Garant

GARANT Master Alu PickPocket solid carbide torus cutter HPC, DLC, ∅ e8 DC / R1: 20/4,0 mm



Order data

Order number	206257 20/4,0
GTIN	4062406156473
Item class	11X

Description

Version:
Cutting edge length to DIN 6527.
Tolerance: Corner radius **R_1 = ± 0.01 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: 41 mm
Corner radius R_1: 4 mm
Overhang length L_1 incl. recess: 74 mm
Recess ∅ D_1: 19.8 mm
Overall length L: 126 mm

Technical description

Corner radius R_1	4 mm
Flute length L_c	41 mm
Helix angle	42 degrees
Feed f_z for copy milling in short-chipping aluminium	0.2 mm
Recess ∅ D_1	19.8 mm

Shank	DIN 6535 HA to h6
Overall length L	126 mm
Feed f_z for side milling in short-chipping aluminium	0.18 mm
Shank ⌀ D_s	20 mm
Overhang length L_1 incl. recess	74 mm
No. of teeth Z	3
Cutting edge ⌀ D_C	20 mm
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
Tolerance nominal ⌀	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	0.03×D for copy 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