

Garant
Finish milling head, 45° chamfer, HB730, Ø D h10: 25mm

Order data

Order number	210340 25
GTIN	4045197543141
Item class	21M

Technical description

Flute length L_2	32 mm
Cutter $\varnothing D$	25 mm
Head length l	45 mm
Corner chamfer width at 45°	0.5 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.12 mm
Arbor size	24 mm
Corner chamfer angle	45 degrees
Number of cutting edges Z	6
Series	TopCut
Grade	HB730
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle	50 degrees
Direction of infeed	horizontal
Cutting width a_e for milling operation	0.1×D for side milling 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
Steel < 500 N/mm ²	suitable	210 m/min	P
Steel < 750 N/mm ²	suitable	170 m/min	P
Steel < 900 N/mm ²	suitable	150 m/min	P
Steel < 1100 N/mm ²	suitable	130 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	110 m/min	P
Steel < 55 HRC	suitable only under restricted conditions	50 m/min	H
Steel < 60 HRC	suitable only under restricted conditions	40 m/min	H
INOX < 900 N/mm ²	suitable	80 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	50 m/min	M
Ti > 850 N/mm ²	suitable only under restricted conditions	80 m/min	S
GG(G)	suitable	160 m/min	K
Oil	suitable only under restricted conditions		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		
Air	suitable		

Accessories

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