

Garant

Mini insert for internal boring out, with chip breaker right-hand, HB720, Ø D_{min}: 11 mm

**Order data**

Order number	270021 11
GTIN	4062406564896
Item class	21I

Technical description

Insert size Ø d	8 mm
Tip centre offset L ₃	6.7 mm
Radius R	0.2 mm
Minimum Ø D _{min}	11 mm
Insert thickness T	4 mm
maximum cutting depth a _{p max}	0.15 - 0.5 mm
Feed f	0.02 - 0.03 mm/rev.
Wedge angle α	70 degrees
maximum cutting depth t _{max}	2.3 mm
Coating	TiCN
Series	Mini

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		