

Garant
GARANT Master Alu solid carbide milling cutter HPC, uncoated, Ø DC: 20 mm

Order data

Order number	202470 20
GTIN	4062406245733
Item class	11X

Description
Version:
Extra sharp cutting edges.

Dimensions similar to DIN 6527.

Double relief ground side clearance angle.

For roughing and finishing. Up to 2xD into solid material at very high feed rates and smooth cutting action.

Note:
Successor product to No. 202480.

Tolerance nominal Ø: h6

No. of teeth Z: 4

Helix angle: 38 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 4

Flute length L_c : 41 mm

Overhang length L_1 incl. recess: 51 mm

Recess Ø D_1 : 19 mm

Overall length L: 104 mm

Shank Ø D_s : 20 mm

Technical description

Overhang length L_1 incl. recess	51 mm
Flute length L_c	41 mm
Direction of infeed	horizontal, oblique and vertical

Feed f_z for slot milling in short-chipping aluminium	0.18 mm
No. of teeth Z	4
Cutting edge $\varnothing D_c$	20 mm
Overall length L	104 mm
Feed f_z for side milling in short-chipping aluminium	0.22 mm
Shank $\varnothing D_s$	20 mm
Recess $\varnothing D_1$	19 mm
Tolerance nominal \varnothing	h6
Shank	DIN 6535 HA to h6
Helix angle	38 degrees
Corner chamfer angle	90 degrees
Series	GARANT Master Alu
Coating	uncoated
Tool material	Solid carbide
Standard	DIN 6527
Type	W
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Machining strategy	HPC
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
Shank grinding Type HB	129100 HB

