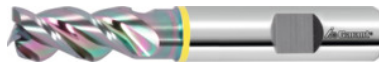


## Garant

### Solid carbide milling cutter MTC, DLC, Ø DC: 20M mm



#### Order data

Order number	202270 20M
GTIN	4045197763976
Item class	11X

#### Description

##### Version:

With the latest generation of **DLC coating sp<sup>2</sup>**.

**Eccentric relief ground**, additionally **polish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium components.

Lengths similar to **DIN 6527 long**.

##### Application:

Especially for **MTC (Multi Task Cutting)** use on the new generation of turning / milling centres.

##### Note:

**NEW GENERATION AVAILABLE!**

**Recommended successor products are No. 202004 and No. 202010.**

Tolerance nominal Ø: 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<sub>c</sub>: 60 mm

Overhang length L<sub>1</sub> incl. recess: 74 mm

Recess Ø D<sub>1</sub>: 19 mm

Overall length L: 126 mm

Shank Ø D<sub>s</sub>: 20 mm

#### Technical description

Feed f <sub>z</sub> for slot milling in short-chipping aluminium	0.085 mm
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Direction of infeed	horizontal, oblique and vertical
Corner chamfer width at 45°	0.2 mm
No. of teeth Z	3
Recess $\varnothing D_1$	19 mm
Flute length $L_c$	60 mm
Overhang length $L_1$ incl. recess	74 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.12 mm
Overall length L	126 mm
Balance quality with shank	G 2.5 with HB
Shank form	HB
Cutting edge $\varnothing D_c$	20 mm
Shank	DIN 6535 HB to h6
Tolerance nominal $\varnothing$	h6
Shank $\varnothing D_s$	20 mm
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	DLC
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 clamping flats for shrink-fit chucks, with retainer function Shank  $\varnothing$  tool 20 mm

SZ2025 20