

**Re-Bo****Metal circular saw blade coarse HZ, uncoated, Ø×thickness: 80X5mm**

## Order data

Order number	176000 80X5
GTIN	4045197244505
Item class	17A

## Description

### Version:

All blades are hollow ground to give side clearance. All sizes with 200 mm Ø and very thin blades have a bore collar for stabilisation. Accuracy, tooth form, and side clearance grinding according to DIN 1840.

**DIN 1838 C coarse-toothed** with curved form C. High performance tooth pitch (HZ) **with high teeth and lower finishing teeth**. The roughing tooth is 0.15 – 0.30 mm higher than the finishing tooth and is chamfered at both tooth corners. In this way both types of teeth share the cutting work.

### Application:

Particularly suitable for cutting workpieces with low to medium tensile strength. High cutting performance due to the chip breaking tooth form.

**Please note:** If the component is not cut through, but only cut into, the bottom of the cut will have an additional slot due to the projecting high tooth.

### Note:

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

Bore Ø	22 mm
Ø	80 mm
Thickness	5 mm
No. of teeth Z	32
Coating	uncoated
Tool material	HSS
Standard	DIN 1838
Through-coolant	no
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	20 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable only under restricted conditions	15 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	11 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable only under restricted conditions	11 m/min	M
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