Re-Bo

Metal circular saw blade coarse HZ, uncoated, ∅×thickness: 80X2mm

Order data

Order number	176000 80X2
GTIN	4045197244468
Item class	17A

Description

Version:
All blades are hollow ground to give side clearance. All sizes with 200 mm ∅ 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

Thickness	2 mm
Ø	80 mm
Bore Ø	22 mm
No. of teeth Z	40
Coating	uncoated
Tool material	HSS
Standard	DIN 1838
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
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