

Garant
Copy milling head HPC, uncoated, Ø D h10: 25mm

Order data

Order number	210355 25
GTIN	4045197557728
Item class	21M

Technical description

Flute length L_2	19 mm
Cutter Ø D	25 mm
Head length l	32 mm
maximum cutting depth $a_{p\max}$	12.5 mm
Feed f_z for copy milling in short-chipping aluminium	0.18 mm
Arbor size	24 mm
Free length	32 mm
Number of cutting edges Z	4
Series	TopCut
Coating	uncoated
Grade	HU730
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Helix angle	32 degrees

Helix angle characteristic	unequal spacing
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	$0.05 \times D$ for side milling
Cutting width a_e for milling operation	$0.5 \times D$ for copy milling
Machining strategy	HPC
Through-coolant	no
suitable arbor	GARANT TopCut
Type of product	Cutter insert for milling

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	530 m/min	N
Aluminium (short chipping)	suitable	500 m/min	N
Alu > 10% Si	suitable	450 m/min	N
CuZn	suitable only under restricted conditions	320 m/min	N
Oil	suitable only under restricted conditions		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		
Air	suitable only under restricted conditions		

Accessories

Assembly wrench Type 21X5	219987 21X5
Plug-in adapter for torque wrench Type 21X5	219986 21X5

