

**Garant**

**Mini insert for internal grooving, full radius right-hand, HB720, Ø Dmin / w:  
8/2,0mm**

**Order data**

Order number	270050 8/2,0
GTIN	4062406566227
Item class	21I

**Technical description**

Tip centre offset $L_3$	4.8 mm
maximum cutting depth $t_{max}$	1 mm
Insert size $\varnothing d$	6 mm
Minimum $\varnothing D_{min}$	8 mm
Groove width $w$	2 mm
Insert thickness $T$	3.6 mm
Feed $f$	0.02 - 0.03 mm/rev.
Radius $R$	1 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 <sup>2</sup>	suitable	80 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	80 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	80 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	80 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	60 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	70 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	50 m/min	M
Ti > 850 N/mm <sup>2</sup>	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		