

Garant

**Mini insert for internal grooving, full radius right-hand, HB720, Ø Dmin / w:
11/1,2mm**

**Order data**

Order number	270050 11/1,2
GTIN	4062406566241
Item class	21I

Technical description

maximum cutting depth t_{max}	2.3 mm
Feed f	0.02 - 0.03 mm/rev.
Tip centre offset L_3	6.7 mm
Insert thickness T	4 mm
Insert size $\varnothing d$	8 mm
Groove width w	1.2 mm
Minimum $\varnothing D_{min}$	11 mm
Radius R	0.6 mm
Tool material	Carbide
Grade	HB720
Type of product	Mini indexable insert

User data

	Suitability	V _c	ISO code
Alu plastics	suitable only under restricted conditions	80 m/min	N
Aluminium (short chipping)	suitable only under restricted conditions	80 m/min	N
Alu > 10% Si	suitable only under restricted conditions	60 m/min	N
Steel < 500 N/mm ²	suitable	80 m/min	P
Steel < 750 N/mm ²	suitable	80 m/min	P
Steel < 900 N/mm ²	suitable	80 m/min	P
Steel < 1100 N/mm ²	suitable	80 m/min	P
Steel < 1400 N/mm ²	suitable	60 m/min	P
INOX < 900 N/mm ²	suitable	70 m/min	M
INOX > 900 N/mm ²	suitable	50 m/min	M
Ti > 850 N/mm ²	suitable only under restricted conditions	30 m/min	S
GG(G)	suitable	60 m/min	K
CuZn	suitable	80 m/min	N
continuous	suitable		
irregular	suitable only under restricted conditions		
interrupted	suitable only under restricted conditions		
wet maximum	suitable		