

Garant
Full profile insert 55°, external, right-hand, HB7020, TPI: 19

Order data

Order number	270802 19
GTIN	4045197370570
Item class	21J

Technical description

Number of turns/inch	19
Tool material	Carbide
Application type	right-hand
Internal/external application	external
Indexable insert profile	Full profile
Grade	HB7020
Thread type	BSW
Thread type	BSP-LH
Thread type	BSP
Thread type	BSW-LH
Thread type	G
Thread type	G-LH

Flank angle	55 degrees
Thickness	3.6 mm
Insert size L	16 mm
Type of product	Indexable insert for thread turning

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	200 m/min	N
Alu > 10% Si	suitable only under restricted conditions	180 m/min	N
Steel < 500 N/mm ²	suitable only under restricted conditions	160 m/min	P
Steel < 750 N/mm ²	suitable	160 m/min	P
Steel < 900 N/mm ²	suitable	120 m/min	P
Steel < 1100 N/mm ²	suitable	90 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	70 m/min	P
Steel < 55 HRC	suitable only under restricted conditions	30 m/min	H
INOX < 900 N/mm ²	suitable only under restricted conditions	90 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	90 m/min	M
Ti > 850 N/mm ²	suitable only under restricted conditions	50 m/min	S
GG(G)	suitable	120 m/min	K
CuZn	suitable only under restricted conditions	120 m/min	N
continuous	suitable only under restricted conditions		
irregular	suitable		

interrupted	suitable
wet maximum	suitable
dry	suitable only under restricted conditions