

Garant
Finish milling head, 45° chamfer, HB730, Ø D h10: 20mm

Order data

Order number	210340 20
GTIN	4045197523372
Item class	21M

Technical description

Flute length L_2	25 mm
Cutter $\varnothing D$	20 mm
Head length l	35 mm
Corner chamfer width at 45°	0.4 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.1 mm
Arbor size	20 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

Plug-in adapter for torque wrench Type 16X5	219986 16X5
Assembly wrench Type 16X5	219987 16X5