

Garant
Torus milling head HPC, HB7820, Ø D h10 / R: 12/0,5 mm

Order data

Order number	210255 12/0,5
GTIN	4045197606891
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: 0.5 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

Milling head Ø D	12 mm
Flute length L_2	9 mm
Head length l	16 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	0.5 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