Garant

Solid carbide milling cutter MTC, uncoated, ∅ DC: 20 mm

Order data

Order number	202244 20
GTIN	4045197538536
Item class	11X

Description

Version:
Eccentric relief ground, additionally **polish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium workpieces.
Without 45° corner chamfer.
Without 45° corner chamfer.
Size 1–2 – tolerance: Size nominal ∅ **D_C = e8.**
Size 2.5–20M – tolerance: Size nominal ∅ **D_C = h6.**
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. 202002.
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: 41 mm
Overhang length L_1 incl. recess: 52 mm
Recess ∅ D_1: 19 mm
Overall length L: 104 mm
Shank ∅ D_s: 20 mm

Technical description

Cutting edge ∅ D_C	20 mm

Feed f_z for slot milling in short-chipping aluminium	0.085 mm
Overhang length L_1 incl. recess	52 mm
Shank form	HB
No. of teeth Z	3
Recess ⌀ D_1	19 mm
Feed f_z for side milling in short-chipping aluminium	0.12 mm
Shank ⌀ D_s	20 mm
Overall length L	104 mm
Flute length L_c	41 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal ⌀	h6
Balance quality with shank	G 2.5 with HB
Helix angle	45 degrees
Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	DIN 6527
Type	W
Helix angle characteristic	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	MTC
Colour ring	yellow
Type of product	End mill

Services

Shank recess Type FRST	209900 FRST

Shank clamping flats for shrink-fit chucks, with retainer function Shank ∅ tool 20 mm	SZ2025 20