

Garant
Solid carbide milling cutter HPC / TPC, TiAlN, Ø e8 DC: 12 mm

Order data

Order number	203023 12
GTIN	4045197857804
Item class	11X

Description
Version:

 Shank **similar to DIN 6535 HB.**
Note:
Successor product to No. 203018.

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

No. of teeth Z: 4

 Flute length L_c : 51 mm

Overall length L: 100 mm

 Shank Ø D_s : 12 mm

Corner chamfer width at 45°: 0.5 mm

 Feed f_z for side milling in INOX > 900 N/mm²: 0.065 mm

Technical description

Feed f_z for side milling in INOX > 900 N/mm ²	0.065 mm
Direction of infeed	horizontal, oblique and vertical
Flute length L_c	51 mm
Corner chamfer width at 45°	0.5 mm
Overall length L	100 mm
Cutting edge Ø D_c	12 mm

Shank $\varnothing D_s$	12 mm
Shank	DIN 6535 HB to h6
No. of teeth Z	4
Tolerance nominal \varnothing	e8
Helix angle	38 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
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	0.04xD
Through-coolant	no
Machining strategy	HPC
Machining strategy	TPC
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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