

Garant**Milling insert 60°, HB7720, Pitch: 1-3,5mm****Order data**

Order number	217505 1-3,5
GTIN	4045197217561
Item class	21C

Description

Note:
55° inserts on request.

Technical description

Depth t	0.578 - 2.023 mm
for threads \geq	M22
Insert thickness E	3.5 mm
Insert geometry	Partial profile
External \varnothing D	17.5 mm
Number of clamping slots	3
Thread pitch	1 mm
maximum thread pitch	3.5 mm
Application	Internal and external
Grade	HB7720

Tool material	Carbide
Thread type	M
Thread type	MF
Thread type	MF-LH
Thread type	M-LH
Flank angle	60 degrees
Type	02
Number of cutting edges Z	3
Cutting direction	right-hand and left-hand
Type of product	Cutter insert for circular milling

User data

	Suitability	V _c	ISO code
Alu plastics	suitable	600 m/min	N
Aluminium (short chipping)	suitable	500 m/min	N
Alu > 10% Si	suitable	400 m/min	N
Steel < 500 N/mm ²	suitable	260 m/min	P
Steel < 750 N/mm ²	suitable	220 m/min	P
Steel < 900 N/mm ²	suitable	180 m/min	P
Steel < 1100 N/mm ²	suitable	100 m/min	P
Steel < 1400 N/mm ²	suitable	80 m/min	P
Steel < 55 HRC	suitable only under restricted conditions	60 m/min	H
Steel < 60 HRC	suitable only under restricted conditions	45 m/min	H
Steel < 65 HRC	suitable only under restricted conditions	35 m/min	H
Steel < 67 HRC	suitable only under restricted conditions	30 m/min	H

INOX < 900 N/mm ²	suitable only under restricted conditions	130 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	120 m/min	M
Ti > 850 N/mm ²	suitable	100 m/min	S
GG(G)	suitable only under restricted conditions	120 m/min	K
Uni	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		