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(12) **United States Design Patent**
Kufner et al.

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(45) **Date of Patent:** **** May 19, 2020**

(54) **ELECTRICAL CONTACT ELEMENT**

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CONNECTORS AG, Allschwil (CH)

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(Continued)

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

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(21) Appl. No.: **29/641,184**

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(22) Filed: **Mar. 20, 2018**

(57) **CLAIM**

Related U.S. Application Data

The ornamental design for an electrical contact element, as shown and described.

(62) Division of application No. 29/585,526, filed on Nov. 25, 2016, now Pat. No. Des. 830,974.

DESCRIPTION

(30) **Foreign Application Priority Data**

May 25, 2016 (WO) 967583401

(51) **LOC (12) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/154**

(58) **Field of Classification Search**
USPC D12/180; D13/101, 102, 103, 107, 112,
D13/114, 115, 116, 118, 122, 125, 133,
(Continued)

FIG. 1 is a perspective view of a first embodiment of an electrical contact element showing our new design;
FIG. 2 is a top view thereof;
FIG. 3 is a bottom view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a rear view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a left side view thereof;
FIG. 8 is an alternative view of the first embodiment of an electrical contact element with ends unconnected;
FIG. 9 is a perspective view of a second embodiment of an electrical contact element showing our new design;
FIG. 10 is a top view thereof;
FIG. 11 is a bottom view thereof;
FIG. 12 is a front view thereof;
FIG. 13 is a rear view thereof;
FIG. 14 is a right side view thereof;
FIG. 15 is a left side view thereof; and,
(Continued)

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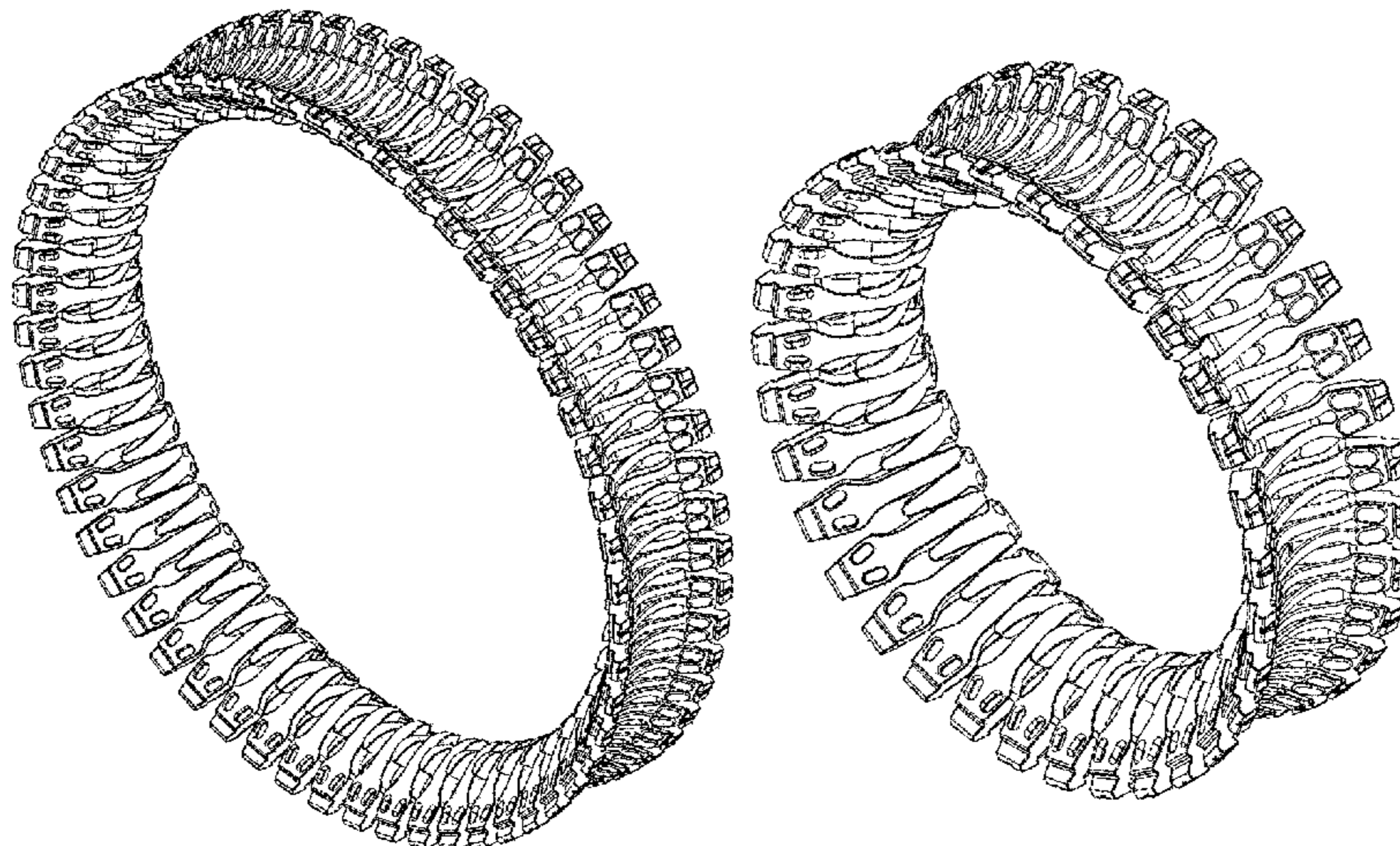


FIG. 16 is an alternative view of the second embodiment of an electrical contact element with ends unconnected.

1 Claim, 10 Drawing Sheets

(58) **Field of Classification Search**

USPC D13/162.1, 184, 199; D14/188;
D23/315, 356, 377; D25/35; D32/17,
D32/68, 70, 71, 73
CPC H01L 2224/05638; H01L 21/4889; H01R
12/721; H01R 13/639; H01R 13/187;
C22F 1/04; B23K 20/004; H05K 3/4015;
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See application file for complete search history.

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Fig. 1

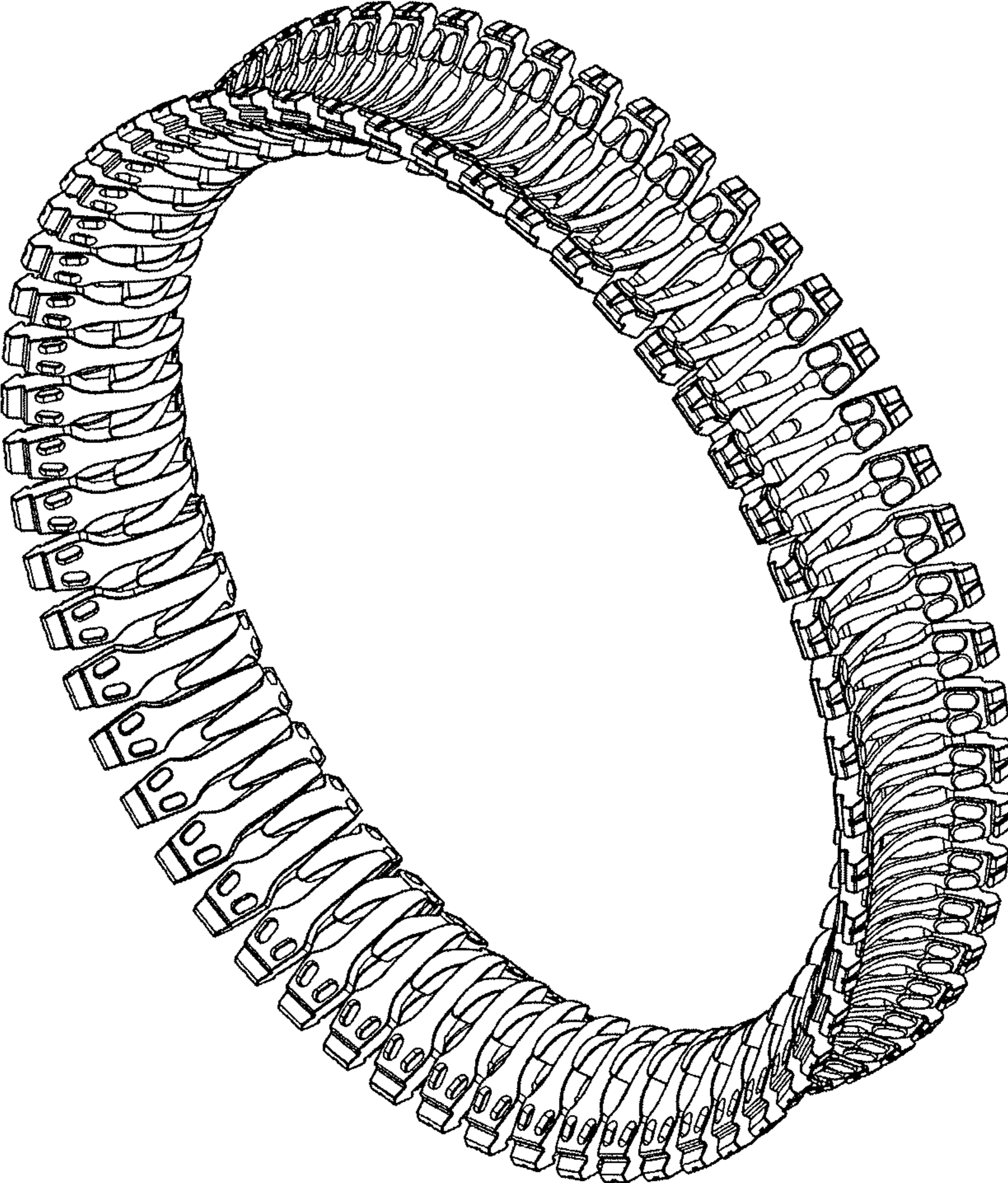


Fig. 2

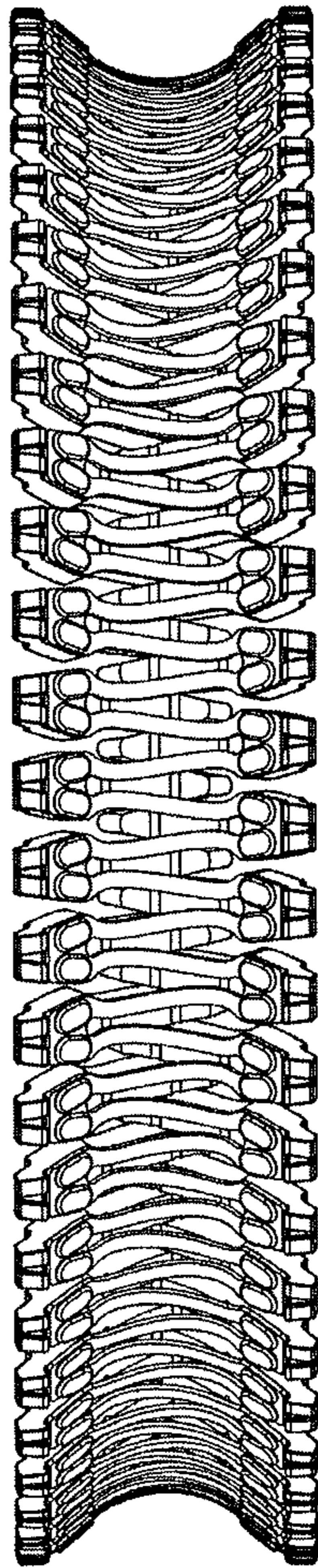


Fig. 3

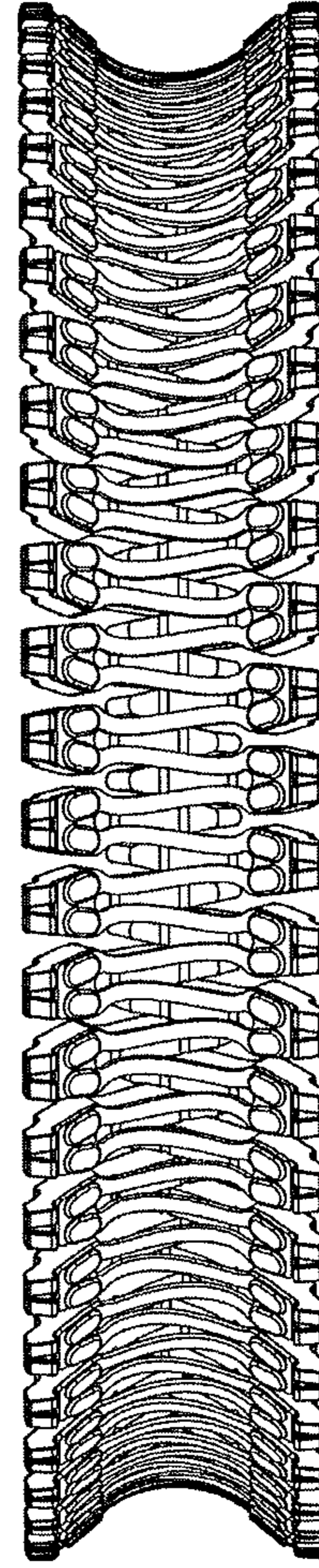


Fig. 4

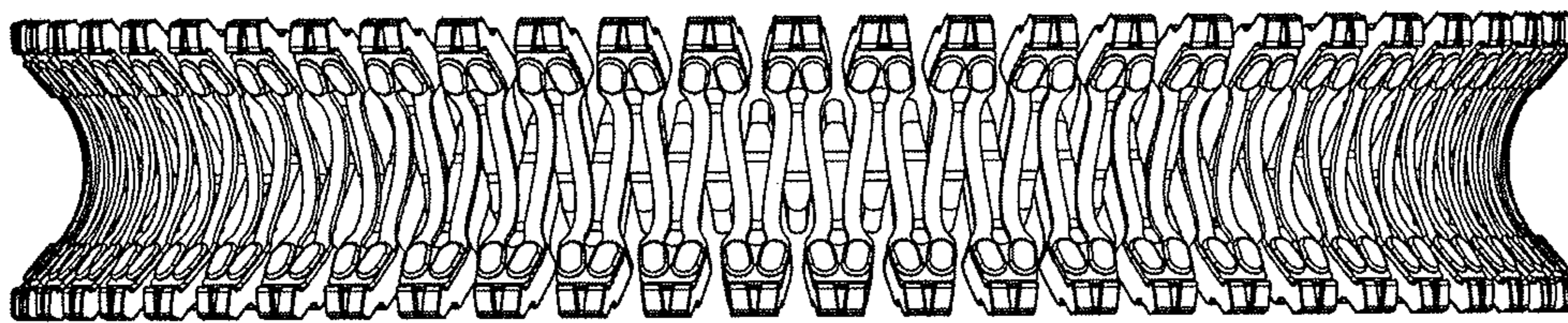


Fig. 5

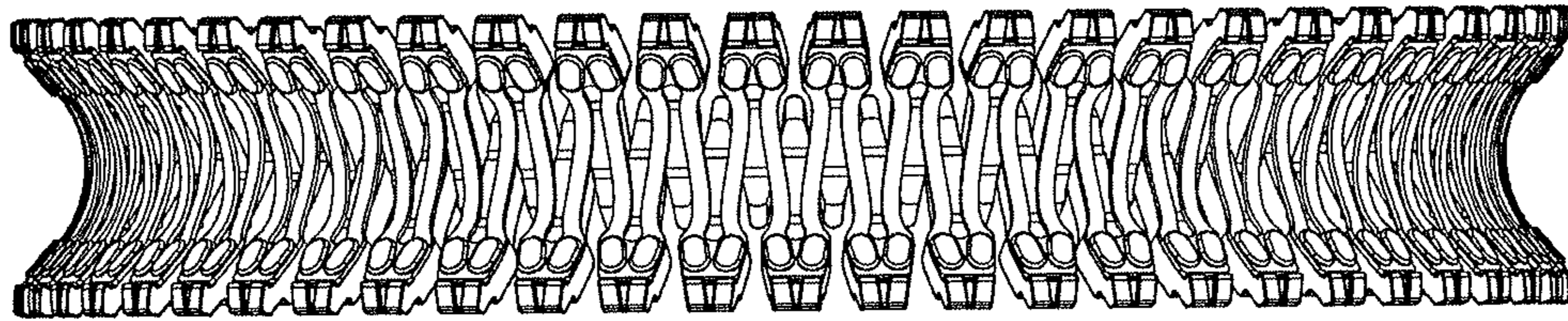


Fig. 6

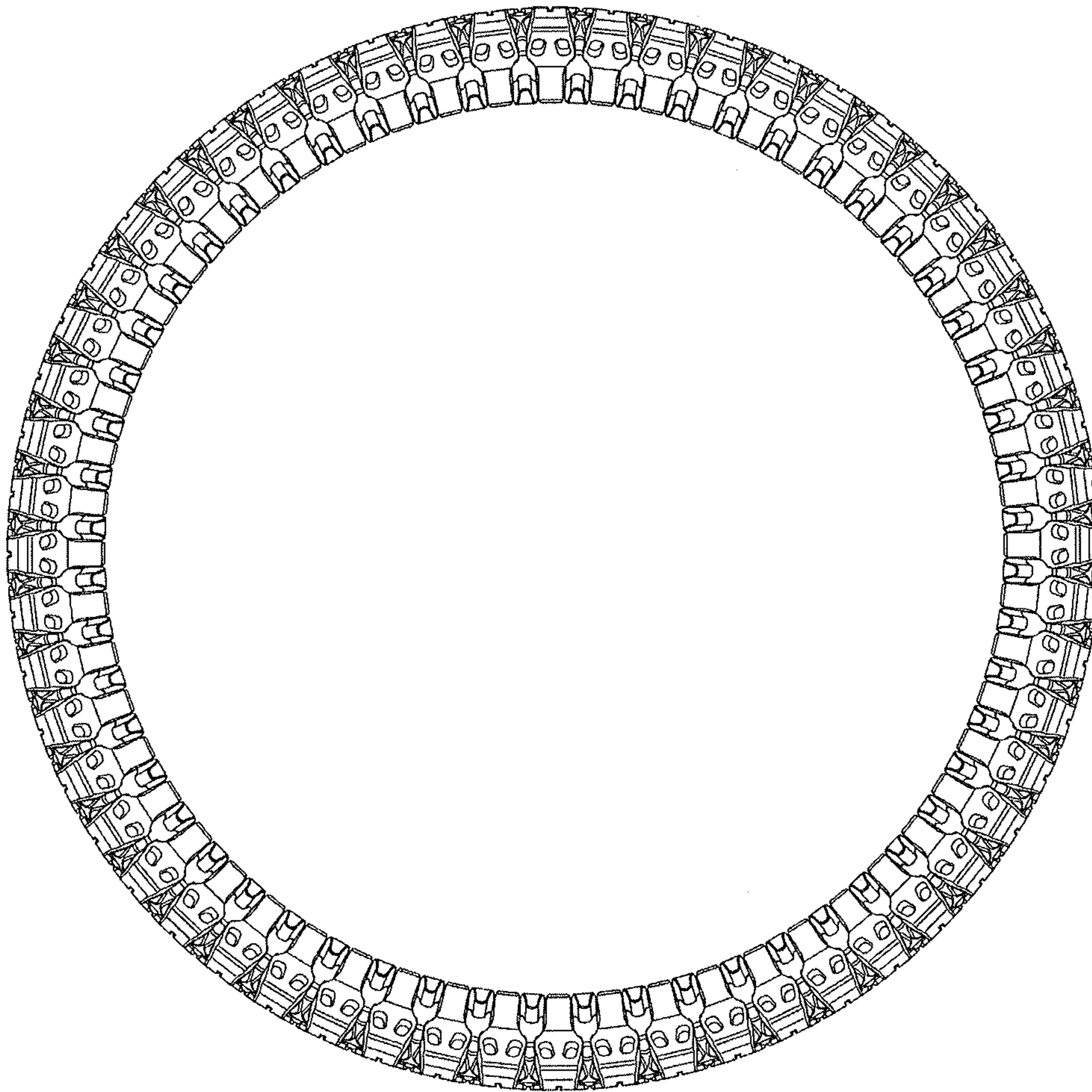


Fig. 7

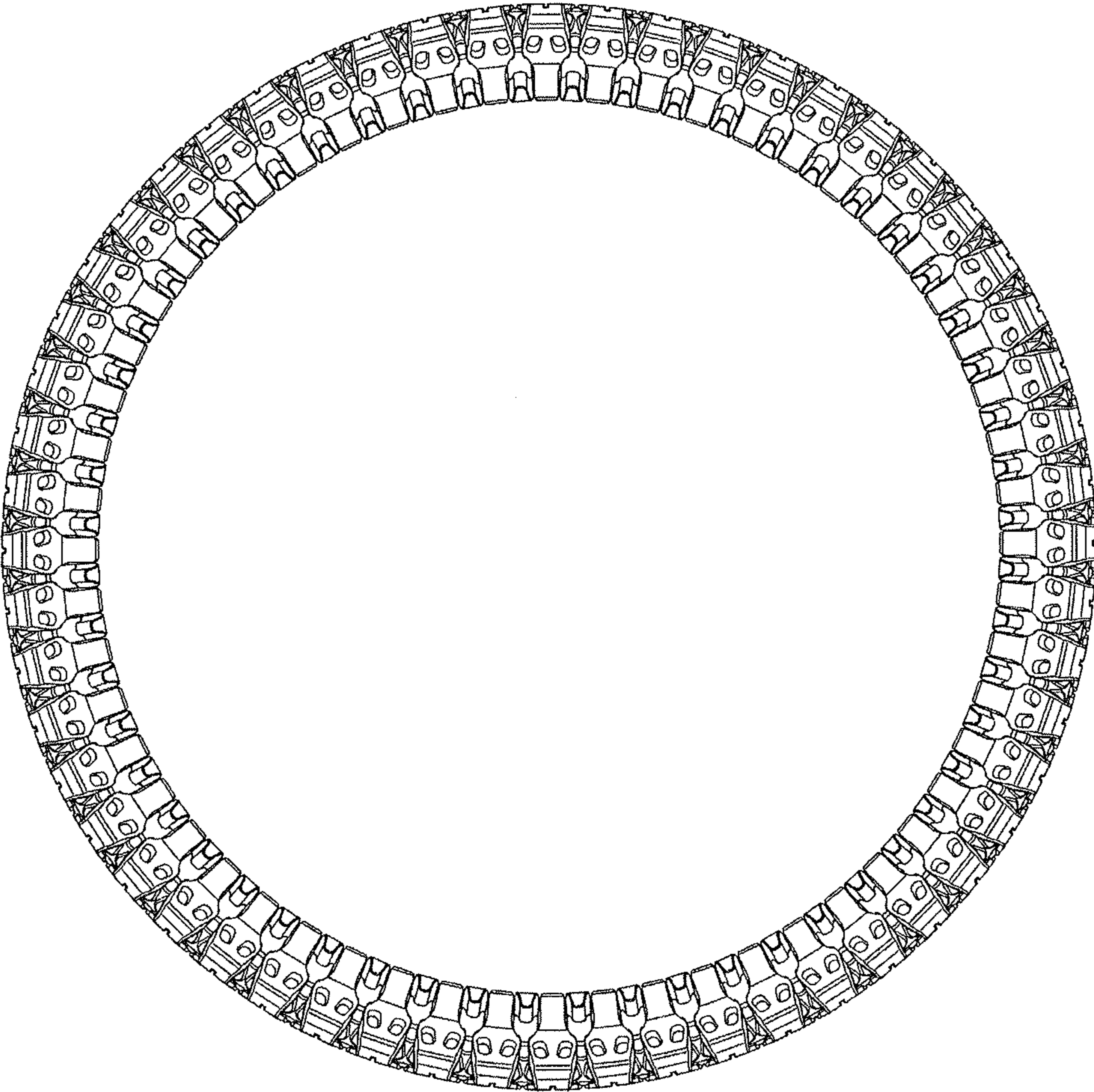


Fig. 8

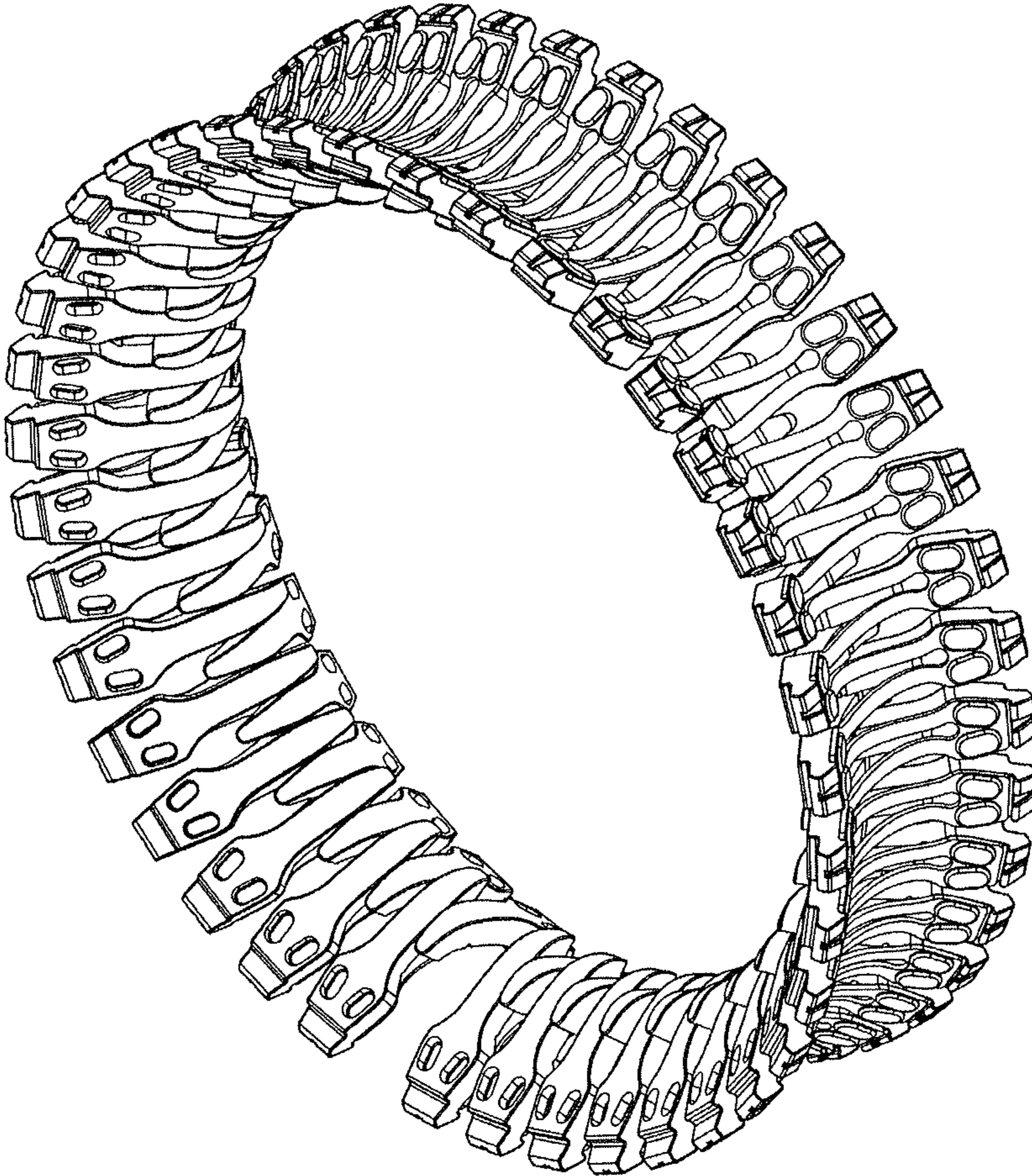


Fig. 9

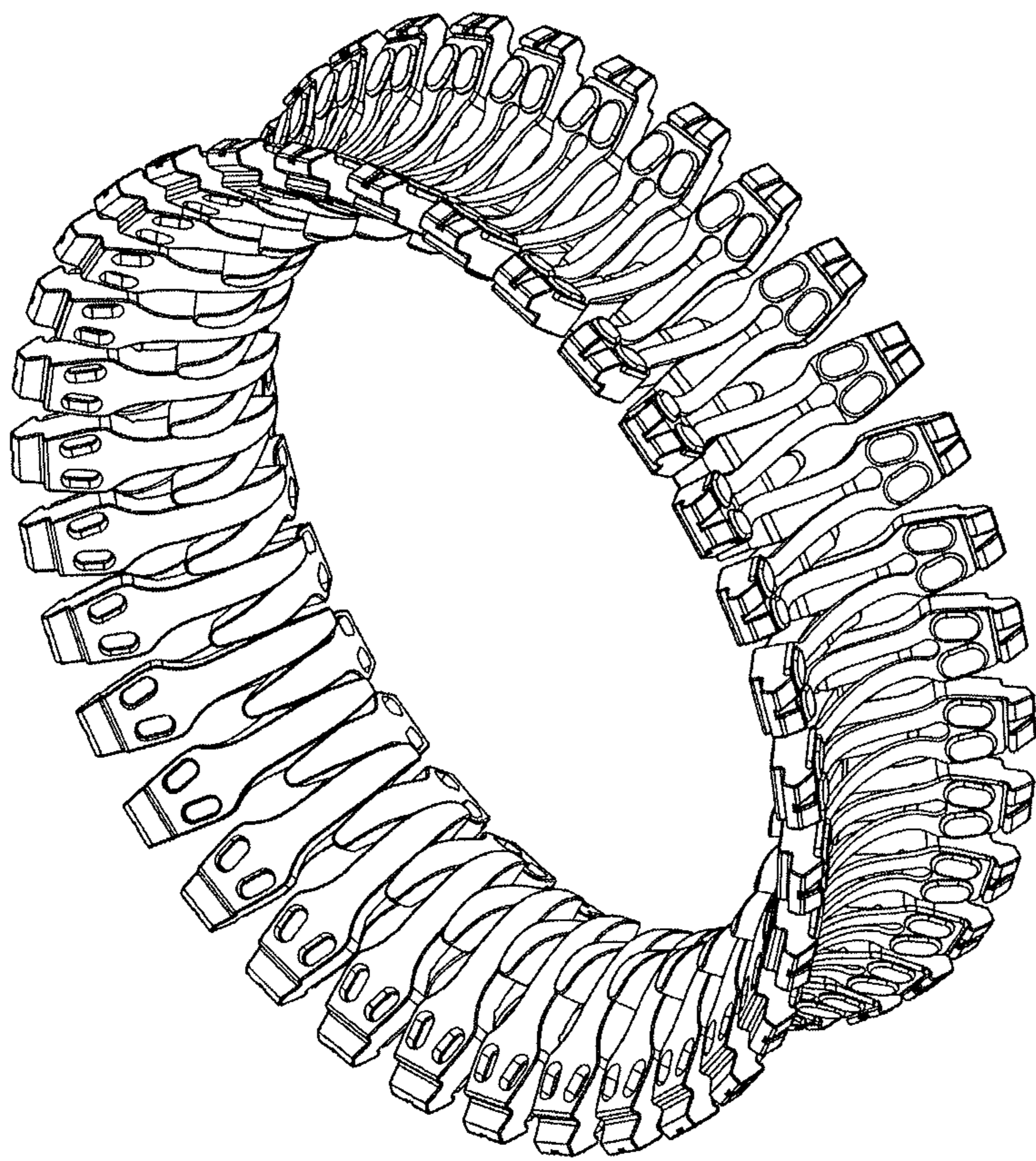


Fig. 10

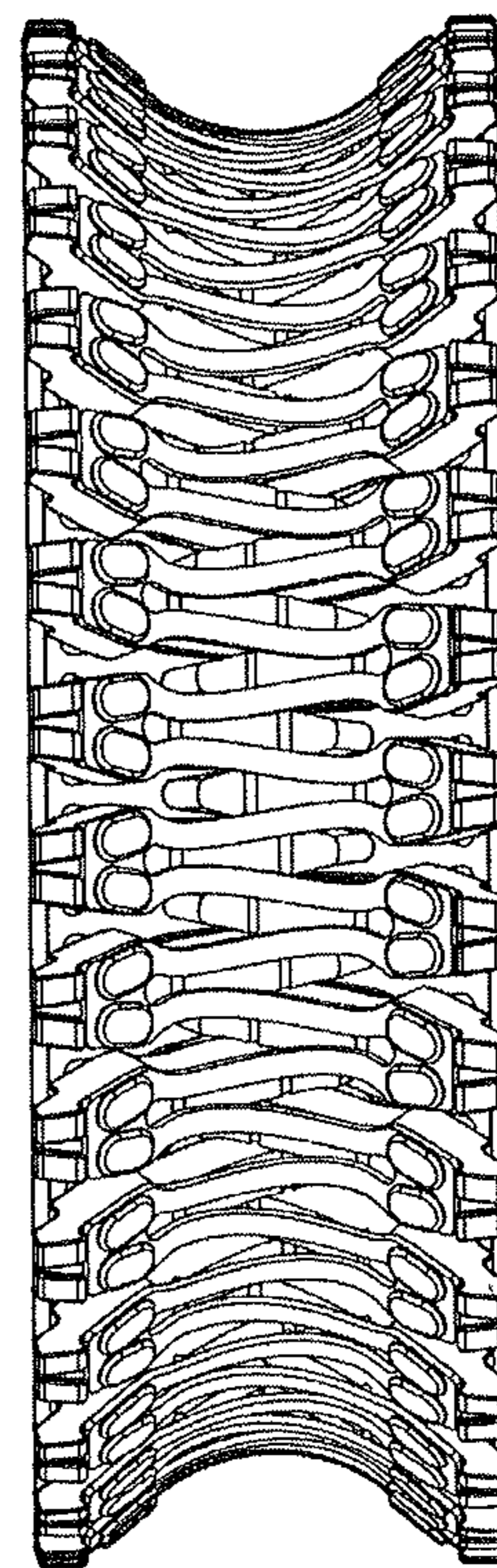


Fig. 11

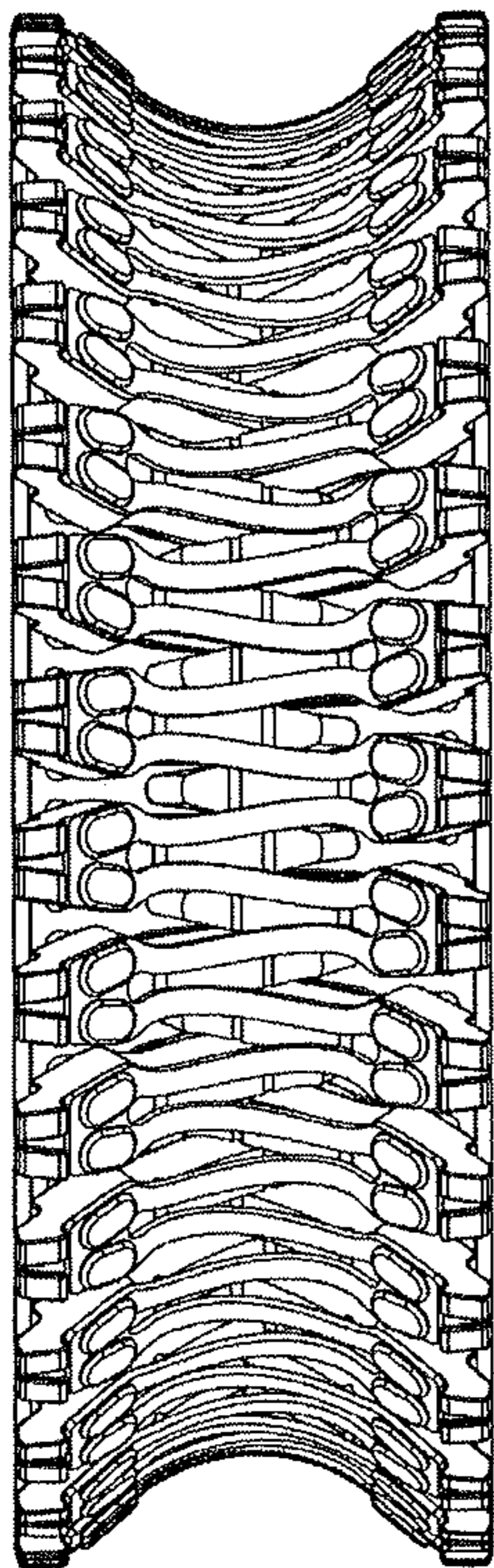


Fig. 12

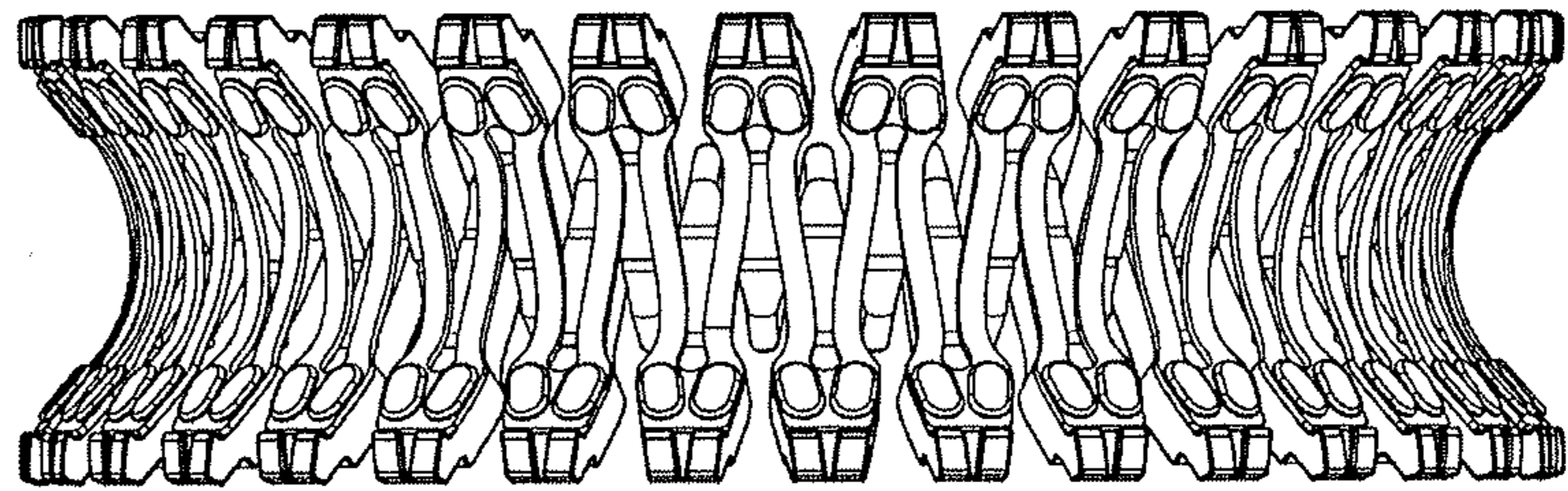


Fig. 13

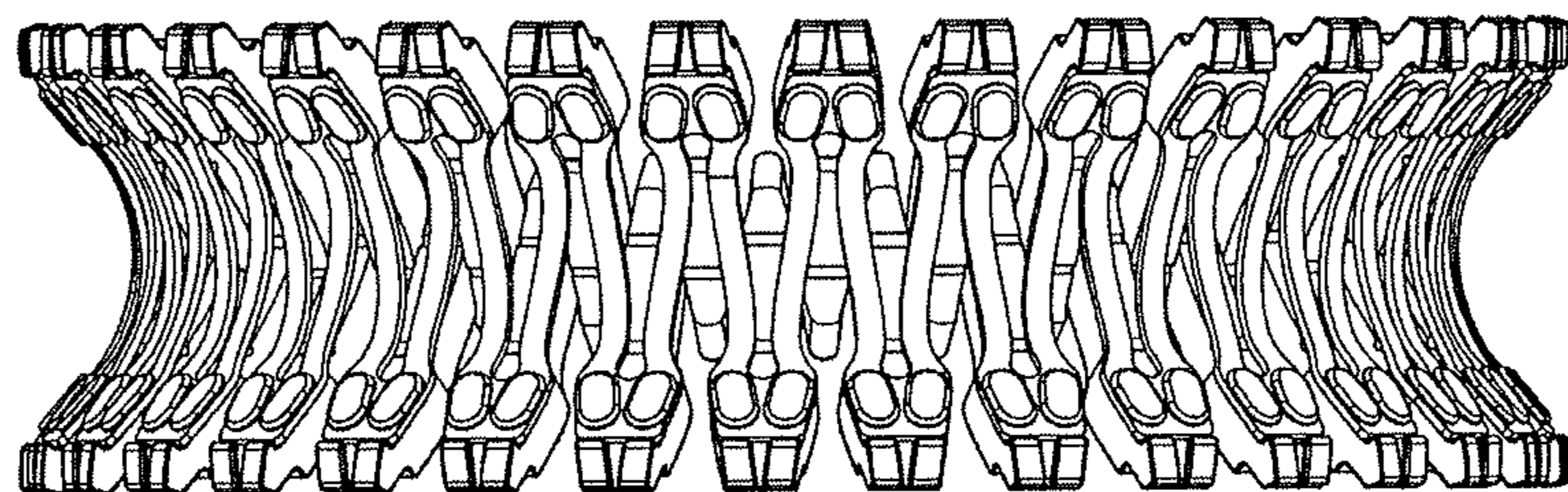


Fig. 14

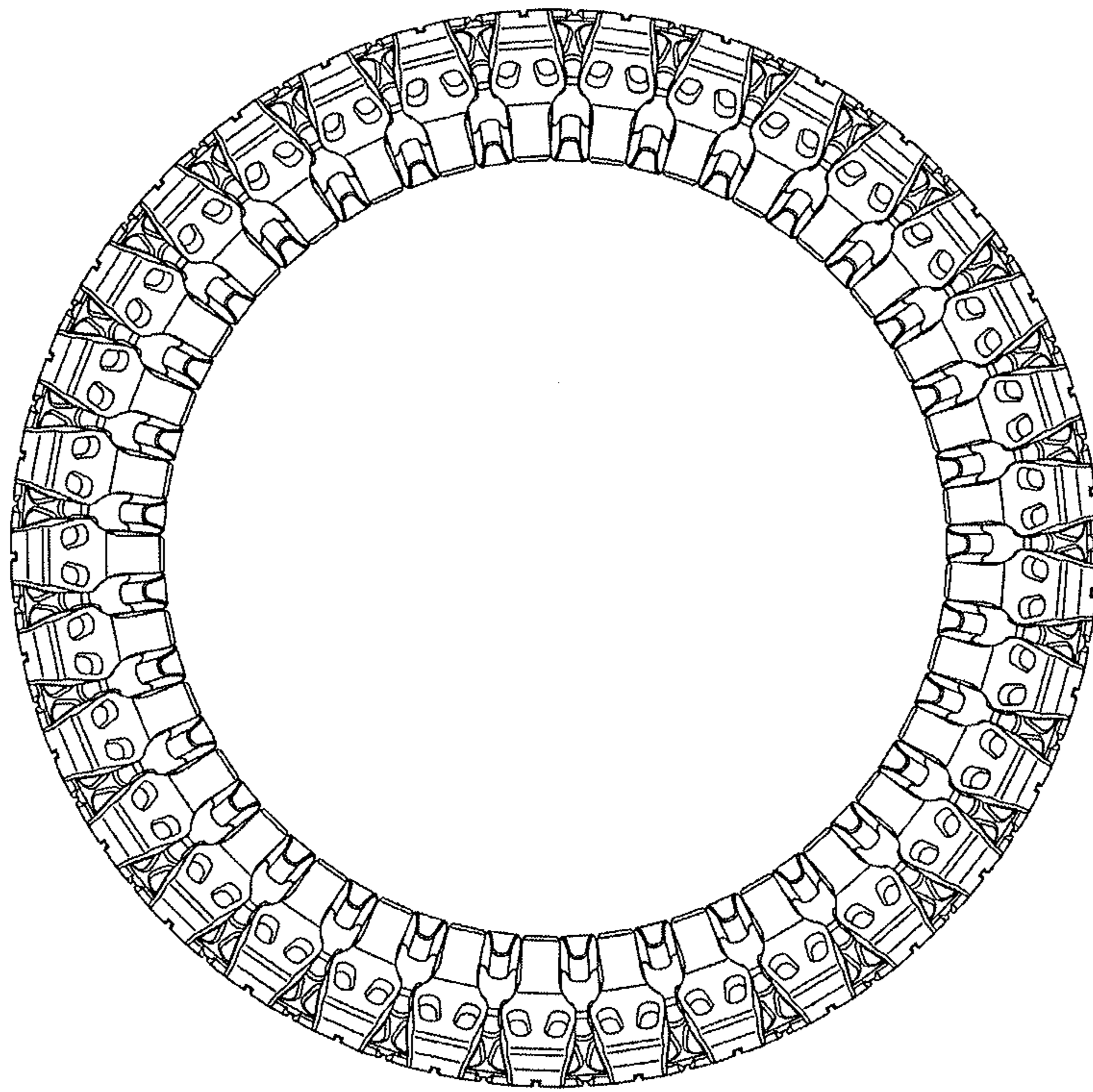


Fig. 15

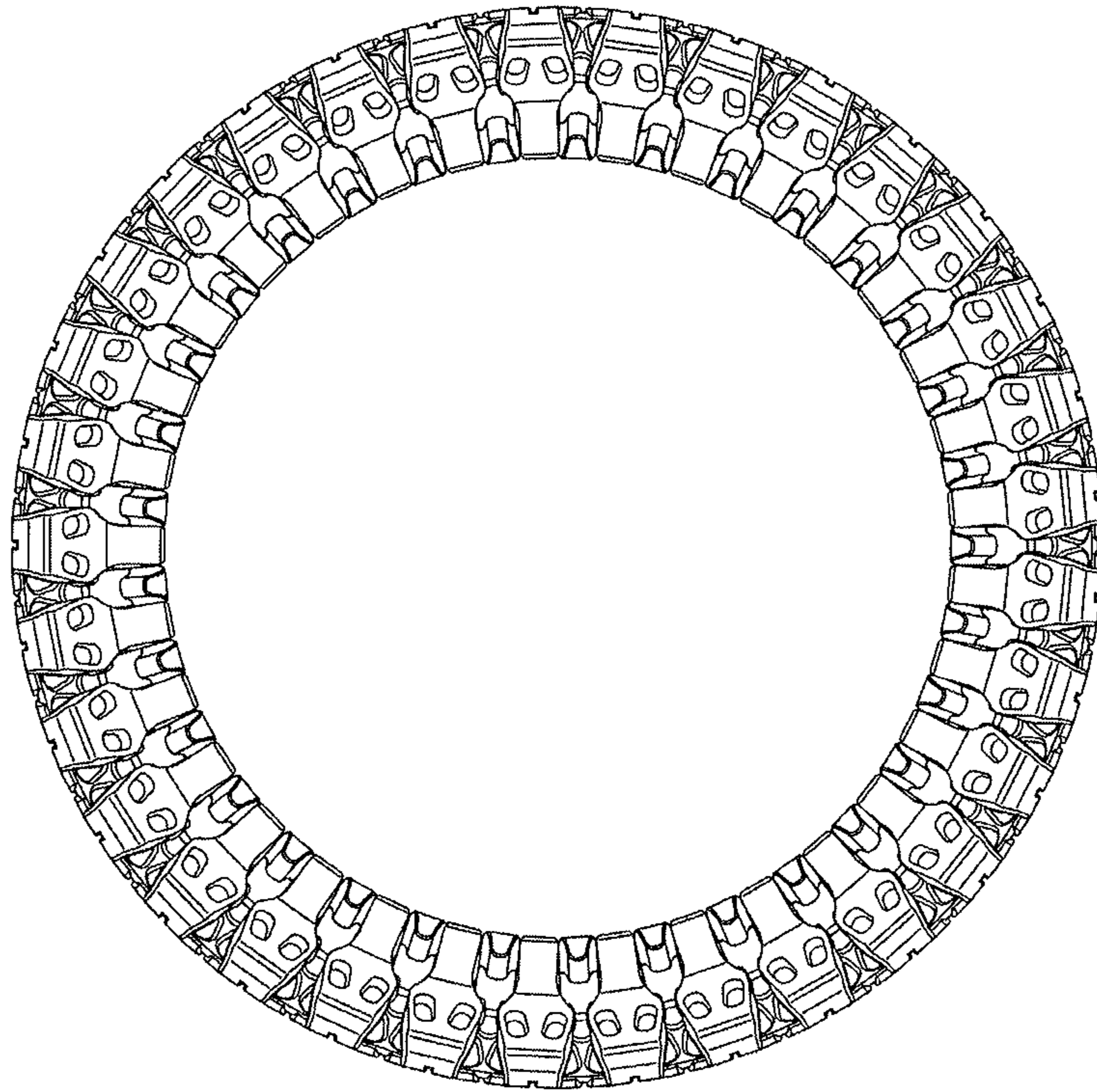


Fig. 16

