

**Circular saw blade coarse, Ø×thickness: 275X2,5mm****Order data**

Order number	177450 275X2,5
GTIN	
Item class	12T

Description**Version:**

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

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	Trennjäger
suitable for saw makes	Eisele
Ø	275 mm
Bore Ø	40 mm
Thickness	2.5 mm
Pitch t	8 mm
No. of teeth Z	110
Number of drive holes	2; 4
Drive hole pitch circle	55; 64 mm
Drive hole Ø	8; 12 mm
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