

Garant
Chamfering milling head, 90°, HB730, Ø D ± 0.01: 16mm

Order data

Order number	210390 16
GTIN	4045197523532
Item class	21M

Technical description

Head length l	20 mm
Flute length L ₂	11.3 mm
Cutter Ø D	16 mm
maximum cutting depth a _{p,max} in steel < 900 N/mm ²	6 mm
Corner chamfer angle	45 degrees
Arbor size	16 mm
Feed f _z in steel < 900 N/mm ²	0.1 mm
maximum cutting depth a _{p,max} when slot milling from solid	8
Overall length L	37.3 mm
Number of cutting edges Z	3
Series	TopCut
Grade	HB730
Tool material	Solid carbide
Countersink tip angle	90
Standard	Manufacturer's standard

Type	N
Direction of infeed	horizontal
Through-coolant	no
Shank type	GARANT TopCut
Type of product	Threaded copy milling cutter

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
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Accessories

Assembly wrench Type 13X4	219987 13X4
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Plug-in adapter for torque wrench Type 13X4	219986 13X4
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