

Garant
GARANT Master Alu solid carbide milling cutter HPC, uncoated, Ø DC: 6 mm

Order data

Order number	202470 6
GTIN	4062406245573
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 : 16 mm

Overhang length L_1 incl. recess: 21 mm

Recess Ø D_1 : 5.5 mm

Overall length L: 57 mm

Shank Ø D_s : 6 mm

Technical description

Cutting edge Ø D_c	6 mm
Overhang length L_1 incl. recess	21 mm
Tolerance nominal Ø	h6

Shank $\varnothing D_s$	6 mm
Helix angle	38 degrees
Flute length L_c	16 mm
Direction of infeed	horizontal, oblique and vertical
Feed f_z for side milling in short-chipping aluminium	0.08 mm
Feed f_z for slot milling in short-chipping aluminium	0.06 mm
Shank	DIN 6535 HA to h6
Overall length L	57 mm
Recess $\varnothing D_1$	5.5 mm
No. of teeth Z	4
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 grinding Type HB	129100 HB