GARANT Master Alu PickPocket solid carbide roughing end mill HPC, DLC, Ø e6 DC: 10 mm

Order data

Order number	202017 10
GTIN	4062406381042
Item class	11X

Description

Version:
For roughing and finishing.
Up to 2×D into solid material at very high feed rates and smooth cutting action.
Very high feed rates when plunging vertically.
Ramping capability up to 45°.
Very long overhang for safe machining of deep cavities.
With the latest generation of DLC coating sp^2.
Advantage:
Optimised flute form, eccentric relief ground, generous chip spaces.
Note:
A minimum oversize of 0.1×D must be maintained for subsequent finishing operations.
Tolerance nominal Ø: e8
No. of teeth Z: 3
Helix angle: 42 degrees
Direction of infeed: horizontal, oblique and vertical
Shank: DIN 6535 HA to h6
Balance quality with shank: G 2.5 with HA
No. of teeth Z: 3
Flute length L_c: 16 mm
Overhang length L_1 incl. recess: 58 mm
Recess Ø D_1: 9.2 mm
Overall length L: 100 mm
Shank Ø D_s: 10 mm

Technical description

Overall length L	100 mm
Overhang length L_1 incl. recess	58 mm
Helix angle	42 degrees
No. of teeth Z	3
Shank ∅ D_s	10 mm
Feed f_z for slot milling in short-chipping aluminium	0.05 mm
Shank	DIN 6535 HA to h6
Feed f_z for side milling in short-chipping aluminium	0.07 mm
Recess ∅ D_1	9.2 mm
Balance quality with shank	G 2.5 with HA
Cutting edge ∅ D_C	10 mm
Tolerance nominal ∅	e8
Flute length L_c	16 mm
Direction of infeed	horizontal, oblique and vertical
Corner rounding r_v	0.2 mm
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer’s standard
Type	W
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	0.3×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill