

Garant
Solid carbide milling cutter HPC, AlCrN, Ø e8 DC: 6 mm

Order data

Order number	202993 6
GTIN	4045197766724
Item class	11X

Description

Solid carbide milling cutter HPC 6 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 : 10 mm

Overall length L: 54 mm

Shank Ø D_s : 6 mm

Corner chamfer width at 45°: 0.4 mm

Feed f_z for slot milling in stainless steel > 900 N/mm²: 0.025 mm

Technical description

Overall length L	54 mm
Shank	DIN 6535 HB to h6
Tolerance nominal Ø	e8
No. of teeth Z	4
Cutting edge Ø D_c	6 mm
Corner chamfer width at 45°	0.4 mm
Flute length L_c	10 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.03 mm
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.025 mm

Direction of infeed	horizontal, oblique and vertical
Shank $\varnothing D_s$	6 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