Garant

Solid carbide milling cutter with chip separators TPC, TiAlN, ⌀ f8 DC: 4 mm

Order data

Order number	203019 4
GTIN	4045197778895
Item class	11X

Description

Version:
High-performance mills for machining stainless steels, **specially designed for TPC applications**. Strengthened core.
Note:
$h_{m\,max}$: The values stated in the table are maximum values.
$a_{e\,max}$ = 0.08×D for TPC machining.
NEW GENERATION AVAILABLE!
Recommended successor product is No. 203103
Tolerance nominal ⌀: f8
No. of teeth Z: 5
Helix angle: 45 degrees
Direction of infeed: horizontal and oblique
Shank: DIN 6535 HB to h6
Balance quality with shank: G 2.5 with HB
No. of teeth Z: 5
Flute length L_c: 16 mm
Overhang length L_1 incl. recess: 23 mm
Recess ⌀ D_1: 3.9 mm
Overall length L: 62 mm
Shank ⌀ D_s: 6 mm

Technical description

Shank ⌀ D_s	6 mm
Cutting edge ⌀ D_C	4 mm

Average chip thickness h_{max} for TPC milling in INOX < 900 N/mm^2	0.025 mm
Corner chamfer width at 45°	0.08 mm
No. of teeth Z	5
Shank	DIN 6535 HB to h6
Recess ⌀ D_1	3.9 mm
Balance quality with shank	G 2.5 with HB
Overhang length L_1 incl. recess	23 mm
Tolerance nominal ⌀	f8
Direction of infeed	horizontal and oblique
Overall length L	62 mm
Average chip thickness h_{max} for TPC milling in INOX > 900 N/mm^2	0.02 mm
Flute length L_c	16 mm
Helix angle	45 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	0.08×D
Through-coolant	no
Machining strategy	TPC
Colour ring	blue
Type of product	End mill