AlCrN
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	$0.5 \times D$ for side milling
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill

Services

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