

Garant
GARANT Master Steel end milling head, 45° chamfer, HB730, Ø D h10: 12 mm

Order data

Order number	210245 12
GTIN	4045197891297
Item class	21M

Description
Note:

Standard application values for $a_{p\max} \leq 0.5 \times D$.

Head length l: 16 mm

Flute length L_2 : 9 mm

Corner chamfer width at 45°: 0.24 mm

Feed f_z for slot milling in steel < 900 N/mm²: 0.07 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.09 mm

Technical description

Cutter Ø D	12 mm
Corner chamfer width at 45°	0.24 mm
Head length l	16 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.09 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.07 mm
Flute length L_2	9 mm
Arbor size	12 mm
Corner chamfer angle	45 degrees
Series	GARANT Master Steel
Grade	HB730

Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Number of cutting edges Z	4
Helix angle	38 degrees
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.3×D for side milling mm
Cutting width a_e for milling operation	Full slot cutting depth 1×D mm
Machining strategy	HPC
Through-coolant	no
suitable arbor	GARANT TopCut
Type of product	Cutter insert for milling