Re-Bo

Circular saw blade fine, ∅×thickness: 315X2,5mm

Order data

Order number	177000 315X2,5
GTIN	4045197244963
Item class	17B

Description

Version:
German top quality product. Precision tooth geometry and very fine ground side faces. Significant increase in service life and protection against edge build-up due to the **nitrided surface.**
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

Thickness	2.5 mm
⌀	315 mm
Bore ⌀	40 mm
suitable for saw makes	Eisele
Pitch t	4 mm
No. of teeth Z	220
Drive hole pitch circle	55; 64 mm
Number of drive holes	2; 4
Drive hole ⌀	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/mm²	suitable	37 m/min	P
Steel < 750 N/mm²	suitable	22 m/min	P
Steel < 900 N/mm²	suitable	20 m/min	P
Steel < 1100 N/mm²	suitable only under restricted conditions	15 m/min	P
INOX < 900 N/mm²	suitable only under restricted conditions	11 m/min	M
INOX > 900 N/mm²	suitable only under restricted conditions	11 m/min	M

Ti > 850 N/mm²	suitable only under restricted conditions	15 m/min	S
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		