



Circular saw blade medium, uncoated, Ø×thickness: 315X3mm



Order data

| | |
|--------------|---------------|
| Order number | 177255 315X3 |
| GTIN | 4067263212065 |
| Item class | 12T |

Description

Version:

Precise format and good quality for a competitive price. **Vaporised surface** protects against edge build-up.

Application:

On 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, tubes and solid material with 1.5 – 20 mm wall thickness or cross-section.**
- **7 / 8 mm (HZ) – For thick profiles and solid materials up to approx. 50 mm wall thickness or cross-section.**
- **10 – 16 mm (HZ) – For extra thick cross-sections and solid material more than 50 mm.**

Note:

Successor product to No. 177250.

- **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 the figures according to DIN 1840, in some cases by up to 50 %.**

Technical description

| | |
|-------------------------|--------------------|
| Number of drive holes | 2; 4 |
| Ø | 315 mm |
| Thickness | 3 mm |
| Drive hole pitch circle | 55; 64 mm |
| No. of teeth Z | 120 |
| Bore Ø | 40 mm |
| suitable for saw makes | Eisele |
| Pitch t | 8 mm |
| Drive hole Ø | 8; 12 mm |
| Coating | uncoated |
| Tool material | HSS |
| Through-coolant | no |
| Type of product | Circular saw blade |

User data

| | Suitability | V _c | 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 ² | suitable | 37 m/min | P |
| Steel < 750 N/mm ² | suitable | 22 m/min | P |
| Steel < 900 N/mm ² | suitable only under restricted conditions | 20 m/min | P |
| 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 |