

**Garant****Grooving insert, internal, left-hand, L1 = 10 mm, Ø Dmin / W: 4,2/1mm**

## Order data

Order number	270320 4,2/1
GTIN	4045197466853
Item class	21I

## Description

### Application:

For cutter holder No. 270200 – 270204.

## Technical description

Minimum $\varnothing D_{\min}$	4.2 mm
maximum cutting depth $t_{\max}$	0.8 mm
Tip centre offset $L_3$	2 mm
Shank $\varnothing d$	4 mm
Overhang $L_1$	10 mm
Product name attribute	$L_1 = 10$ 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

## Data sheet

Alu > 10% Si	suitable only under restricted conditions	200 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	160 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	150 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	150 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
Steel < 55 HRC	suitable only under restricted conditions	30 m/min	H
INOX < 900 N/mm <sup>2</sup>	suitable	90 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	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		