

**Garant**
**Torus milling head HPC, HB7820, Ø D h10 / R: 16/4 mm**

**Order data**

Order number	210255 16/4
GTIN	4045197607539
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: 20 mm

Flute length  $L_2$ : 12 mm

Corner radius: 4 mm

Feed  $f_z$  for slot milling in short-chipping aluminium: 0.14 mm

Feed  $f_z$  for side milling in short-chipping aluminium: 0.17 mm

**Technical description**

Milling head Ø D	16 mm
Head length l	20 mm
Flute length $L_2$	12 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.17 mm
Feed $f_z$ for slot milling in short-chipping aluminium	0.14 mm
Corner radius	4 mm
Arbor size	16 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