

Garant
Copy milling head, HB730, Ø D h10: 16mm

Order data

Order number	210360 16
GTIN	4045197523440
Item class	21M

Technical description

Flute length L_2	12 mm
Cutter $\varnothing D$	16 mm
maximum cutting depth $a_{p,max}$ in steel $< 900 \text{ N/mm}^2$	4.8 mm
Head length l	20 mm
Feed f_z for copy milling in steel $< 900 \text{ N/mm}^2$	0.1 mm
Arbor size	16 mm
Free length	20 mm
Number of cutting edges Z	4
Series	TopCut
Grade	HB730
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle	30 degrees
Direction of infeed	horizontal and oblique

Cutting width a_e for milling operation	0.05×D for copy milling
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
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Accessories

Plug-in adapter for torque wrench Type 13X4	219986 13X4
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Assembly wrench Type 13X4	219987 13X4
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