

**Garant**

**Mini insert for internal boring out, with chip breaker right-hand, HB720,  $\varnothing$  Dmin: 7,8mm**

**Order data**

Order number	270021 7,8
GTIN	4062406564872
Item class	21I

**Technical description**

Wedge angle $\alpha$	70 degrees
Feed $f$	0.02 - 0.03 mm/rev.
maximum cutting depth $a_{p,max}$	0.15 - 0.5 mm
maximum cutting depth $t_{max}$	1.3 mm
Insert size $\varnothing d$	6 mm
Tip centre offset $L_3$	4.65 mm
Radius $R$	0.2 mm
Minimum $\varnothing D_{min}$	7.8 mm
Insert thickness $T$	3.65 mm
Coating	TiCN
Grade	HB720

Type of product

Mini indexable insert

**User data**

	<b>Suitability</b>	<b>V<sub>c</sub></b>	<b>ISO code</b>
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		