



## Circular saw blade medium, Ø×thickness: 275X2mm



### Order data

Order number	177250 275X2
GTIN	4045197095510
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 %.**

Tool material: HSS

Thickness: 2 mm

Bore Ø: 40 mm  
 No. of teeth Z: 140  
 Pitch t: 6 mm  
 Number of drive holes: 2; 4  
 Drive hole Ø: 8; 12 mm

## Technical description

Pitch t	6 mm
Thickness	2 mm
suitable for saw makes	Eisele
Ø	275 mm
Bore Ø	40 mm
No. of teeth Z	140
Number of drive holes	2; 4
Drive hole pitch circle	55; 64 mm
Drive hole Ø	8; 12 mm
Tool material	HSS
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 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		