

**Garant**
**TPC milling head with chip separators 2×D, HB730, Ø D f8: 10 mm**

**Order data**

Order number	210343 10
GTIN	4045197721488
Item class	21M

**Description**
**Version:**

**Milling head specially designed for TPC applications.**

**Note:**

$h_{\max}$ : The values stated in the table are maximum values.

Cutting data for conventional milling can be found in the machining handbook No. 110020.

$a_{e \max} = 0.1 \times D$  for TPC machining.

Head length  $l$ : 25.5 mm

Flute length  $L_2$ : 20 mm

Corner chamfer width at 45°: 0.2 mm

Average chip thickness  $h_{\max}$  for TPC milling in steel < 900 N/mm<sup>2</sup>: 0.045 mm

**Technical description**

Flute length $L_2$	20 mm
Cutter Ø D	10 mm
Average chip thickness $h_{\max}$ for TPC milling in steel < 900 N/mm <sup>2</sup>	0.045 mm
Head length $l$	25.5 mm
Corner chamfer width at 45°	0.2 mm
Arbor size	10 mm
Corner chamfer angle	45 degrees
Series	TopCut

Grade	HB730
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Number of cutting edges Z	5
Helix angle	45 degrees
Helix angle characteristic	unequal spacing
Direction of infeed	horizontal, oblique and vertical
Cutting width $a_e$ for milling operation	$0.1 \times D$ mm
Machining strategy	TPC
Through-coolant	no
suitable arbor	GARANT TopCut
Type of product	Cutter insert for milling