

Garant
Finish milling head, 45° chamfer, HB730, Ø D h10: 16mm

Order data

Order number	210340 16
GTIN	4045197523365
Item class	21M

Technical description

Head length l	28 mm
Cutter Ø D	16 mm
Flute length L ₂	20 mm
Corner chamfer width at 45°	0.32 mm
Feed f _z for side milling in steel < 900 N/mm ²	0.08 mm
Arbor size	16 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 13X4	219986 13X4
Assembly wrench Type 13X4	219987 13X4