

Garant

GARANT Master Alu PickPocket solid carbide torus cutter HPC, DLC, Ø e8 DC / R1: 16/5,0 mm



Order data

Order number	206255 16/5,0
GTIN	4062406156329
Item class	11X

Description

Version:

Cutting edge length to DIN 6527.

All dimensions to DIN.

Tolerance: Corner radius $R_1 = \pm 0.01 \text{ mm}$.

Application:

Especially for **high speed machining** in **mould and tool making** for **copy milling**.

No. of teeth Z: 3

Helix angle: 42 degrees

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 3

Flute length L_c : 31 mm

Corner radius R_1 : 5 mm

Overhang length L_1 incl. recess: 42 mm

Recess $\varnothing D_1$: 15.8 mm

Overall length L: 92 mm

Technical description

Overhang length L_1 incl. recess	42 mm
Corner radius R_1	5 mm
No. of teeth Z	3
Feed f_z for side milling in short-chipping aluminium	0.18 mm

Flute length L_c	31 mm
Feed f_z for copy milling in short-chipping aluminium	0.2 mm
Shank $\varnothing D_s$	16 mm
Balance quality with shank	G 2.5 with HA
Helix angle	42 degrees
Cutting edge $\varnothing D_c$	16 mm
Recess $\varnothing D_1$	15.8 mm
Shank	DIN 6535 HA to h6
Overall length L	92 mm
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	DIN 6527
Type	W
Tolerance nominal \varnothing	e8
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.5×D for side milling
Cutting width a_e for milling operation	0.5×D for side milling
Through-coolant	no
Machining strategy	HPC
Shank tolerance	h6
Colour ring	yellow
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
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