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Kimura et al.

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(54) **SPEED REDUCER**

(71) Applicant: **HARMONIC DRIVE SYSTEMS INC., Tokyo (JP)**

(72) Inventors: **Hiroaki Kimura, Azumino (JP); Jun Handa, Azumino (JP); Yoshihide Kiyosawa, Azumino (JP)**

(**) Term: **15 Years**

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(51) **LOC (13) Cl.** **15-99**

(52) **U.S. Cl.**
USPC **D15/149**

(58) **Field of Classification Search**

USPC D15/148-149; D12/180, 400

CPC F02N 15/043; F16C 2240/26; F01M 2013/0088; F03C 1/004; F04B 2203/0605; F04B 2203/1201; G05B 2219/50044; B60G 2400/37; F16D 2127/007; B60T 2260/06

See application file for complete search history.

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(Continued)

Primary Examiner — Mojtaba Tehrani

(57) **CLAIM**

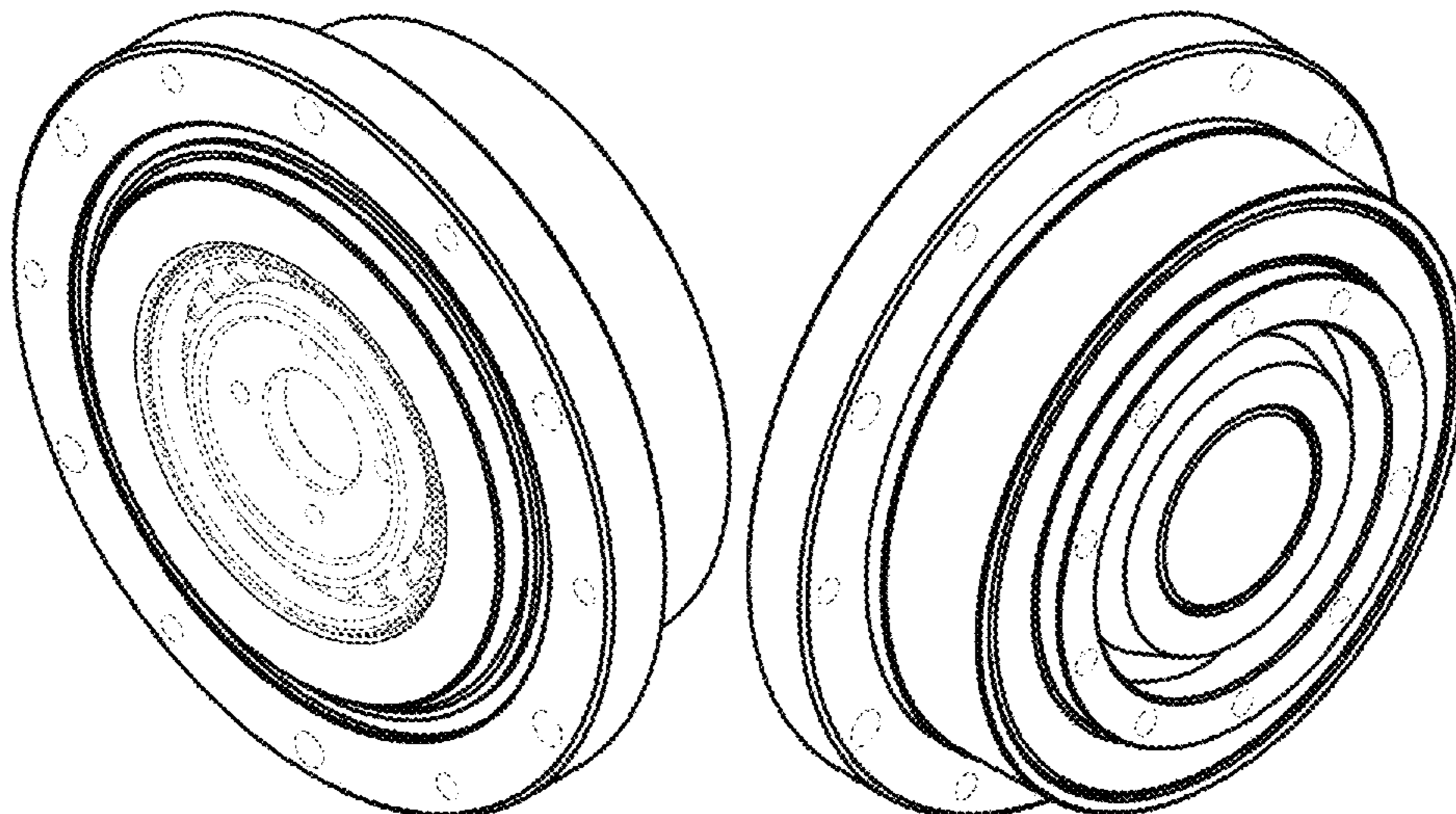
The ornamental design for a speed reducer, as shown and described.

DESCRIPTION

- 1.-2. Speed reducer
- 1.1 : Perspective
- 1.2 : Perspective
- 1.3 : Front
- 1.4 : Back
- 1.5 : Left
- 1.6 : Top
- 2.1 : Perspective
- 2.2 : Perspective
- 2.3 : Front
- 2.4 : Back
- 2.5 : Left
- 2.6 : Top

The parts shown by means of broken lines in the reproductions are not part of the claimed design; the right side view is omitted because it is a mirror image of the left side view; the bottom view is omitted because it is a mirror image of the top view.

1 Claim, 12 Drawing Sheets



(56)

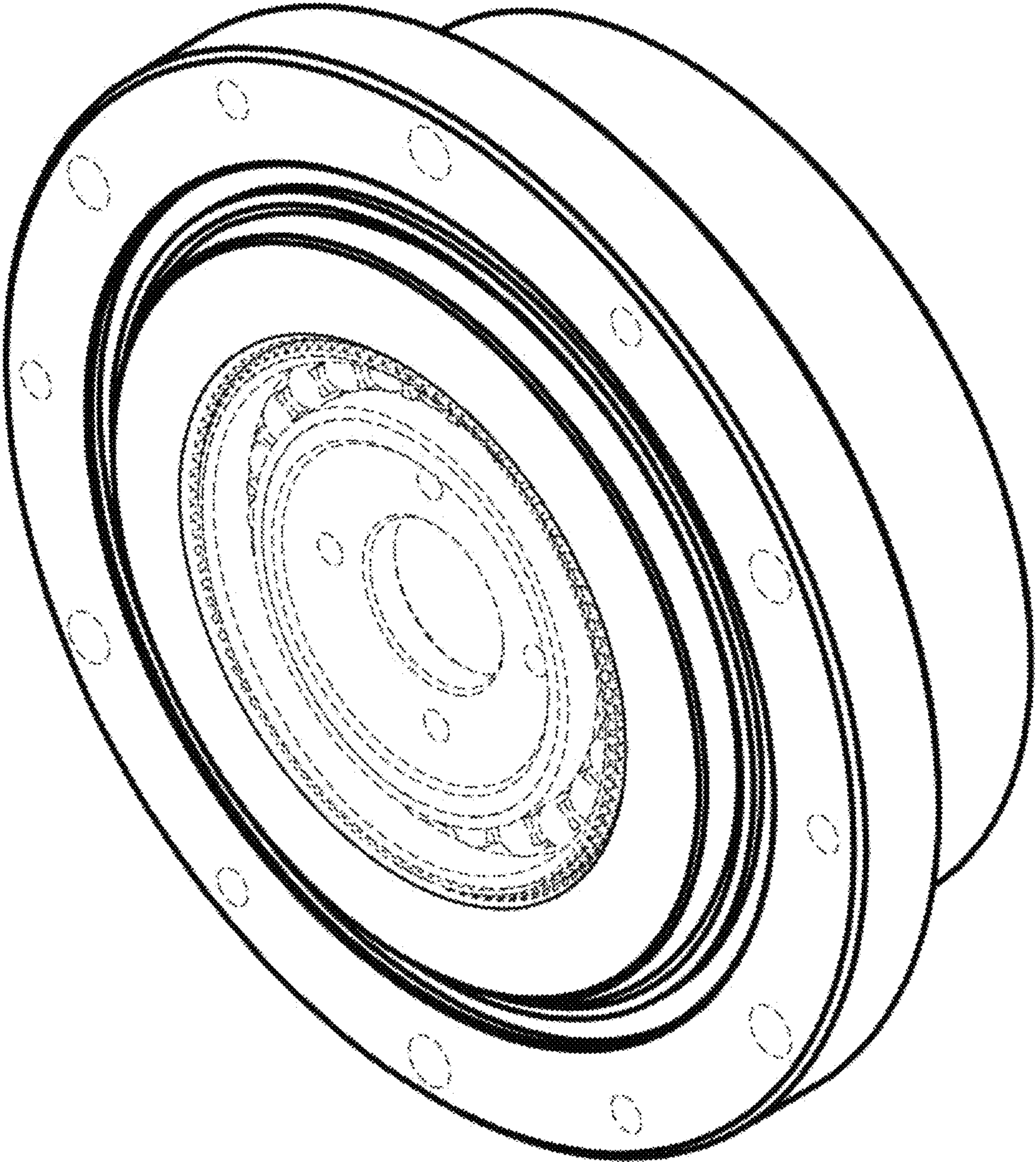
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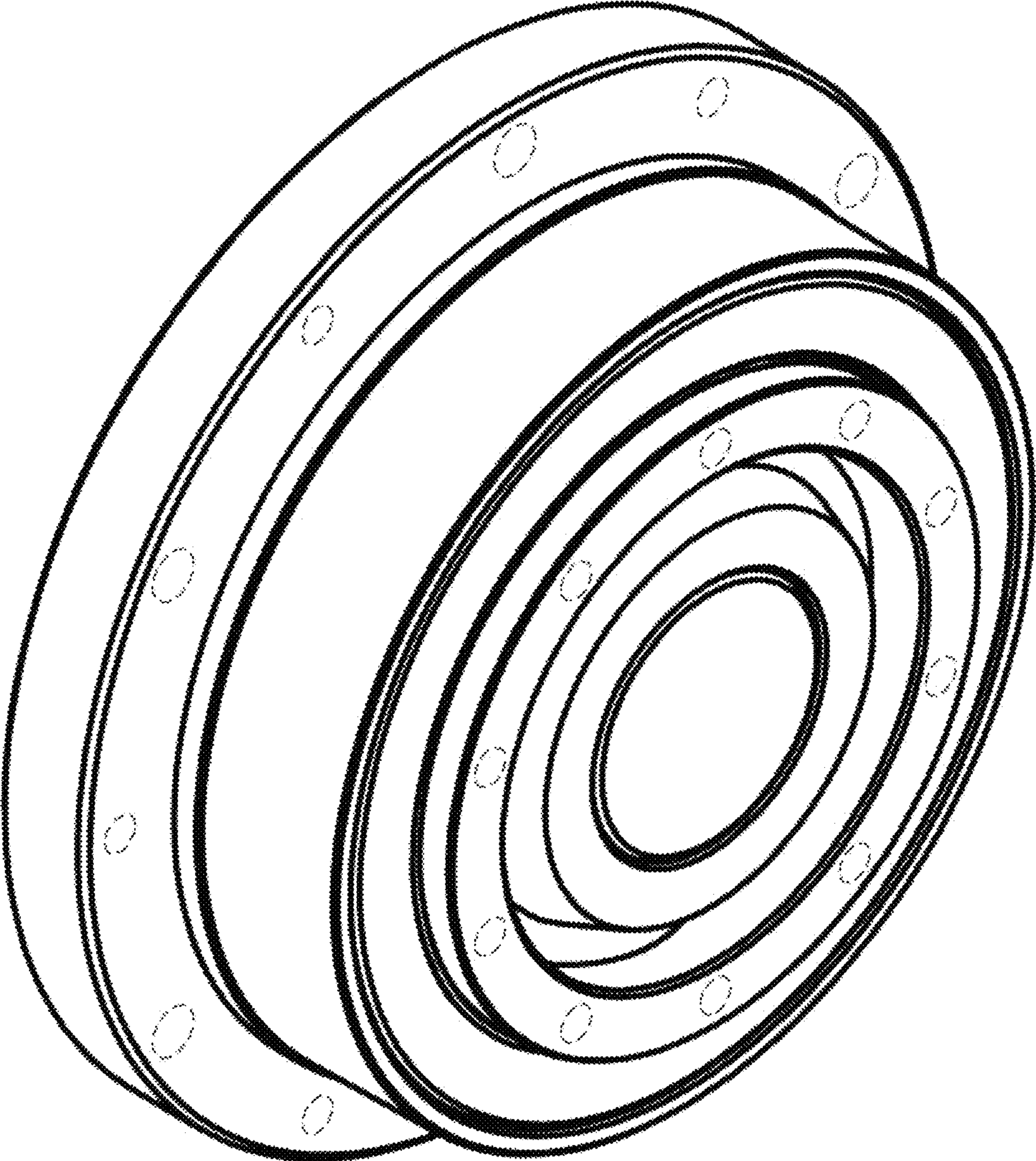
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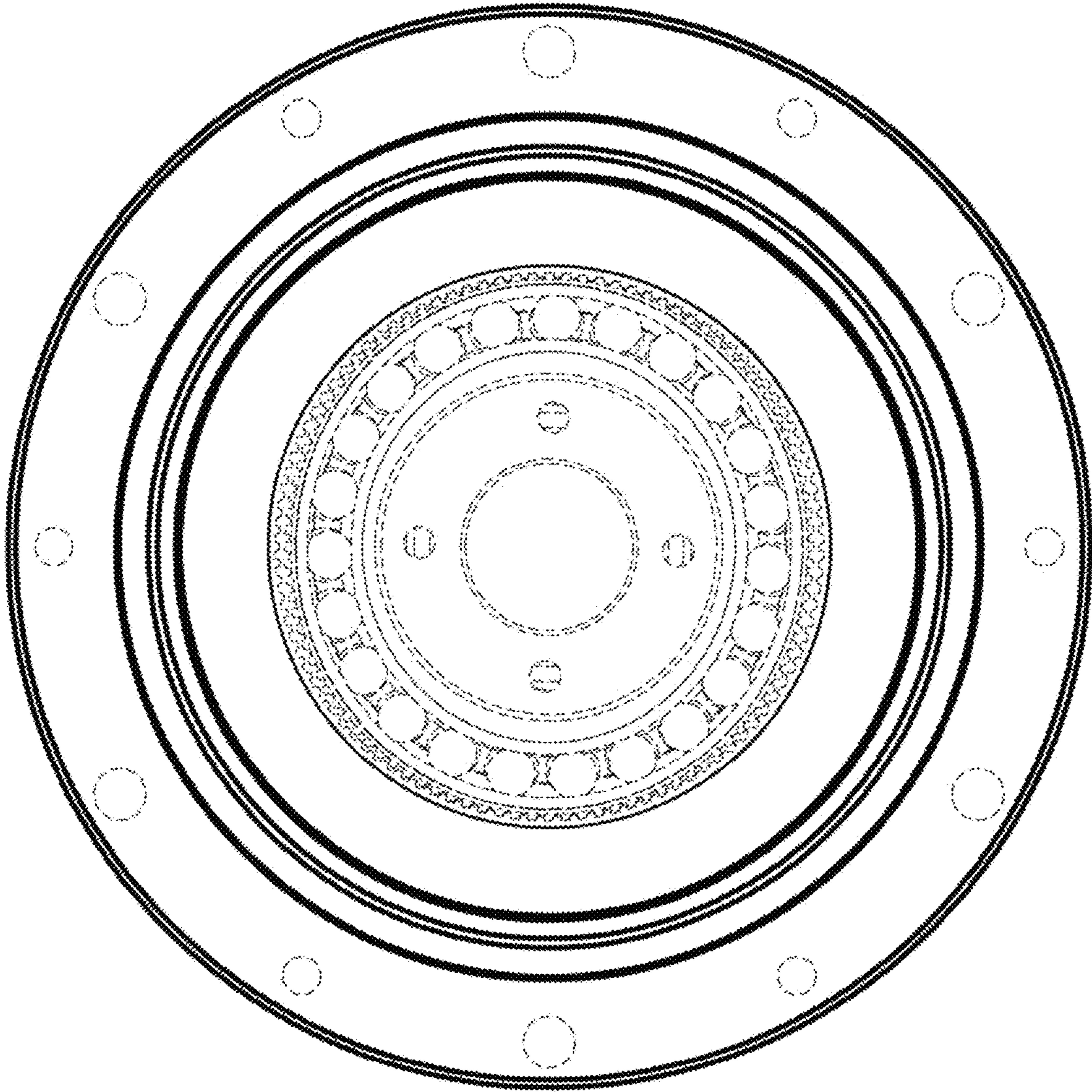
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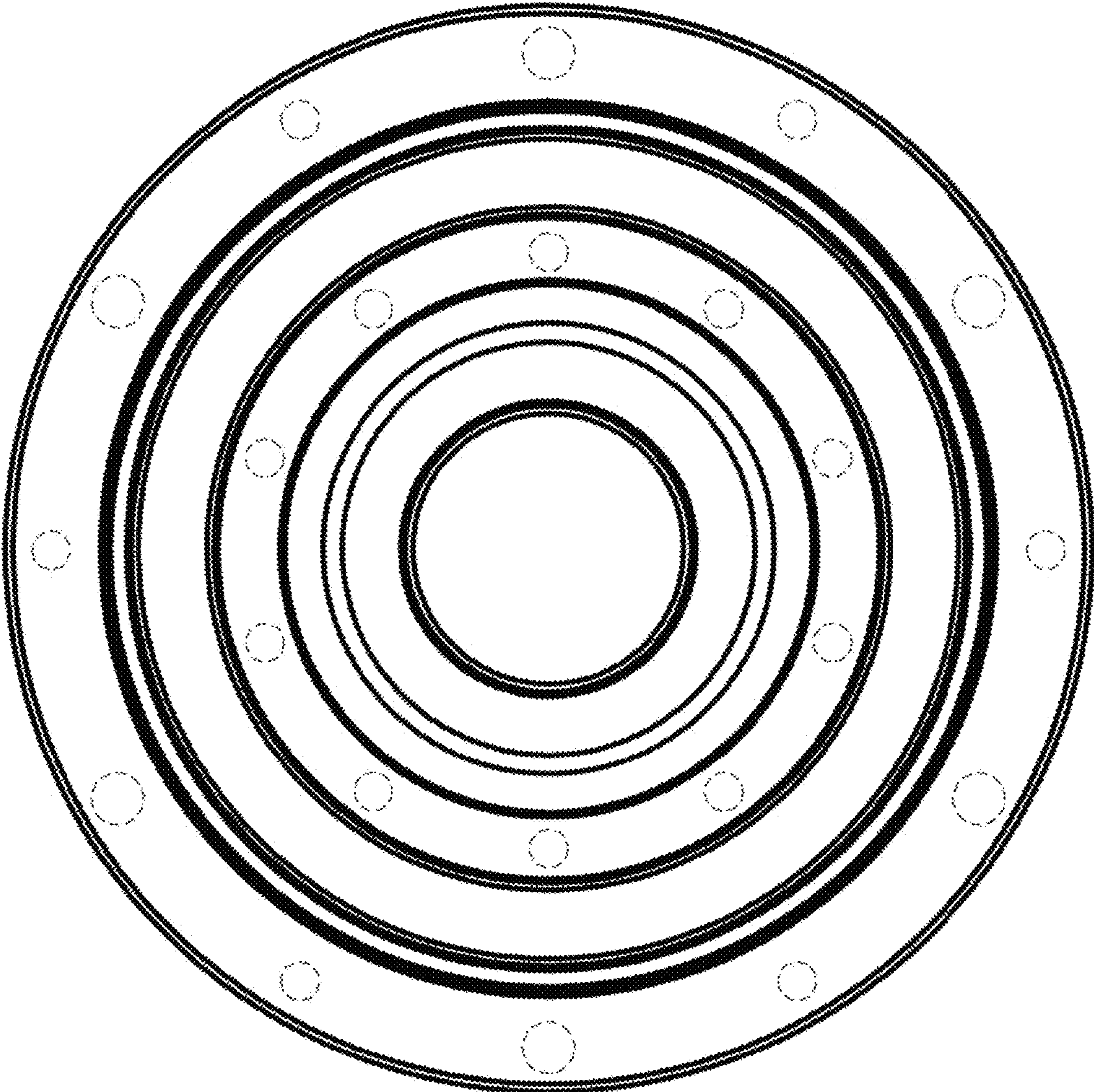
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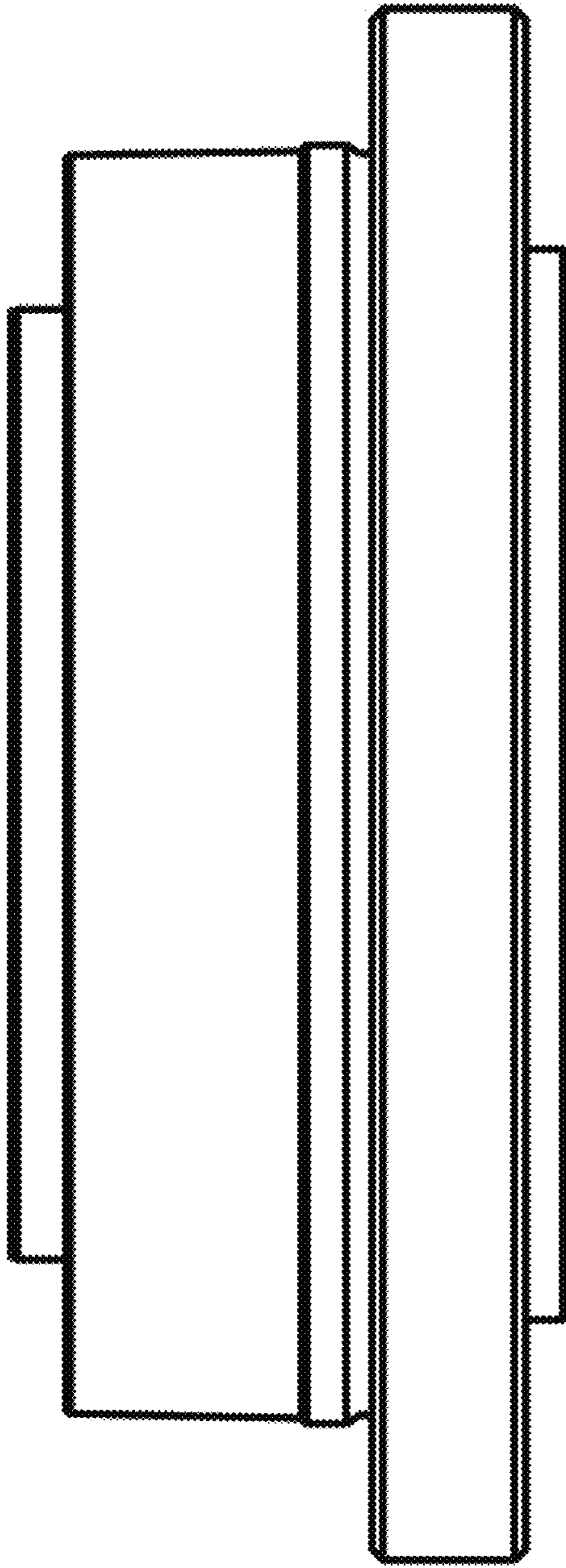
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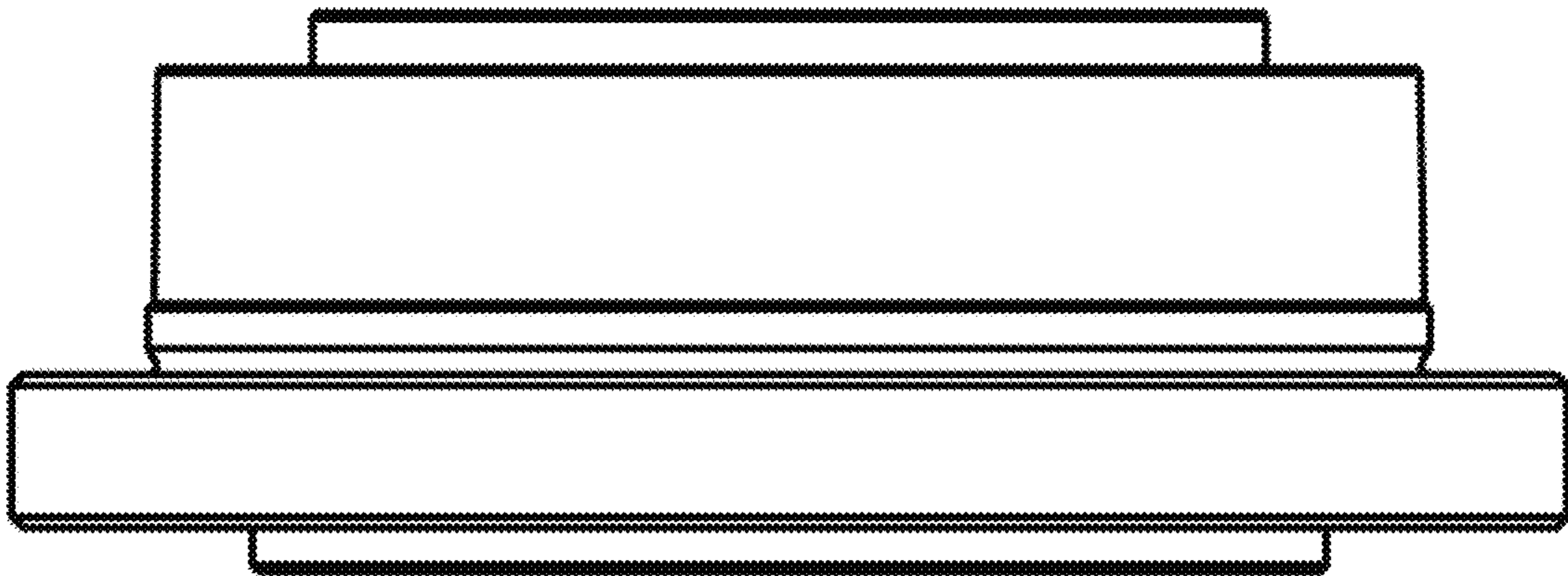
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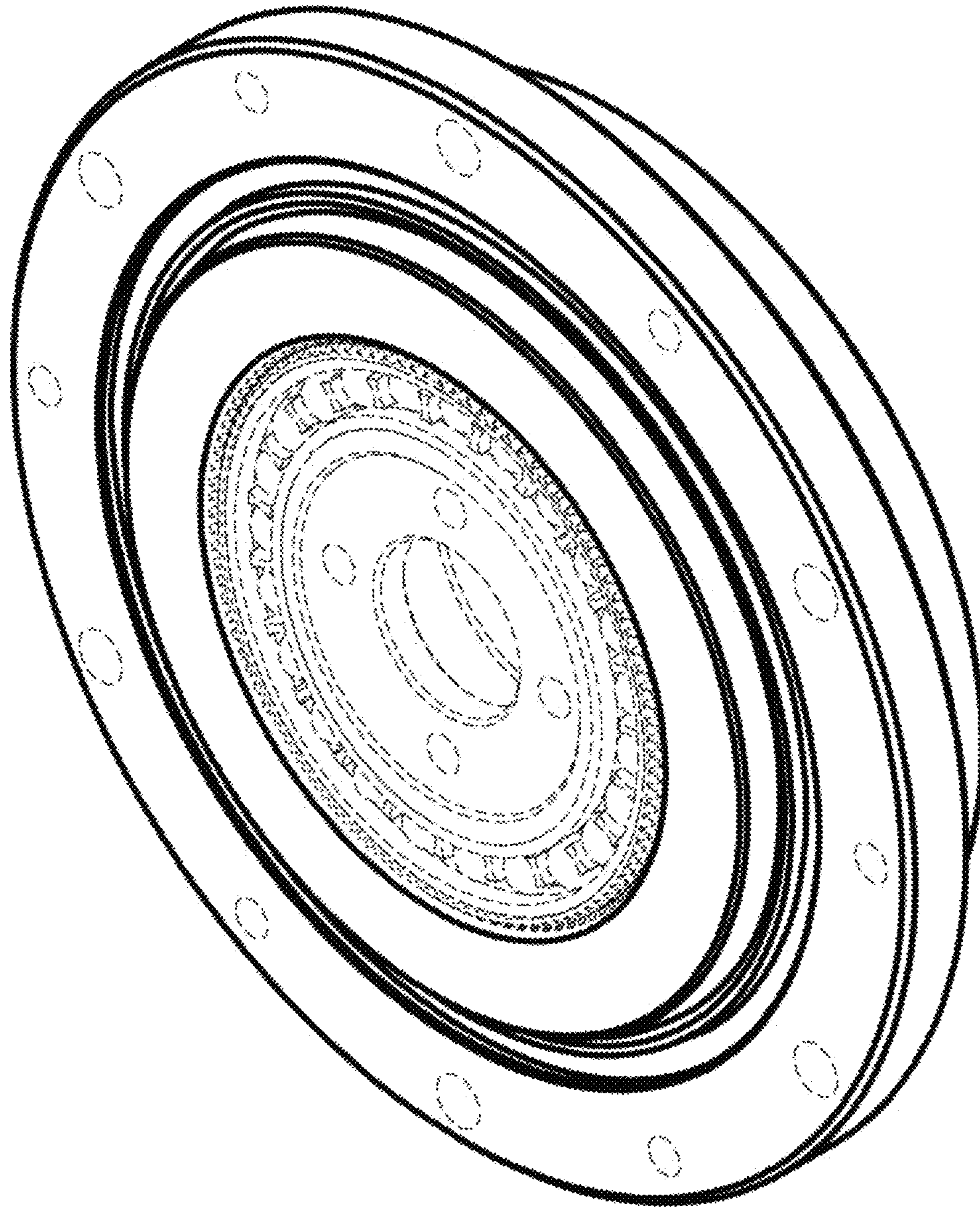
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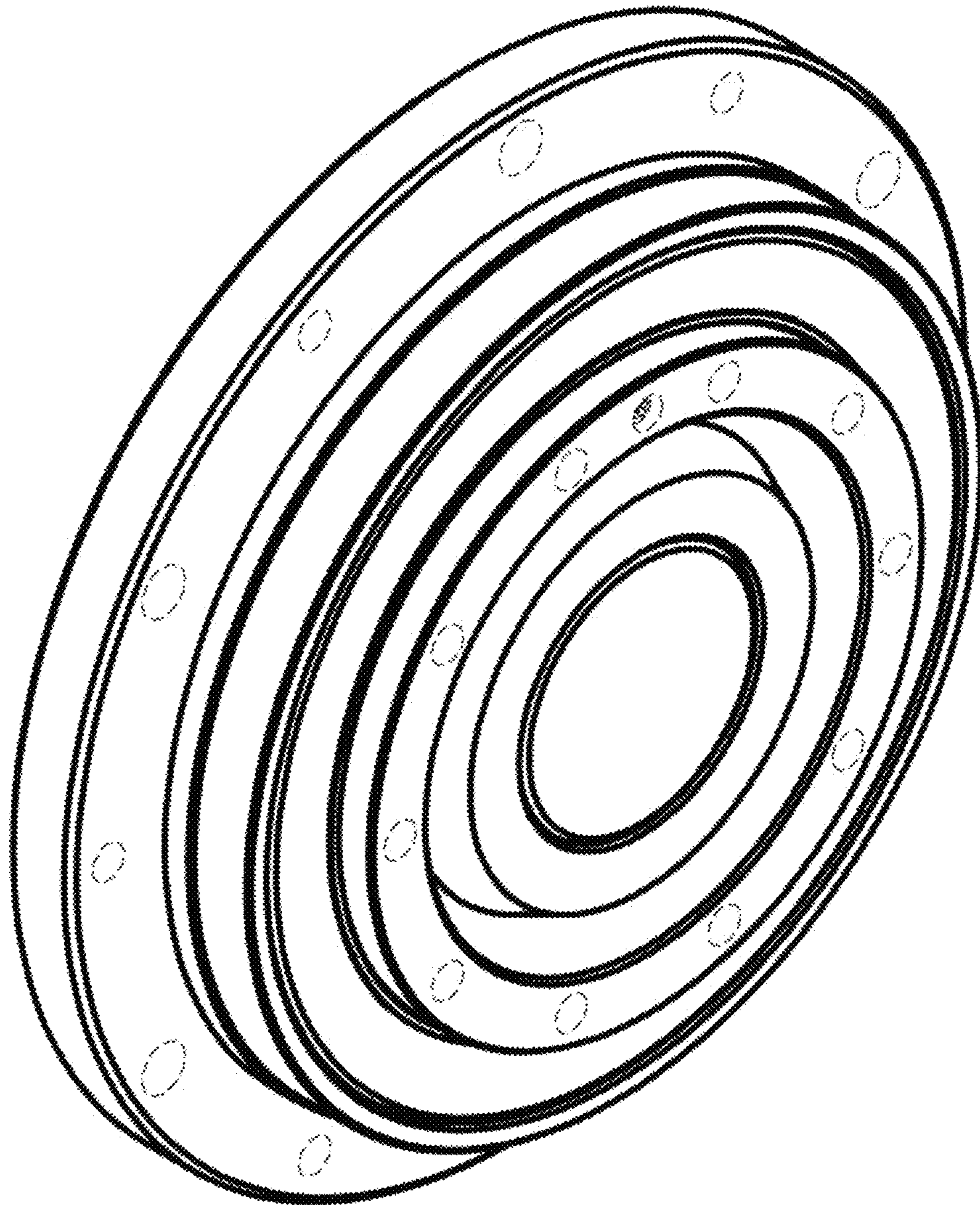
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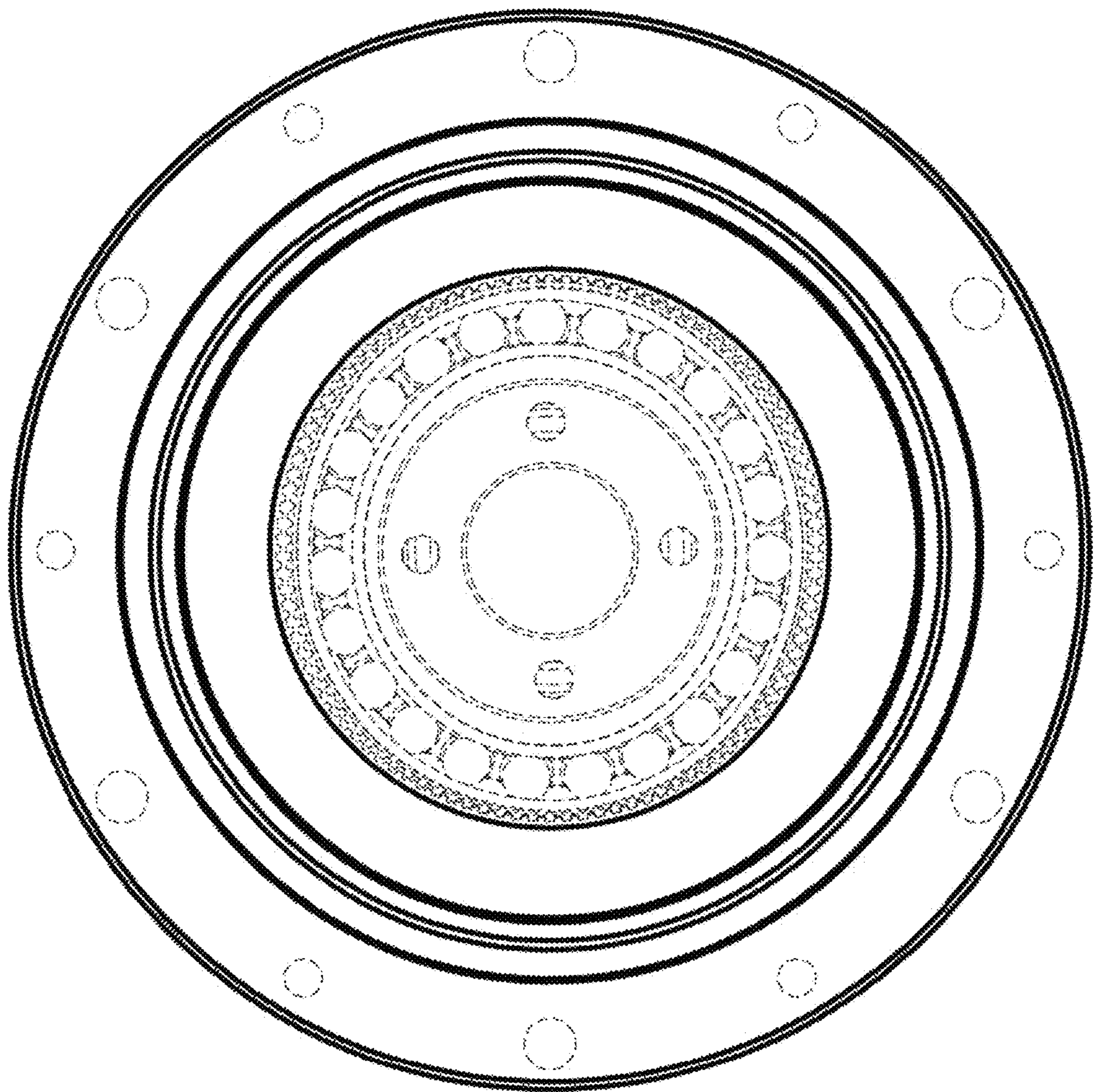
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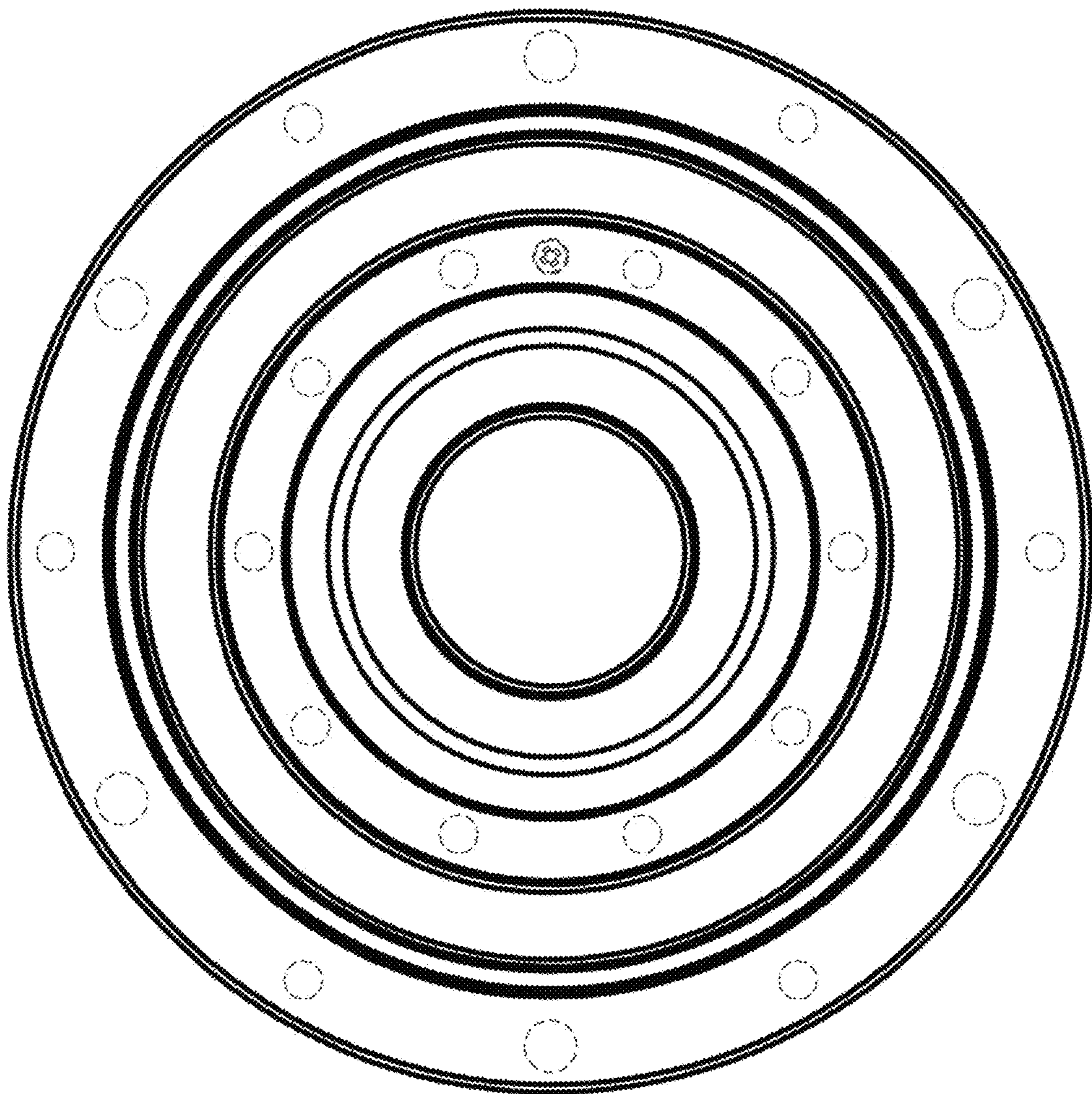
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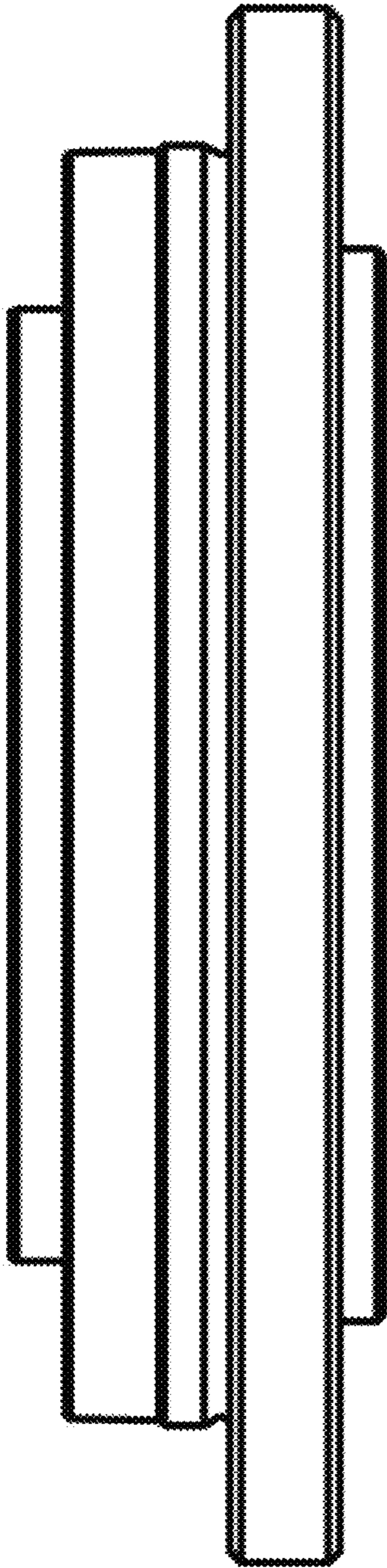
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2.4



2.5



2.6

