Garant

Solid carbide milling cutter with internal cooling MTC, DLC, ⌀ h6 DC: 20 mm

Order data

Order number	202279 20
GTIN	4045197746290
Item class	11X

Description

Version:
With the latest generation of **DLC coating sp**^{2}.
Eccentric relief ground, additionally **polish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium components.
Application:
Especially for **MTC (Multi Task Cutting)** use on the new generation of turning / milling centres.
Note:
NEW GENERATION AVAILABLE!
Recommended successor product is No. 202019.
Tolerance nominal ⌀: h6
No. of teeth Z: 3
Helix angle: 45 degrees
Direction of infeed: horizontal, oblique and vertical
Shank: DIN 6535 HB to h6
Balance quality with shank: G 2.5 with HB
No. of teeth Z: 3
Flute length L_c: 32 mm
Overhang length L_1 incl. recess: 98 mm
Recess ⌀ D_1: 19 mm
Overall length L: 150 mm
Shank ⌀ D_s: 20 mm

Technical description

Overhang length L_1 incl. recess	98 mm
Shank	DIN 6535 HB to h6

Shank ∅ D_s	20 mm
Overall length L	150 mm
Feed f_z for slot milling in short-chipping aluminium	0.085 mm
Tolerance nominal ∅	h6
Shank form	HB
Recess ∅ D_1	19 mm
Balance quality with shank	G 2.5 with HB
Flute length L_c	32 mm
Feed f_z for side milling in short-chipping aluminium	0.12 mm
Corner chamfer width at 45°	0.2 mm
Cutting edge ∅ D_C	20 mm
Direction of infeed	horizontal, oblique and vertical
No. of teeth Z	3
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Helix angle characteristic	unequal spacing
Cutting width a_e for milling operation	0.3×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	yes
Machining strategy	MTC
Colour ring	yellow
Type of product	End mill

Services

	SZ2025 20

Shank clamping flats for shrink-fit chucks, with retainer function Shank ∅ tool 20 mm