

Garant
Torus milling head, hard machining, HB7730, \varnothing D h10 / R: 10/1mm


Order data

Order number	210265 10/1
GTIN	4045197607430
Item class	21M

Technical description

Milling head \varnothing D	10 mm
Flute length L_2	7.5 mm
Head length l	13 mm
Corner radius	1 mm
Average chip thickness h_{\max} for TPC milling in steel < 900 N/mm ²	0.04 mm
Arbor size	10 mm
Number of cutting edges Z	4
Series	TopCut
Grade	HB7730
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Helix angle	45 degrees
Direction of infeed	horizontal, oblique and vertical

Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Cutting width a_e for milling operation	$0.05 \times D$ for copy milling
Cutting width a_e for milling operation	$0.3 \times D$ for side milling
Cutting width a_e for milling operation	$0.5 \times D$ for side milling
Machining strategy	HPC
Through-coolant	no
Shank type	GARANT TopCut
Type of product	Cutter insert for milling

User data

	Suitability	V_c	ISO code
Steel < 1400 N/mm ²	suitable	130 m/min	P
Steel < 55 HRC	suitable	65 m/min	H
Steel < 60 HRC	suitable	55 m/min	H
dry	suitable only under restricted conditions		
Air	suitable		