

Garant
Milling head, sharp-edged HPC, uncoated, Ø D h10: 16mm

Order data

Order number	210345 16
GTIN	4045197557650
Item class	21M

Description
Note:

Standard application values for slots milled from solid at $a_{p\ max} \leq 0.5 \times D$.

Technical description

Head length l	28 mm
Flute length L_2	16 mm
Cutter Ø D	16 mm
Feed f_z for side milling in short-chipping aluminium	0.17 mm
Feed f_z for slot milling in short-chipping aluminium	0.14 mm
Arbor size	16 mm
Corner chamfer angle	90 degrees
Overall length L	45.3 mm
Coating	uncoated
Series	TopCut
Grade	HU730
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W

Helix angle	42 degrees
Direction of infeed	horizontal and oblique
Cutting width a_e for milling operation	0.3×D for side milling mm
Cutting width a_e for milling operation	Full slot cutting depth 1×D mm
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 13X4	219987 13X4
Plug-in adapter for torque wrench Type 13X4	219986 13X4

