

**Garant****Grooving insert, internal, left-hand, L1 = 20 mm, Ø Dmin / W: 6,2/1,5mm****Order data**

|              |                |
|--------------|----------------|
| Order number | 270324 6,2/1,5 |
| GTIN         | 4045197467041  |
| Item class   | 21I            |

**Description****Application:**

For cutter holder No. 270200 – 270204.

**Technical description**

|                                 |                           |
|---------------------------------|---------------------------|
| maximum cutting depth $t_{max}$ | 1.8 mm                    |
| Tip centre offset $L_3$         | 3 mm                      |
| Minimum $\varnothing D_{min}$   | 6.2 mm                    |
| Shank $\varnothing d$           | 6 mm                      |
| Overhang $L_1$                  | 20 mm                     |
| Product name attribute          | $L_1 = 20$ 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        |

## Data sheet

|                                |                                           |           |   |
|--------------------------------|-------------------------------------------|-----------|---|
| 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                                  |           |   |