

Garant
GARANT Master Alu solid carbide milling cutter HPC, DLC, Ø DC: 10M mm

Order data

Order number	202512 10M
GTIN	4062406238902
Item class	11X

Description
Version:
Extra sharp cutting edges.

Dimensions similar to DIN6527.

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

With the latest generation of **DLC coating sp²**.

Note:
Successor product to No. 202515.

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: 30 mm

Overhang length L₁ incl. recess: 38 mm

Recess Ø D₁: 9.2 mm

Overall length L: 80 mm

Shank Ø D_s: 10 mm

Technical description

Shank Ø D _s	10 mm
Helix angle	38 degrees
No. of teeth Z	4

Overall length L	80 mm
Shank	DIN 6535 HA to h6
Tolerance nominal Ø	h6
Recess Ø D ₁	9.2 mm
Feed f _z for slot milling in short-chipping aluminium	0.09 mm
Feed f _z for side milling in short-chipping aluminium	0.12 mm
Flute length L _c	30 mm
Direction of infeed	horizontal, oblique and vertical
Overhang length L ₁ incl. recess	38 mm
Cutting edge Ø D _c	10 mm
Corner chamfer angle	90 degrees
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	DIN 6527
Type	W
Cutting width a _e for milling operation	Full slot cutting depth 1×D
Cutting width a _e for milling operation	0.25×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
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