Garant

Micro grooving insert, round internal, left-hand, L1 = 15 mm, ∅ Dmin / w: 4,2/1mm

Order data

Order number	270340 4,2/1
GTIN	4045197468420
Item class	21I

Description

Application:
For cutter holder No. 270200 – 270204.

Technical description

Tip centre offset L_3	1.95 mm
Minimum ∅ D_{min}	4.2 mm
maximum cutting depth t_{max}	0.8 mm
Shank ∅ d	4 mm
Radius R	0.5 mm
Series	Micro
Groove width w	1 mm
Overhang L_1	15 mm
Product name attribute	L_1 = 15 mm
Type of product	Cutter insert for turning

User data

	Suitability	V_c	ISO code

Alu plastics	suitable only under restricted conditions	250 m/min	N
Aluminium (short chipping)	suitable only under restricted conditions	200 m/min	N
Alu > 10% Si	suitable only under restricted conditions	200 m/min	N
Steel < 500 N/mm²	suitable	160 m/min	P
Steel < 750 N/mm²	suitable	150 m/min	P
Steel < 900 N/mm²	suitable	150 m/min	P
Steel < 1100 N/mm²	suitable	80 m/min	P
Steel < 1400 N/mm²	suitable	60 m/min	P
Steel < 55 HRC	suitable only under restricted conditions	30 m/min	H
INOX < 900 N/mm²	suitable	90 m/min	M
INOX > 900 N/mm²	suitable	60 m/min	M
Ti > 850 N/mm²	suitable only under restricted conditions	30 m/min	S
GG(G)	suitable	90 m/min	K
CuZn	suitable	150 m/min	N
continuous	suitable		
irregular	suitable only under restricted conditions		
interrupted	suitable only under restricted conditions		
wet maximum	suitable		