

Garant
Copying insert, internal, left-hand, L1 = 21 mm, Ø Dmin: 6,2mm

Order data

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|--------------|---------------|
| Order number | 270294 6,2 |
| GTIN | 4045197466624 |
| Item class | 21I |

Description
Application:

For cutter holder No. 270200 – 270204.

Technical description

| | |
|---|---------------------------|
| Minimum $\varnothing D_{\min}$ | 6.2 mm |
| Shank $\varnothing d$ | 6 mm |
| maximum cutting depth t_{\max} | 1.75 mm |
| Tip centre offset L_3 | 2.95 mm |
| Radius R | 0.2 mm |
| Feed f in stainless steel < 900 N/mm ² | 0.05 mm/rev. |
| Feed f in stainless steel > 900 N/mm ² | 0.05 mm/rev. |
| Feed f in steel < 1100 N/mm ² | 0.05 mm/rev. |
| Overhang L_1 | 21 mm |
| Product name attribute | $L_1 = 21$ mm |
| Type of product | Cutter insert for turning |

User data

| | Suitability | V_c | ISO code |
|--|-------------|-------|----------|
|--|-------------|-------|----------|

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|--------------------------------|---|-----------|---|
| 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/mm ² | suitable | 160 m/min | P |
| Steel < 750 N/mm ² | suitable | 150 m/min | P |
| Steel < 900 N/mm ² | suitable | 150 m/min | P |
| Steel < 1100 N/mm ² | suitable | 80 m/min | P |
| Steel < 1400 N/mm ² | suitable | 60 m/min | P |
| Steel < 55 HRC | suitable only under restricted conditions | 30 m/min | H |
| INOX < 900 N/mm ² | suitable | 90 m/min | M |
| INOX > 900 N/mm ² | suitable | 60 m/min | M |
| Ti > 850 N/mm ² | 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 | | |