Garant

Finish milling head, radius, HB730, ⌀ D h10: 20mm

Order data

Order number	210330 20
GTIN	4045197523334
Item class	21M

Technical description

Head length l	35 mm
Flute length L_2	25 mm
Cutter ⌀ D	20 mm
Feed f_z for side milling in steel < 900 N/mm^2	0.1 mm
Arbor size	20 mm
Corner rounding r_v	1
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/mm²	suitable	210 m/min	P
Steel < 750 N/mm²	suitable	170 m/min	P
Steel < 900 N/mm²	suitable	150 m/min	P
Steel < 1100 N/mm²	suitable	130 m/min	P
Steel < 1400 N/mm²	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/mm²	suitable	80 m/min	M
INOX > 900 N/mm²	suitable only under restricted conditions	50 m/min	M
Ti > 850 N/mm²	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 16X5	219987 16X5
Plug-in adapter for torque wrench Type 16X5	219986 16X5