

Garant

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



Order data

Order number	202243 20
GTIN	4045197537638
Item class	11X

Description

Version:

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

Lengths similar to **DIN 6527 long**.

Application:

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

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_c : 41 mm

Overhang length L_1 incl. recess: 52 mm

Recess Ø D_1 : 19 mm

Overall length L: 104 mm

Shank Ø D_s : 20 mm

Technical description

Cutting edge Ø D_c	20 mm
Shank form	HB
Feed f_z for slot milling in short-chipping aluminium	0.085 mm
Recess Ø D_1	19 mm

Corner chamfer width at 45°	0.2 mm
Feed f_z for side milling in short-chipping aluminium	0.12 mm
Overhang length L_1 incl. recess	52 mm
No. of teeth Z	3
Shank $\varnothing D_s$	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 \varnothing	h6
Balance quality with shank	G 2.5 with HB
Helix angle	45 degrees
Corner chamfer angle	45 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 \varnothing tool 20 mm	SZ2025 20

