

**Garant**
**Solid carbide milling cutter HPC, AlCrN, Ø e8 DC: 12 mm**

**Order data**

Order number	202993 12
GTIN	4045197766755
Item class	11X

**Description**

Solid carbide milling cutter HPC 12 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  $L_c$ : 16 mm

Overall length L: 73 mm

Shank Ø  $D_s$ : 12 mm

Corner chamfer width at 45°: 0.5 mm

Feed  $f_z$  for slot milling in stainless steel > 900 N/mm<sup>2</sup>: 0.04 mm

**Technical description**

Shank	DIN 6535 HB to h6
Tolerance nominal Ø	e8
No. of teeth Z	4
Corner chamfer width at 45°	0.5 mm
Shank Ø $D_s$	12 mm
Overall length L	73 mm
Feed $f_z$ for side milling in INOX > 900 N/mm <sup>2</sup>	0.05 mm
Cutting edge Ø $D_c$	12 mm
Feed $f_z$ for slot milling in stainless steel > 900 N/mm <sup>2</sup>	0.04 mm

Direction of infeed	horizontal, oblique and vertical
Flute length $L_c$	16 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×D for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×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 12 mm

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