

Garant
Torus milling head, HB730, Ø D h10 / R: 25/3mm

Order data

Order number	210260 25/3
GTIN	4045197557513
Item class	21M

Description
Note:

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

Technical description

Flute length L_2	19 mm
Milling head Ø D	25 mm
Head length l	32 mm
Corner radius	3 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.14 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.11 mm
Arbor size	24 mm
Number of cutting edges Z	4
Series	TopCut
Grade	HB730
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N

Helix angle	30 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	$0.3 \times D$ for side milling
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Cutting width a_e for milling operation	$0.3 \times D$ for side milling
Machining strategy	HPC
Through-coolant	no
Shank type	GARANT TopCut
Type of product	Cutter insert for milling

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm ²	suitable	210 m/min	P
Steel < 750 N/mm ²	suitable	170 m/min	P
Steel < 900 N/mm ²	suitable	150 m/min	P
Steel < 1100 N/mm ²	suitable	130 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	110 m/min	P
Steel < 55 HRC	suitable only under restricted conditions	50 m/min	H
Steel < 60 HRC	suitable only under restricted conditions	40 m/min	H
INOX < 900 N/mm ²	suitable	80 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	50 m/min	M
Ti > 850 N/mm ²	suitable only under restricted conditions	80 m/min	S
GG(G)	suitable	160 m/min	K
Oil	suitable only under restricted conditions		

wet maximum	suitable
wet minimum	suitable only under restricted conditions
dry	suitable only under restricted conditions
Air	suitable

Accessories

Plug-in adapter for torque wrench Type 21X5	219986 21X5
Assembly wrench Type 16X5	219987 16X5
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Plug-in adapter for torque wrench Type 16X5	219986 16X5