

**Garant**
**Torus milling head, hard machining, HB7730,  $\varnothing$  D h10 / R: 10/2mm**

**Order data**

Order number	210265 10/2
GTIN	4045197607447
Item class	21M

**Technical description**

Milling head $\varnothing$ D	10 mm
Head length l	13 mm
Flute length $L_2$	7.5 mm
Corner radius	2 mm
Average chip thickness $h_{\max}$ for TPC milling in steel < 900 N/mm <sup>2</sup>	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 <sup>2</sup>	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		