

**Garant**
**Mini insert for internal copying right-hand, HB720,  $\varnothing$  Dmin: 7,8mm**

**Order data**

Order number	270040 7,8
GTIN	4045197560148
Item class	211

**Technical description**

Insert size $\varnothing$ d	6 mm
Tip centre offset $L_3$	4.65 mm
Insert thickness T	3.65 mm
Minimum $\varnothing$ $D_{min}$	7.8 mm
Wedge angle $\alpha$	43 degrees
Feed f	0.02 - 0.03 mm/rev.
maximum cutting depth $t_{max}$	1.2 mm
Radius R	0.2 mm
maximum cutting depth $a_{p,max}$	0.15 - 0.5 mm
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		