

# PRODUCT INFO

**LEUCO**  
MAGENTIFY WOOD PROCESSING

## „DIACURVE” nesting cutter Perfect cut, easy to handle

**LEUCO**  
*DIACURVE*

With its full-length curved diamond cutting edges and large chip spaces, the DIACURVE nesting cutter delivers high cutting quality without chip jams. The DIACURVE range is available with two slim diameters of 12 mm with Z2, Z3 and Z4, as well as with diameters  $\frac{3}{8}$ " and Z3.

### Benefit from

- | Large full-length chip spaces
  - ▶ Greater chip volume possible
- | Full-length diamond cutting edges
  - ▶ No optical overcuts, perfect cover layers
- | More teeth with smaller diameters -
  - ▶ Higher feed rates
- | Technical coating
  - ▶ Reduces friction
- | Low purchase price
- | Constant diameter
  - ▶ Single-use tool, no resharpening, no changes in the tool tool database necessary



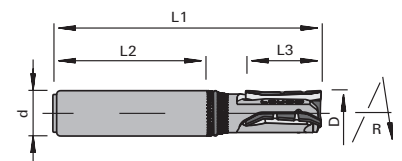
### DIACURVE nesting cutter program

| øD   | øD            | L2   | ød   | L3   | L1   | Z | H     | Ident-No. |
|------|---------------|------|------|------|------|---|-------|-----------|
| 12   |               | 16   | 12   | 40   | 65   | 2 | 12-15 | 187687    |
| 12   |               | 20   | 12   | 40   | 70   | 3 | 16-19 | 187688    |
| 12   |               | 20   | 12   | 40   | 70   | 4 | 16-19 | 187689    |
| 12   |               | 26   | 12   | 40   | 75   | 3 | 22-25 | 187690    |
|      | $\frac{3}{8}$ | 20   | 12   | 40   | 70   | 3 | 16-19 | 187691    |
| [mm] | [Zoll]        | [mm] | [mm] | [mm] | [mm] |   | [mm]  |           |

#### Notes:

Select the cutting length based on the panel thickness (H). Z2 for solid wood with DP cutting edge for plunging at an angle. Non-resharpenable single-use tool.

Clamping devices: Use in high-precision clamping devices recommended (e.g. TRIBOS, ps system)



### Application

- | The most reliable nesting cutter for chipboard, MDF, multiplex and solid wood. Recommended application parameters:

| øD   | Z   | H     | vf    |
|------|-----|-------|-------|
| 12   | Z=2 | 12-15 | 6-15  |
| 12   | Z=3 | 16-19 | 11-21 |
| 12   | Z=4 | 16-19 | 16-29 |
| 12   | Z=3 | 22-25 | 9-19  |
| [mm] |     | [mm]  | m/min |



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## „DIACURVE“ nesting cutter Innovative nesting technology in detail

**LEUCO**  
*DIACURVE*

Instead of many small diamond-tipped individual cutting edges, LEUCO uses full-length diamond cutting edges in an arc shape with the DIACURVE nesting cutter.

With fewer diamond tablets and two alternating axis angles per cutting edge, the milling cutter achieves precise and tear-free results without overcuts.

The arc-shaped cutting edges and its overall design underline the innovative and patent-pending design at first glance.



Innovative nesting technology and sustainable casing: The DIACURVE nesting cutter from LEUCO has a full-length, arc-shaped cutting edge and packaging made from recycled material.

## INNOVATION: MAKE 1 INSTEAD OF 4

