

**Garant**
**eco-grooving toolholder, right-hand, Shank width / groove width w: 20/3 mm**


## Order data

|              |               |
|--------------|---------------|
| Order number | 273835 20/3   |
| GTIN         | 4045197517319 |
| Item class   | 21W           |

## Description

### Version:

Made of high-tensile tool steel ( $> 1300 \text{ N/mm}^2$ ). In conjunction with the convex insert clamping, the system achieves very high resistance to axial and radial cutting forces and thereby significantly increases the surface quality and productivity.  $10 \times w$

### Note:

Maximum  $\varnothing$  = limited workpiece  $\varnothing$  due to the tool type.

From 19.5 mm groove depth (up to groove width 3 mm) and from 24.5 mm groove depth (from groove width 4 mm) the second cutter comes into contact with the workpiece. This can lead to scoring.

If necessary, use single-cutter grooving inserts No. 273656 – 273670.

Coolant transfer only in conjunction with GARANT eco-system toolholders No. 317900 – 319886.

Through-coolant: yes

Groove width w: 3 mm

maximum  $\varnothing$ : 60 mm

Grooving depth  $t_{\text{max}}$ : 30 mm

Functional width  $L_4$ : 21.5 mm

Head length  $L_1$ : 49 mm

Shank width: 20 mm

## Technical description

|                |                       |
|----------------|-----------------------|
| Shank width    | 20 mm                 |
| Screw          | 279815 6 (TX25; 6 Nm) |
| Groove width w | 3 mm                  |

|                           |            |
|---------------------------|------------|
| Functional width $L_4$    | 21.5 mm    |
| Grooving depth $t_{\max}$ | 30 mm      |
| Head length $L_1$         | 49 mm      |
| Overall length $L$        | 108 mm     |
| maximum $\varnothing$     | 60 mm      |
| Application type          | right-hand |
| Through-coolant           | yes        |
| axial grooving possible   | no         |
| Type of product           | Boring bar |

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## Accessories

|                       |          |
|-----------------------|----------|
| Clamping screw        | 279904   |
| Clamping screw Type 6 | 279815 6 |