

**Garant**
**Torus milling head HPC, HB7820, Ø D h10 / R: 12/1 mm**

**Order data**

Order number	210255 12/1
GTIN	4045197607508
Item class	21M

**Description**
**Note:**

Standard application values for slots milled from solid at  $a_{p\ max} \leq 0.5 \times D$ .

Head length l: 16 mm

Flute length  $L_2$ : 9 mm

Corner radius: 1 mm

Feed  $f_z$  for slot milling in short-chipping aluminium: 0.11 mm

Feed  $f_z$  for side milling in short-chipping aluminium: 0.13 mm

**Technical description**

Head length l	16 mm
Flute length $L_2$	9 mm
Milling head Ø D	12 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.13 mm
Feed $f_z$ for slot milling in short-chipping aluminium	0.11 mm
Corner radius	1 mm
Arbor size	12 mm
Grade	HB7820
Tool material	Solid carbide
Standard	Manufacturer's standard

Type	W
Number of cutting edges Z	3
Helix angle	42 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	Full slot cutting depth $1 \times D$
Machining strategy	HPC
Through-coolant	yes
Type of product	Cutter insert for milling