Garant

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

Order data

Order number	270050 8/0,8
GTIN	4062406564902
Item class	21I

Technical description

Minimum ⌀ D_{min}	8 mm
Insert thickness T	3.6 mm
Tip centre offset L_3	4.8 mm
maximum cutting depth t_{max}	1 mm
Groove width w	0.8 mm
Insert size ⌀ d	6 mm
Feed f	0.02 - 0.03 mm/rev.
Radius R	0.4 mm
Tool material	Carbide
Series	Mini

Type	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/mm²	suitable	80 m/min	P
Steel < 750 N/mm²	suitable	80 m/min	P
Steel < 900 N/mm²	suitable	80 m/min	P
Steel < 1100 N/mm²	suitable	80 m/min	P
Steel < 1400 N/mm²	suitable	60 m/min	P
INOX < 900 N/mm²	suitable	70 m/min	M
INOX > 900 N/mm²	suitable	50 m/min	M
Ti > 850 N/mm²	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		