ʄ Hoffmann Group

Garant

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

Order data

Order number	202010 10
GTIN	4062406380823
Item class	11X

Description

Version:
For roughing and finishing.
Up to $2 \times D$ into solid material at very high feed rates and smooth cutting action.
Very high feed rates when plunging vertically.
Ramping capability up to 45°.
With the latest generation of DLC coating sp^2.
Advantage:
Optimised flute form, eccentric relief ground, generous chip spaces.
Tolerance nominal Ø: e6
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: 30 mm
Overhang length L_1 incl. recess: 38 mm
Recess Ø D_1: 9.8 mm
Overall length L: 80 mm
Shank Ø D_s: 10 mm

Technical description

Feed f_z for side milling in short-chipping aluminium	0.08 mm
Shank	DIN 6535 HA to h6

Tolerance nominal Ø	e6
Overhang length L_1 incl. recess	38 mm
Feed f_z for slot milling in short-chipping aluminium	0.06 mm
Shank Ø D_s	10 mm
Cutting edge Ø D_c	10 mm
Corner rounding r_v	0.2 mm
No. of teeth Z	3
Overall length L	80 mm
Direction of infeed	horizontal, oblique and vertical
Recess Ø D_1	9.8 mm
Flute length L_c	30 mm
Helix angle	42 degrees
Balance quality with shank	G 2.5 with HA
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	Full slot cutting depth 1×D
Cutting width a_e for milling operation	Full slot cutting depth 1×D
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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