

**Garant**
**Finish milling head, radius, HB730, Ø D h10: 25mm**

**Order data**

Order number	210330 25
GTIN	4045197543134
Item class	21M

**Technical description**

Head length l	45 mm
Cutter Ø D	25 mm
Flute length L <sub>2</sub>	32 mm
Feed f <sub>z</sub> for side milling in steel < 900 N/mm <sup>2</sup>	0.12 mm
Arbor size	24 mm
Corner rounding r <sub>v</sub>	1,25
Number of cutting edges Z	6
Series	TopCut
Grade	HB730
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle	50 degrees
Direction of infeed	horizontal
Cutting width a <sub>e</sub> for milling operation	0.1×D for side milling mm
Machining strategy	HPC

Through-coolant	no
suitable arbor	GARANT TopCut
Type of product	Cutter insert for milling

## User data

	Suitability	V <sub>c</sub>	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	210 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	170 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	150 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	130 m/min	P
Steel < 1400 N/mm <sup>2</sup>	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 <sup>2</sup>	suitable	80 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable only under restricted conditions	50 m/min	M
Ti > 850 N/mm <sup>2</sup>	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

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