

**Garant**
**Torus milling head, hard machining, HB7730, Ø D h10 / R: 20/2mm**

**Order data**

Order number	210265 20/2
GTIN	4045197607706
Item class	21M

**Technical description**

Head length l	25 mm
Flute length L <sub>2</sub>	15 mm
Milling head Ø D	20 mm
Corner radius	2 mm
Average chip thickness h <sub>max</sub> for TPC milling in steel < 900 N/mm <sup>2</sup>	0.08 mm
Arbor size	20 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		