

Garant

Carbide-tipped circular saw blade Rake angle negative, Ø×bore: 300X30Fmm


Order data

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|--------------|----------------|
| Order number | 179700 300X30F |
| GTIN | 4045197096159 |
| 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.

Negative rake angle 6° for use on machines with oscillating saw blade infeed from above. Advantageous for thin profiles.

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

| | |
|-------------------------|--------------------|
| suitable for saw makes | Kaltenbach |
| Ø | 300 mm |
| Pitch t | 9.8 mm |
| Bore Ø | 30 mm |
| Thickness | 3.2 mm |
| No. of teeth Z | 96 |
| Components | Carbide |
| Drive hole Ø | 7;11 mm |
| Number of drive holes | 2;2 |
| Drive hole pitch circle | 42;63 mm |
| Tool material | Carbide |
| Through-coolant | no |
| Type of product | Circular saw blade |

User data

| | Suitability | V _c | 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 | | |