

## Garant

**Carbide-tipped circular saw blade Rake angle positive, Ø×bore: 275X40Mmm**



### Order data

Order number	179600 275X40M
GTIN	4045197095985
Item class	11T

### Description

#### Version:

**High performance toothing with high teeth and lower finishing teeth.** The trapezoidal carbide tips cut easily and generate clean cut surfaces.

#### Advantage:

Particularly suitable for hard anodised profile material.

#### Application:

**On high-speed machines.**

**F = fine tooth pitch** for thin walled profiles or plates up to 5 mm thickness.

**M = medium tooth pitch** for profiles and pipes with greater than 5 mm thickness.

**G = coarse tooth pitch** for solid material such as bars and rods.

**Positive rake angle 5°** for smooth, burr-free cutting on machines with saw blade infeed from below or horizontal. Very suitable for cutting to size, for mitre and ripping cuts on profiles, and for cutting into solid material.

#### Note:

- **Recommended cutting speed: 40 – 80 m/s, for harder materials such as alloys, brass, or bronze it is preferable to use the lowest recommended speed.**
- **Pay special attention to maintaining an even feed rate; this prevents damage.**
- **Additional versions on request.**
- **Further circular saw blades can be found in catalogue volume 2.**

## Technical description

Pitch t	12.3 mm
Thickness	3.2 mm
Ø	275 mm
suitable for saw makes	Eisele
Bore Ø	40 mm
No. of teeth Z	72
Components	Carbide
Number of drive holes	2;4
Drive hole Ø	8;12 mm
Drive hole pitch circle	55;64 mm
Tool material	Carbide
Through-coolant	no
Type of product	Circular saw blade

## User data

	Suitability	V <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable	850 m/min	N
Alu > 10% Si	suitable	650 m/min	N
CuZn	suitable	450 m/min	N
wet minimum	suitable		
dry	suitable		
Air	suitable only under restricted conditions		