

**Re-Bo**
**Circular saw blade medium, Ø×thickness: 400X3,5mm**


## Order data

|              |                |
|--------------|----------------|
| Order number | 177200 400X3,5 |
| GTIN         | 4045197245151  |
| Item class   | 17B            |

## Description

### Version:

**German top quality product.** Precision tooth geometry and very fine ground side faces. Significant increase in service life and protection against edge build-up due to the **nitrided surface**.

### Application:

For low speed machines (approx. 50 rpm).

**Pitch t:** (tooth form).

- **4 mm (BW) – For profiles and pipes with 1.0 – 1.5 mm wall thickness.**
- **5 / 6 mm (HZ) – For medium profiles, pipes and solid bar with 1.5 – 20 mm wall thickness / cross-section.**
- **7 / 8 mm (HZ) – For thick profiles and solid bar up to approx. 50 mm wall thickness / cross-section.**
- **10 – 16 mm (HZ) – For extra thick cross-sections and solid bar more than 50 mm.**

### Note:

- **For stainless steels (such as V2A) the correct cutting speed and lubrication is crucial (see information in the machining handbook No. 110020).**
- **The concentricity and axial run-out values are considerably better than those to DIN 1840, in some cases by up to 50 %.**

## Technical description

|                         |                    |
|-------------------------|--------------------|
| suitable for saw makes  | Eisele             |
| Pitch t                 | 10 mm              |
| Thickness               | 3.5 mm             |
| Ø                       | 400 mm             |
| Bore Ø                  | 40 mm              |
| No. of teeth Z          | 128                |
| Drive hole Ø            | 11 mm              |
| Drive hole pitch circle | 65 mm              |
| Number of drive holes   | 2                  |
| Tool material           | HSS                |
| Through-coolant         | no                 |
| Type of product         | Circular saw blade |

## User data

|                                | Suitability                               | V <sub>c</sub> | ISO code |
|--------------------------------|---|----------------|----------|
| Aluminium (short chipping)     | suitable only under restricted conditions | 800 m/min      | N        |
| Alu > 10% Si                   | suitable only under restricted conditions | 600 m/min      | N        |
| Steel < 500 N/mm <sup>2</sup>  | suitable                                  | 37 m/min       | P        |
| Steel < 750 N/mm <sup>2</sup>  | suitable                                  | 22 m/min       | P        |
| Steel < 900 N/mm <sup>2</sup>  | suitable                                  | 20 m/min       | P        |
| Steel < 1100 N/mm <sup>2</sup> | suitable only under restricted conditions | 15 m/min       | P        |
| INOX < 900 N/mm <sup>2</sup>   | suitable only under restricted conditions | 11 m/min       | M        |
| INOX > 900 N/mm <sup>2</sup>   | suitable only under restricted conditions | 11 m/min       | M        |

|                            |   |           |   |
|----------------------------|---|-----------|---|
| Ti > 850 N/mm <sup>2</sup> | suitable only under restricted conditions | 15 m/min  | S |
| GG(G)                      | suitable                                  | 27 m/min  | K |
| CuZn                       | suitable only under restricted conditions | 400 m/min | N |
| Uni                        | suitable                                  |           |   |
| wet maximum                | suitable                                  |           |   |
| dry                        | suitable only under restricted conditions |           |   |
| Air                        | suitable only under restricted conditions |           |   |