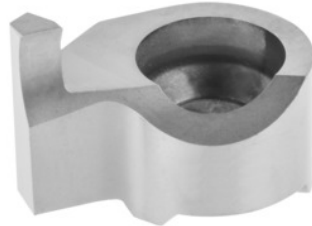


**Garant****Rectangular profile cutter insert, HB720, Ø Dmin groove D1/D2: 9/12mm****Order data**

Order number	273973 9/12
GTIN	4062406127800
Item class	21H

**Description****Attention:**

Ordering size = minimum groove  $\varnothing$ .  
 Capable of cutting larger groove  $\varnothing$  without modification.  
 $D_1 = D_{\min}$  internal  $\varnothing$ .  
 $D_2 = D_{\min}$  external  $\varnothing$ .  
 L type with larger groove depth  $t_{\max}$ .

**Technical description**

Feed f	0.01 - 0.02 mm/rev.
Tip centre offset $L_3$	9 mm
Radius R	0.2 mm
maximum cutting depth $t_{\max}$	2.5 mm
Insert thickness T	8.3 mm
Groove width w	1.5 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	200 m/min	N
Aluminium (short chipping)	suitable only under restricted conditions	120 m/min	N
Alu > 10% Si	suitable only under restricted conditions	120 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	110 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	110 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	90 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	90 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	90 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	80 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	60 m/min	M
Ti > 850 N/mm <sup>2</sup>	suitable only under restricted conditions	25 m/min	S
GG(G)	suitable	60 m/min	K
CuZn	suitable	100 m/min	N
continuous	suitable		
irregular	suitable only under restricted conditions		
interrupted	suitable only under restricted conditions		
wet maximum	suitable		