

Re-Bo
Metal circular saw blade coarse HZ, uncoated, Ø×thickness: 80X6mm


Order data

| | |
|--------------|---------------|
| Order number | 176000 80X6 |
| GTIN | 4045197244512 |
| 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

| | |
|-----------------|--------------------|
| Thickness | 6 mm |
| Bore Ø | 22 mm |
| Ø | 80 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 _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 | 20 m/min | P |
| Steel < 1100 N/mm ² | suitable only under restricted conditions | 15 m/min | P |
| INOX < 900 N/mm ² | suitable only under restricted conditions | 11 m/min | M |
| INOX > 900 N/mm ² | 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 |