

# » drebojet®-plus « (Pat. pending) *Precision Dressing Rolls*



**WOW!**  
... another  
innovation from  
**LACH**  
**DIAMANT**



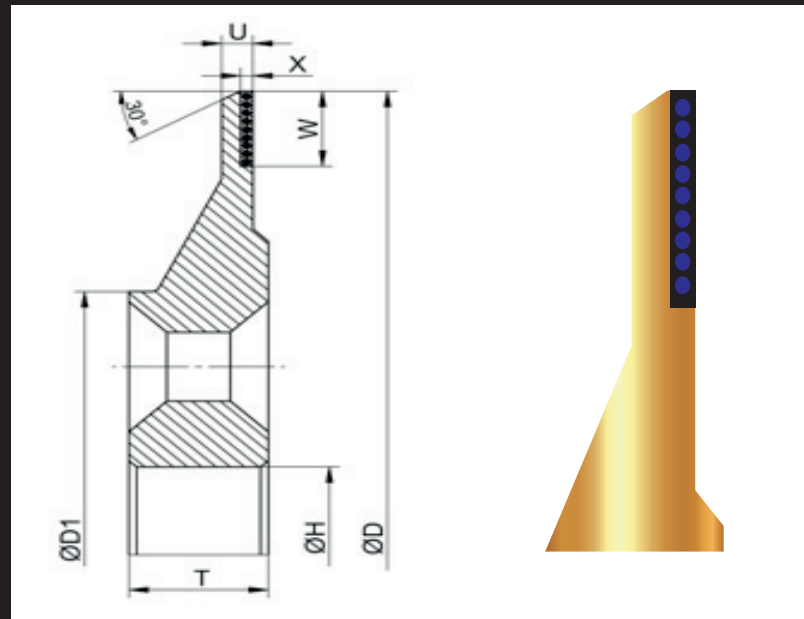
## *The new Dimension for Contour-Controlled Dressing*

- Constant effective width throughout tool life
- No re-profiling

# »drebojet®-plus« Precision Diamond Dressing Rolls

Pat. pending

**the new dimension for contour-controlled dressing –  
constant effective width throughout tool life – no re-profiling**



## »drebojet®-plus«

### Type 100

Diamond plated on one side

| Order Code/Art. No. | ØD  | W | x               | U         | ØH  | T   | ØD1 | Grinding Machine** |
|---------------------|-----|---|-----------------|-----------|-----|-----|-----|--------------------|
| 55 000 101          | 100 | 5 | 0,6             | 1,6       | (*) | (*) | 70  | Universal Use      |
| 55 000 103          | 120 | 5 | 0,6             | 1,6       | (*) | (*) | 90  | Universal Use      |
| 55 000 105          | 150 | 5 | 0,6             | 1,6       | (*) | (*) | 90  | Universal Use      |
| 55 000 107          | 150 | 5 | 0,8             | 2,0       | (*) | (*) | 90  | Universal Use      |
| 55 000 109          | 100 | 5 | 0,5 / 0,6 / 0,8 | 1,6 / 2,0 | 40  | 12  | 70  | Studer             |
| 55 000 111          | 110 | 5 | 0,4 / 0,6       | 1,6 / 2,0 | 75  | 10  | 80  | Junker             |
| 55 000 113          | 110 | 5 | 0,8             | 2         | 75  | 11  | 80  | Junker             |
| 55 000 115          | 130 | 5 | 0,6             | 1,6       | 50  | 12  | 100 | Schautd            |
| 55 000 117          | 140 | 5 | 0,6 / 0,8       | 1,6 / 2,0 | 50  | 12  | 110 | Schautd            |
| 55 000 119          | 150 | 5 | 0,4 / 0,6       | 1,6 / 2,0 | 52  | 19  | 120 | Landis             |
| 55 000 121          | 120 | 5 | 0,4             | 1,6       | 52  | 19  | 90  | Landis             |

\*Other versions upon request

#### Recommended Use

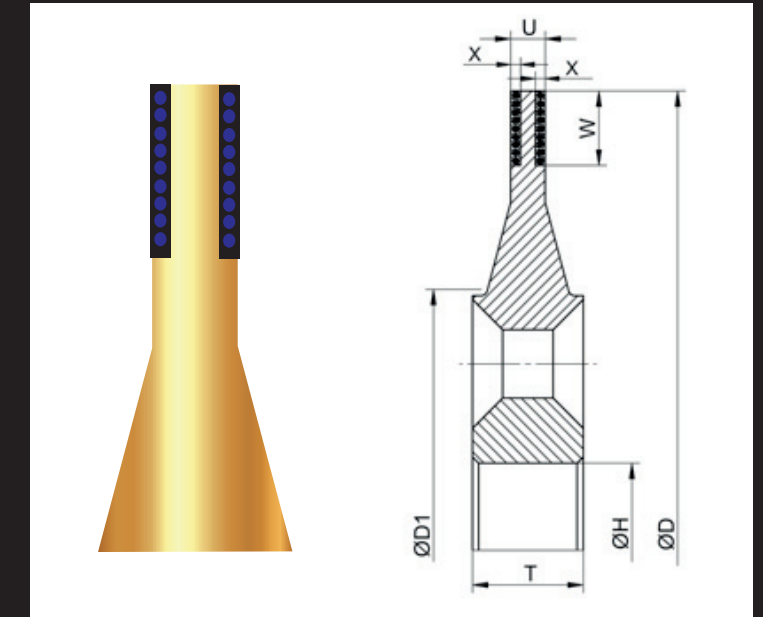
Universal use – for the contour-controlled profiling of CBN and conventional grinding wheels in ceramic bond.  
Dressing of diamond grinding wheels in ceramic bond upon request

Especially recommended for the dressing of straight and profiled ceramic CBN grinding wheels for mass production

#### Example:

Grinding of camshafts, crankshafts or rotating cutting tools, and for the contour-controlled dressing/profiling of conventional grinding wheels.

- ◆ Flexible use – straight or complex contours
- ◆ Precision – reproducible due to constant effective width
- ◆ »drebojet®-plus« (Pat. pending) with extreme wear resistance due to new technology and special binder - superior to conventional rolls



## »drebojet®-plus«

### Type 200

Diamond plated on two sides

| Order Code/Art. No. | ØD  | W | x   | U   | ØH  | T   | ØD1 | Grinding Machine** |
|---------------------|-----|---|-----|-----|-----|-----|-----|--------------------|
| 55 000 201          | 120 | 8 | 0,6 | 3,2 | (*) | (*) | 90  | Universal Use      |
| 55 000 205          | 150 | 8 | 0,6 | 3,2 | (*) | (*) | 120 | Universal Use      |
| 55 000 210          | 150 | 5 | 0,5 | 3   | 56  | 50  | 120 | Naxos              |

\*Other versions upon request

#### Recommended Use

Universal use – for the contour-controlled dressing of straight and very wide CBN and conventional grinding wheels in ceramic bond.

#### \*\*Special Note for Type 100 + 200

Tool body/bore measurements can be different depending on machine and will be adapted accordingly.

**»drebojet®-plus« - another innovation from LACH DIAMANT**

# **» drebojet®-plus« Precision Dressing Rolls** **a new dimension for contour-controlled dressing**

drebojet®-plus« precision dressing rolls are the advanced and perfected version of Lach Diamant's »drebojet«® dressing roll introduced at EMO in 1981. At the time, this new development established a new milling technique in the industry.

»drebojet«® mill-dressing rolls from the pioneer times of the early eighties, were at first produced with chip chambers or gaps from "tooth-to-tooth" – much like PCD milling tools. This design led to unacceptable "commas" during the dressing process.

Thanks to modern technologies and advanced know-how, these "gaps" could be eliminated.

Compared to other dressing rolls used for the CNC-dressing of conventional or diamond and CBN grinding wheels in ceramic bond, »drebojet®-plus« precision dressing rolls do not need any sharpening or regrinding.



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**- another**  
**innovation from**  
**LACH DIAMANT**

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