HOLEX

Solid carbide milling cutter with chip separators TPC, TiSiN, ∅ e8 DC: 8 mm

Order data

Order number	203085 8
GTIN	4062406569327
Item class	12X

Description

Version:
High-performance end mill for general-purpose applications, **specially designed for TPC applications**.
Strengthened core.
Optimised bending strength due to the use of ultra-fine grain substrates.
Chip breaker for controlled chip breaking.
Note:
h_{max}: The values stated in the table are maximum values.
$a_{e\,max}$ = 0.18×D for TPC machining.
Tolerance nominal ∅: e8
No. of teeth Z: 4
Helix angle: 40 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: 4
Flute length L_c: 24 mm
Overhang length L_1 incl. recess: 30 mm
Recess ∅ D_1: 7.8 mm
Overall length L: 68 mm
Shank ∅ D_s: 8 mm

Technical description

Flute length L_c	24 mm
Helix angle	40 degrees

Direction of infeed	horizontal and oblique
Cutting edge ⌀ D_C	8 mm
Corner chamfer width at 45°	0.16 mm
Shank ⌀ D_s	8 mm
Overall length L	68 mm
Shank	DIN 6535 HB to h6
Balance quality with shank	G 2.5 with HB
Recess ⌀ D_1	7.8 mm
Corner chamfer angle	45 degrees
Overhang length L_1 incl. recess	30 mm
No. of teeth Z	4
Tolerance nominal ⌀	e8
Average chip thickness h_{max} for TPC milling in steel < 900 N/mm^2	0.062 mm
Coating	TiSiN
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	0.18×D
Through-coolant	no
Machining strategy	TPC
Colour ring	green
Type of product	End mill