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(12) **United States Design Patent**
Holliday

(10) **Patent No.:** **US D588,991 S**
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(54) **BULGE-TYPE COAXIAL CABLE CONNECTOR**

(76) Inventor: **Randall A. Holliday**, 4360 Augusta Dr., Broomfield, CO (US) 80020

(**) Term: **14 Years**

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(22) Filed: **Apr. 11, 2008**

Related U.S. Application Data

(63) Continuation of application No. 11/262,363, filed on Oct. 29, 2005, now Pat. No. 7,410,389, which is a continuation-in-part of application No. 10/927,884, filed on Aug. 27, 2004, now Pat. No. 7,188,507.

(51) **LOC (9) Cl.** **13-03**

(52) **U.S. Cl.** **D13/133**

(58) **Field of Classification Search** D13/123, D13/133, 146, 149, 151, 154, 184, 199; 439/86, 439/180, 278, 374, 378, 380, 488-491, 527, 439/578, 585, 752, 825-828, 834, 851, 856
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,104,145	A *	9/1963	Somerset	.....	439/584
4,046,052	A *	9/1977	Nordstrom	.....	411/1
5,131,862	A *	7/1992	Gershfeld	.....	439/357
D367,036	S	2/1996	Lee		
D371,762	S	7/1996	Lee		
D400,171	S	10/1998	Nimpoeno et al.		
D413,569	S	9/1999	Peterson et al.		
D414,462	S	9/1999	Peterson et al.		
D436,076	S *	1/2001	Montena	.....	D13/133
D437,826	S *	2/2001	Montena	.....	D13/133
D440,539	S *	4/2001	Montena	.....	D13/133
D440,939	S *	4/2001	Montena	.....	D13/133
D443,858	S	6/2001	Treiger et al.		
D460,739	S *	7/2002	Fox	.....	D13/154
D461,778	S *	8/2002	Fox	.....	D13/151
D475,975	S	6/2003	Fox		

D475,976	S	6/2003	Montena		
D475,977	S	6/2003	Montena		
D503,685	S *	4/2005	Montena	.....	D13/154
D505,391	S	5/2005	Rodrigues et al.		
D511,498	S *	11/2005	Holliday	.....	D13/151
D513,736	S *	1/2006	Fox	.....	D13/151
D517,018	S *	3/2006	Montena	D13/151
D517,496	S *	3/2006	Montena	D13/151

(Continued)

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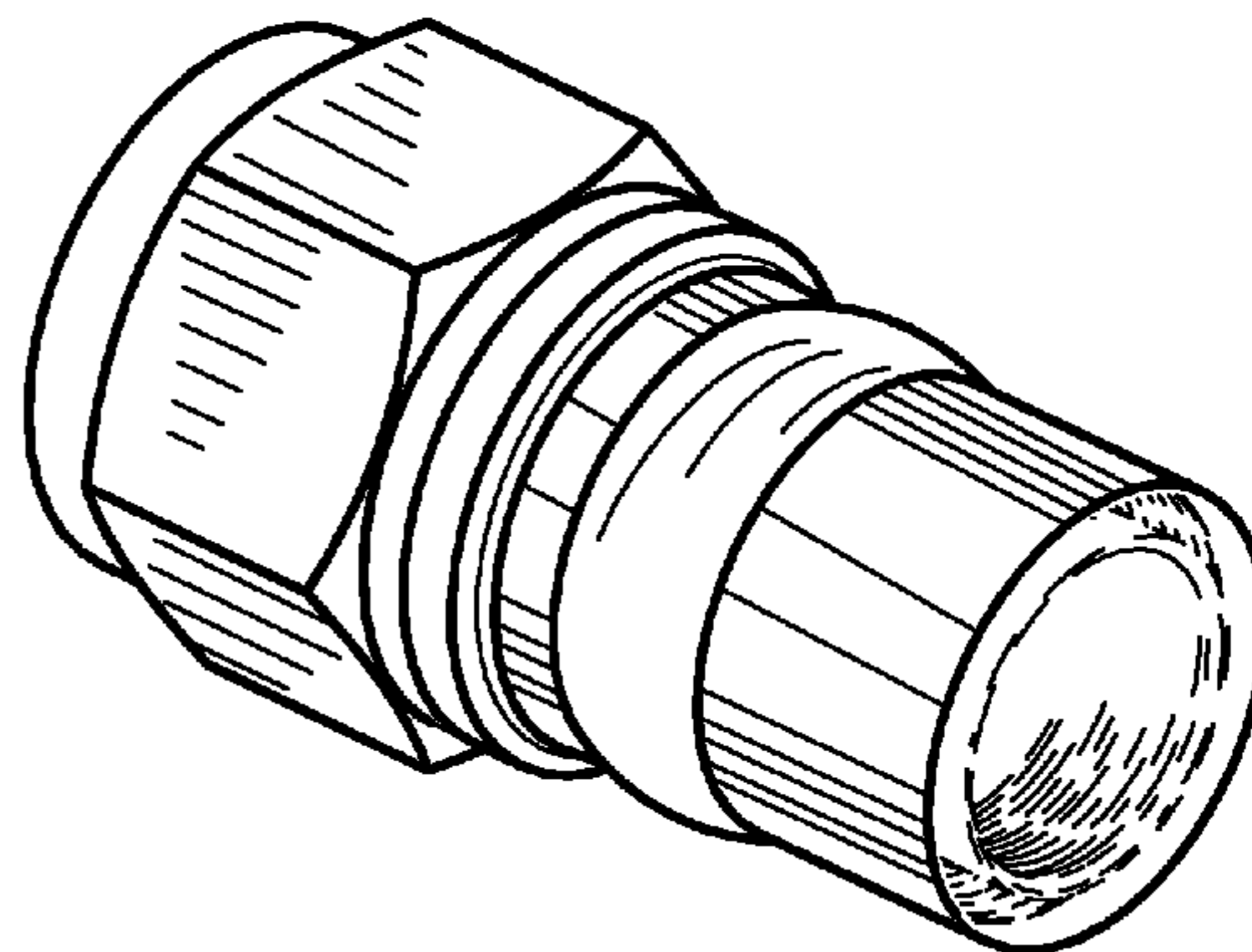
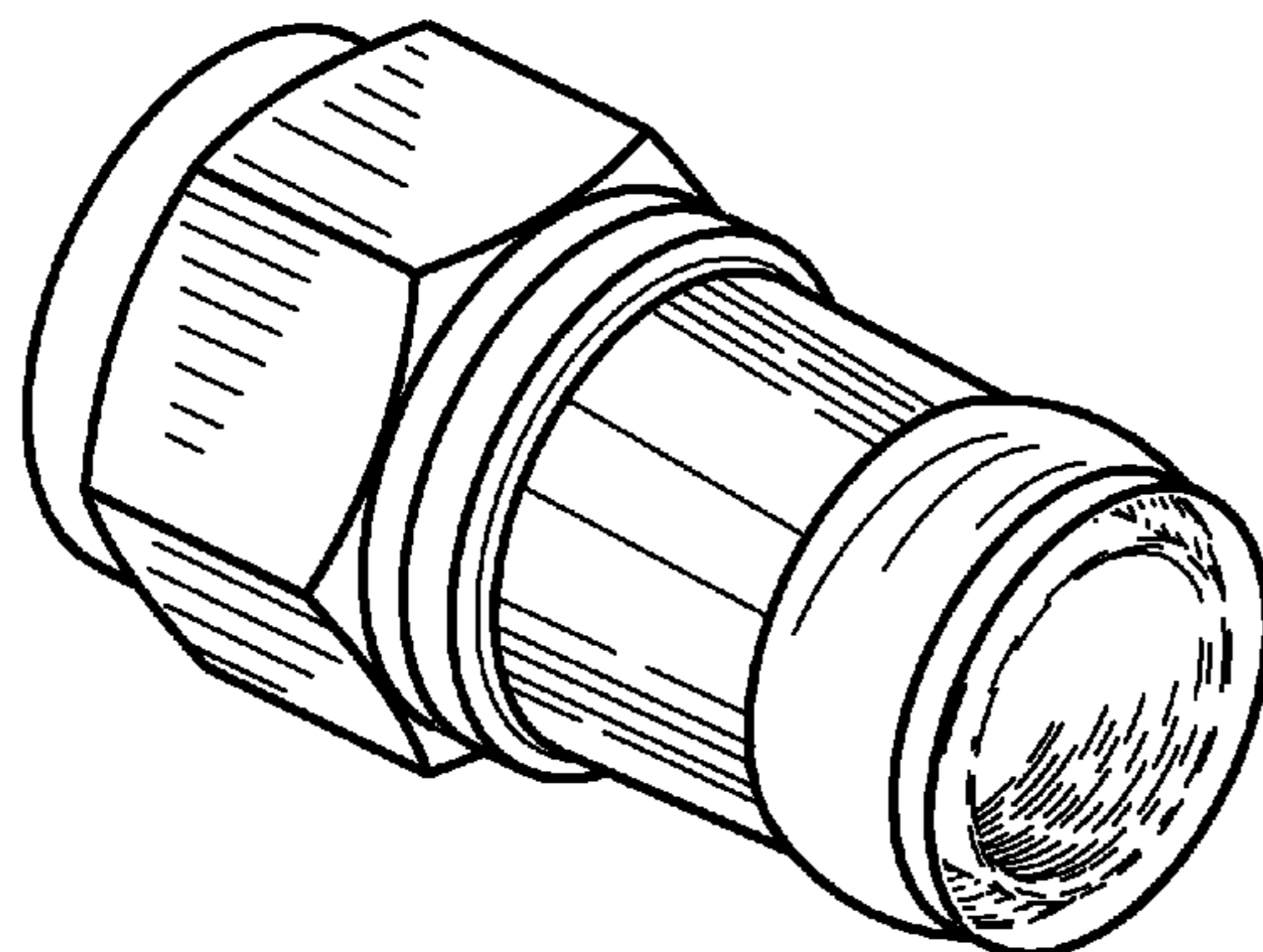
(57) **CLAIM**

The ornamental design for a bulge-type coaxial cable connector, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a first embodiment of a bulge-type coaxial cable connector showing my new design; FIG. 2 is a rear perspective view thereof; FIG. 3 is a side elevation view thereof; FIG. 4 is an end plan view thereof; FIG. 5 is an opposite end plan view thereof; FIG. 6 is a front perspective view of a second embodiment of a bulge-type coaxial cable connector showing my new design; FIG. 7 is a rear perspective view thereof; FIG. 8 is a side elevation view thereof; FIG. 9 is an end plan view thereof; and, FIG. 10 is an opposite end plan view thereof. The broken line showing of the environment is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 2 Drawing Sheets



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U.S. PATENT DOCUMENTS

D548,186 S *	8/2007	Holliday	D13/133	2005/0136735 A1 *	6/2005	Rodrigues et al.	439/578
7,309,255 B2 *	12/2007	Rodrigues	.....	439/578	2006/0205272 A1 *	9/2006	Rodrigues	.....	439/585
D561,691 S *	2/2008	Holliday	.....	D13/133	2006/0276079 A1 *	12/2006	Chen	.....	439/578
D569,800 S *	5/2008	Holliday	.....	D13/133	2007/0105439 A1 *	5/2007	Burris et al.	.....	439/578
D572,200 S *	7/2008	Chawgo	.....	D13/154	2008/0064259 A1 *	3/2008	Amidon	.....	439/578
2005/0079762 A1	4/2005	Hsia			2008/0085630 A1 *	4/2008	Amidon	.....	439/578

* cited by examiner

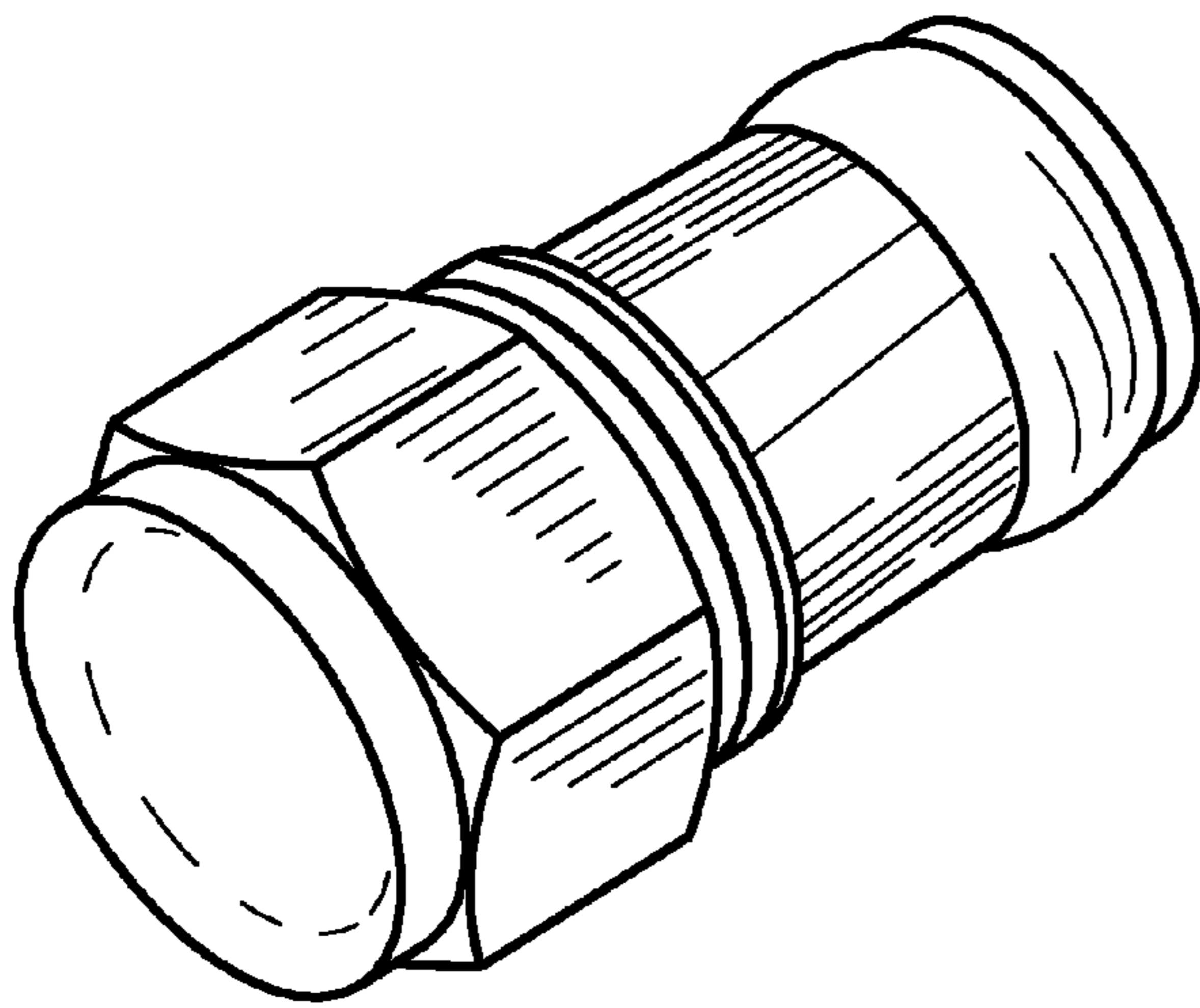


Fig. 2

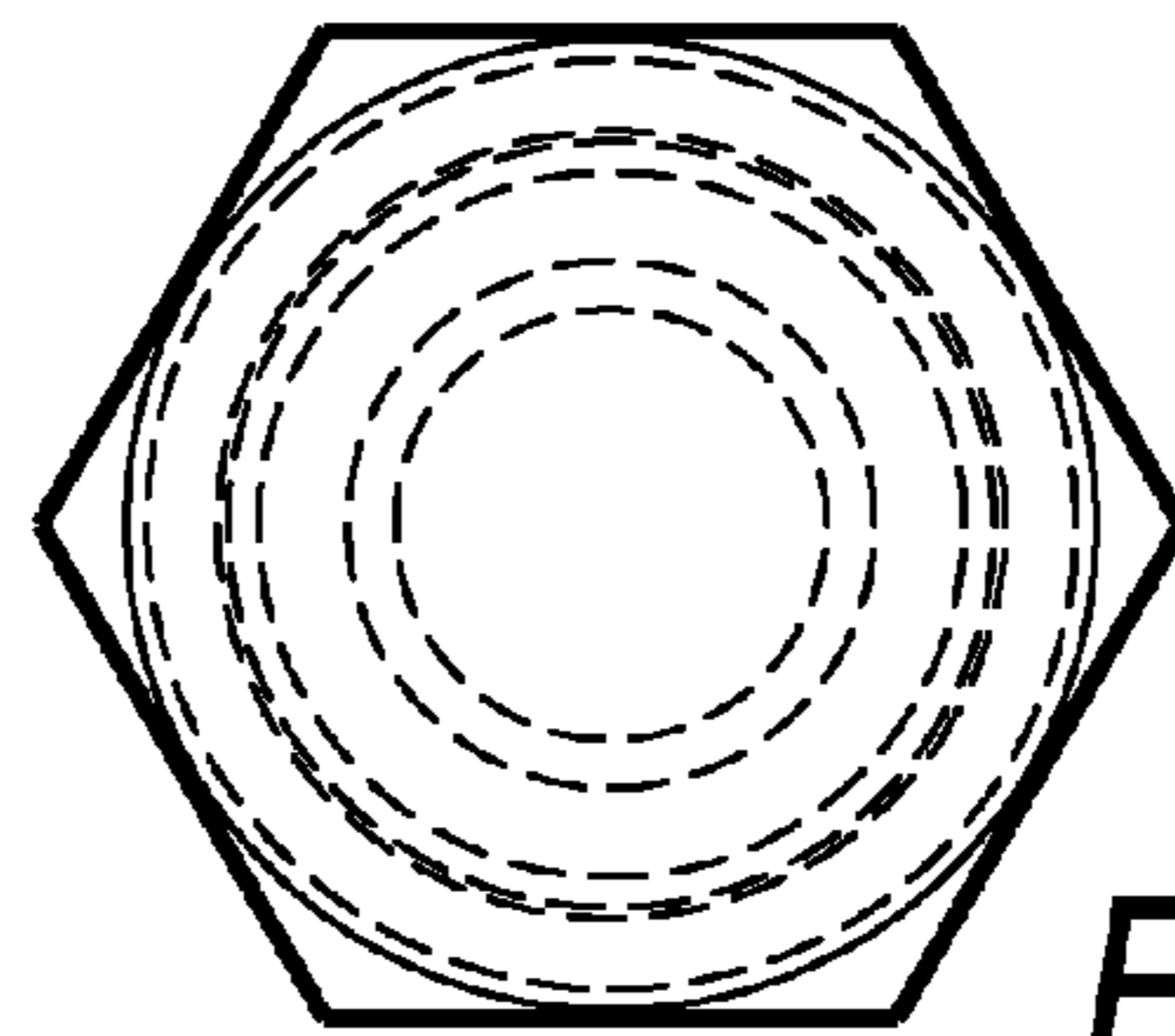


Fig. 5

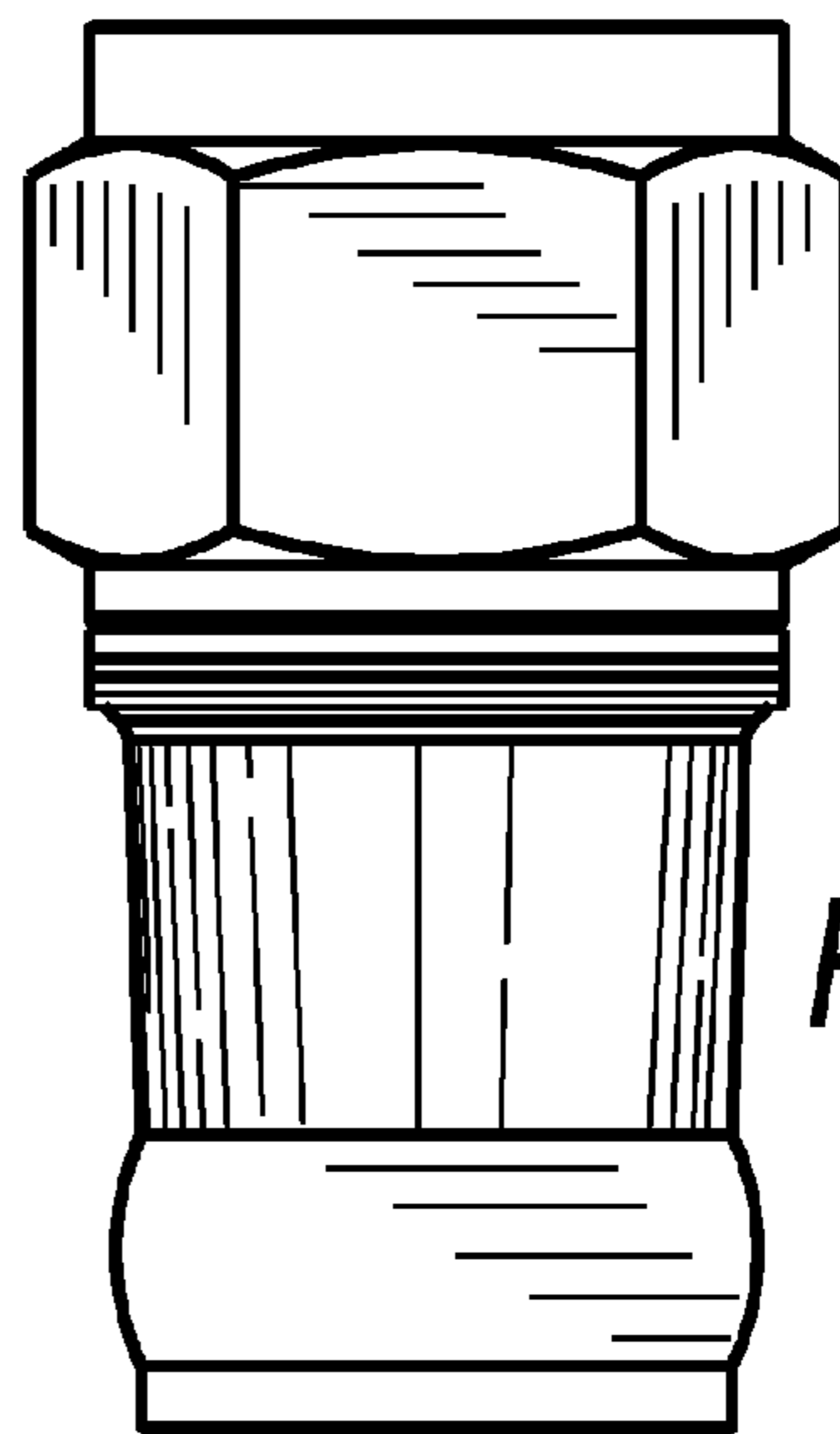


Fig. 3

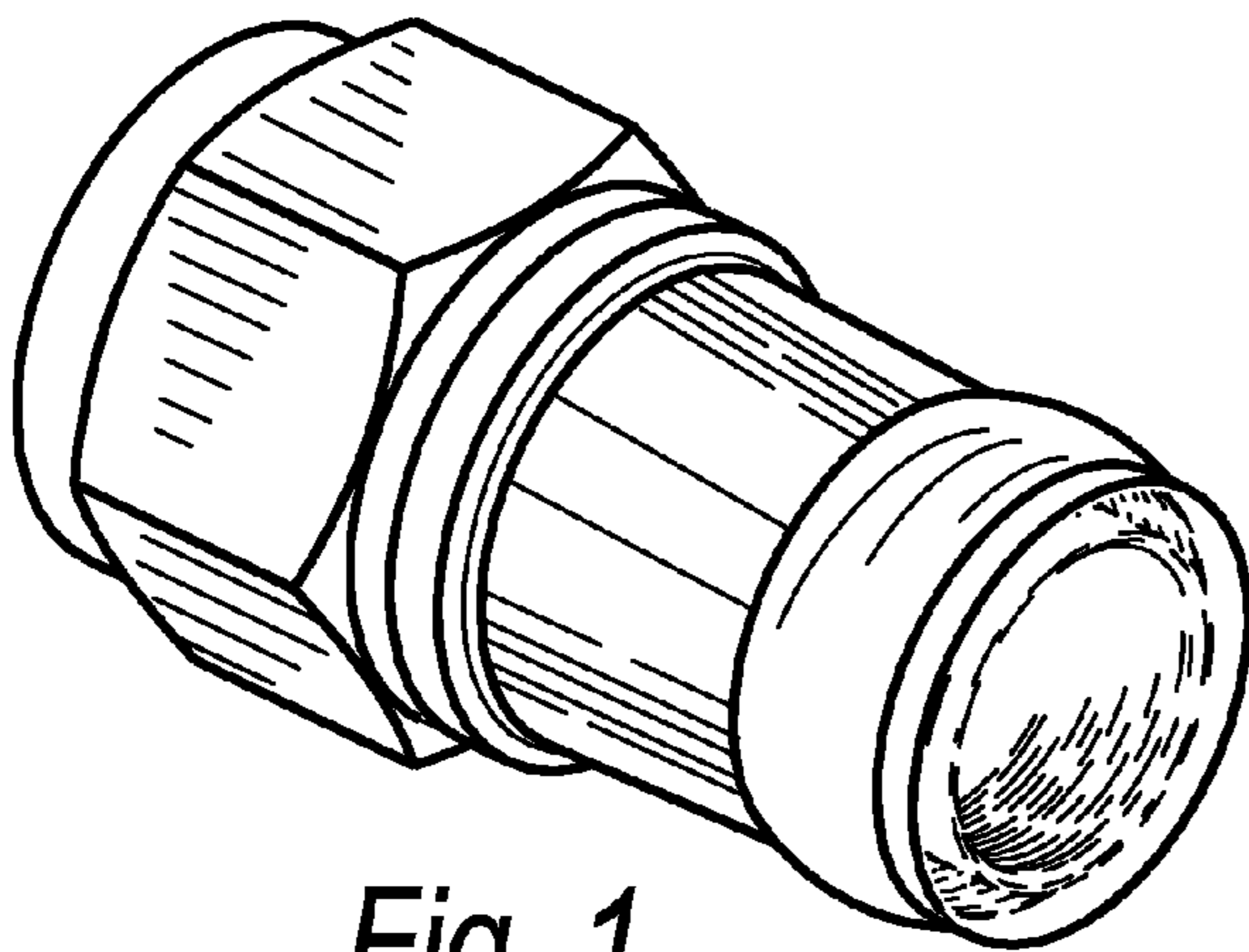


Fig. 1

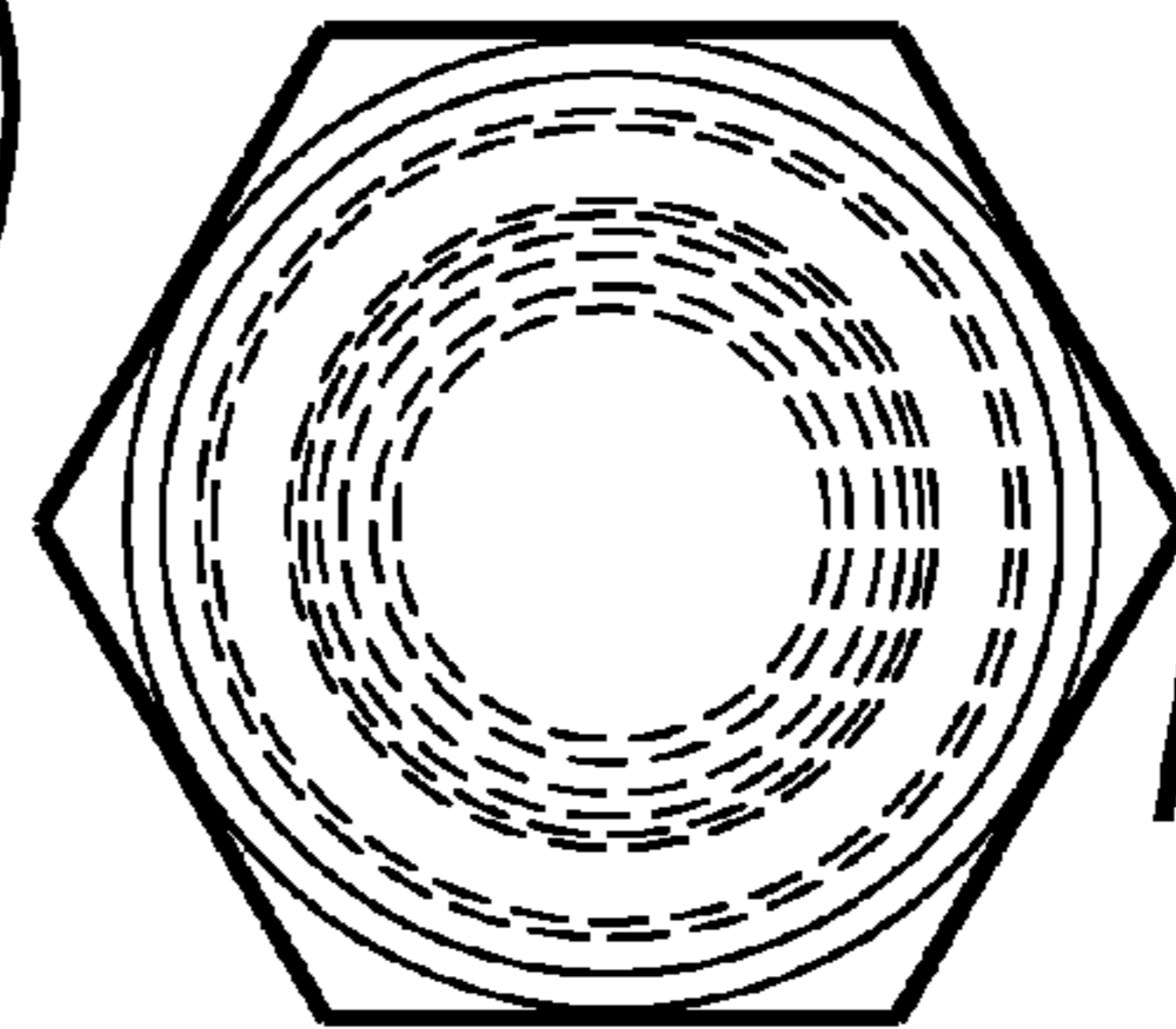


Fig. 4

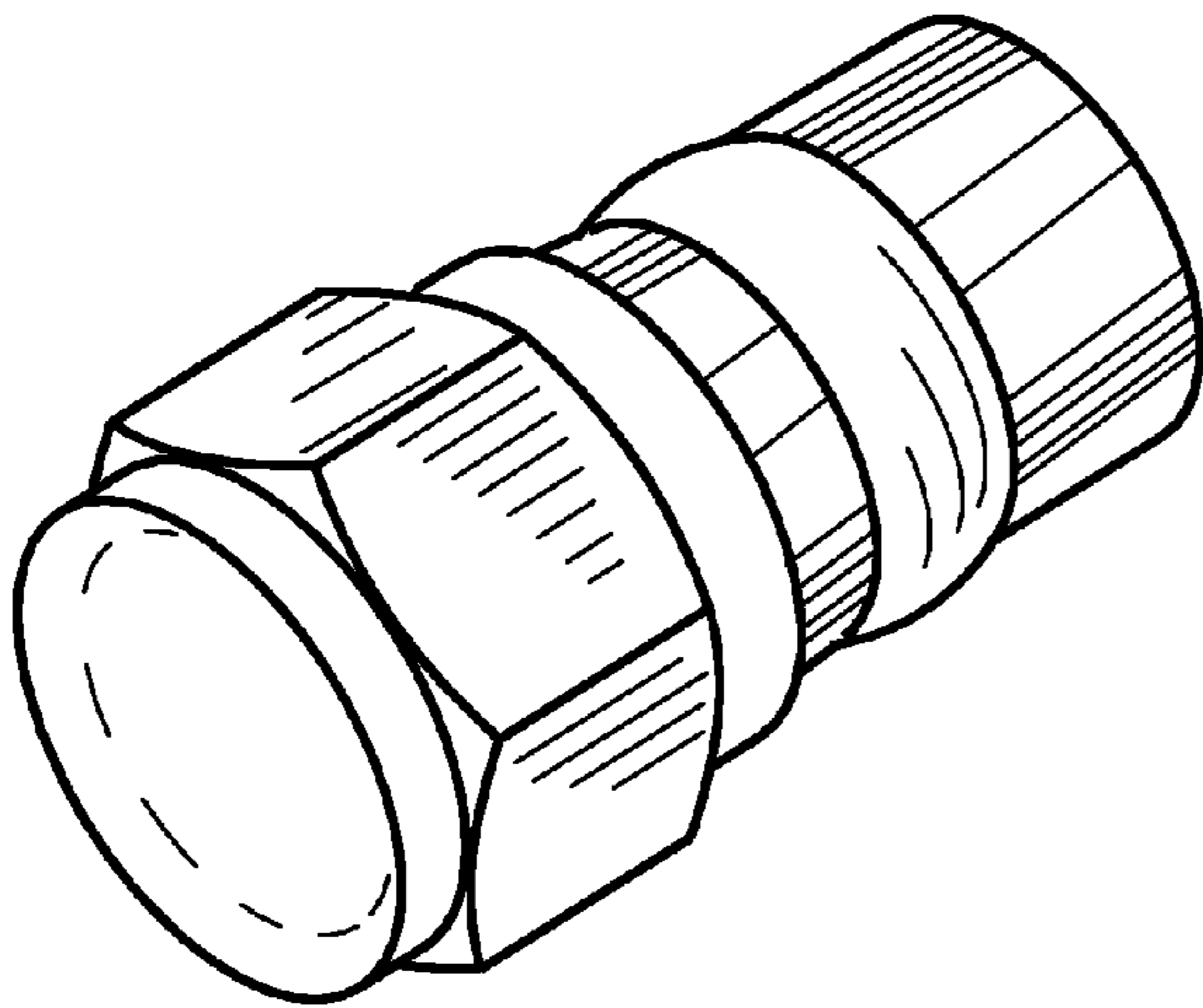


Fig. 7

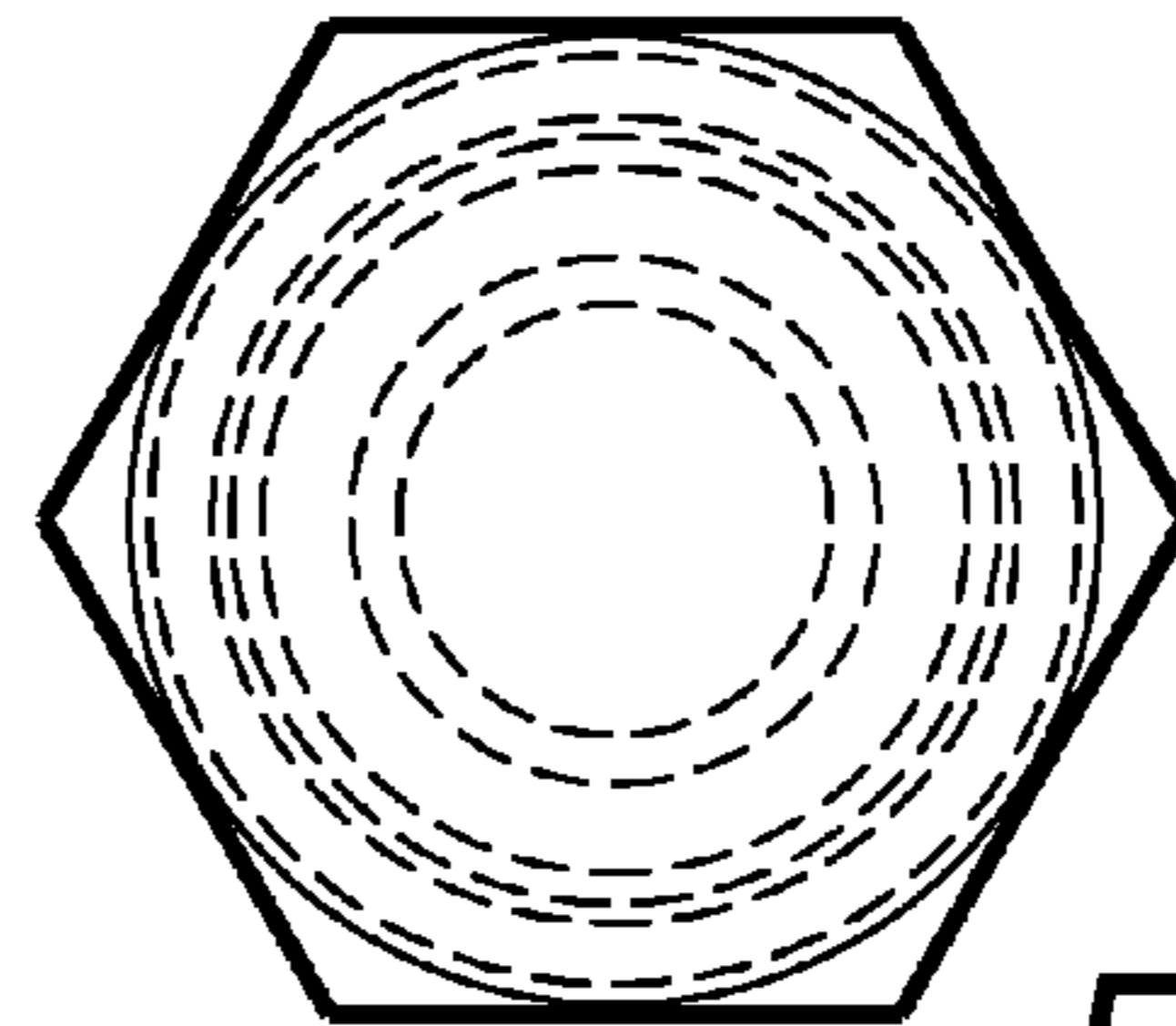


Fig. 10

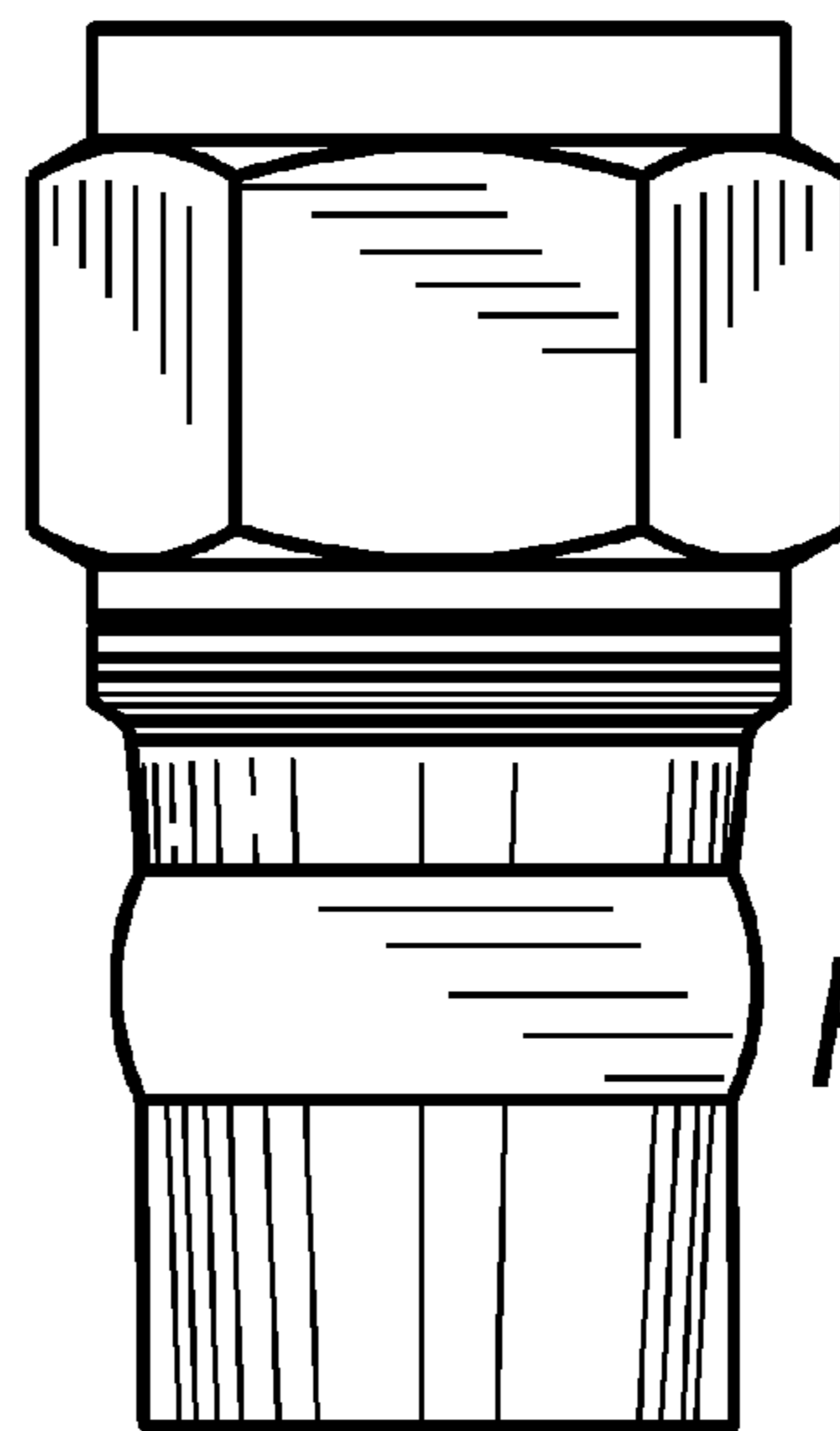


Fig. 8

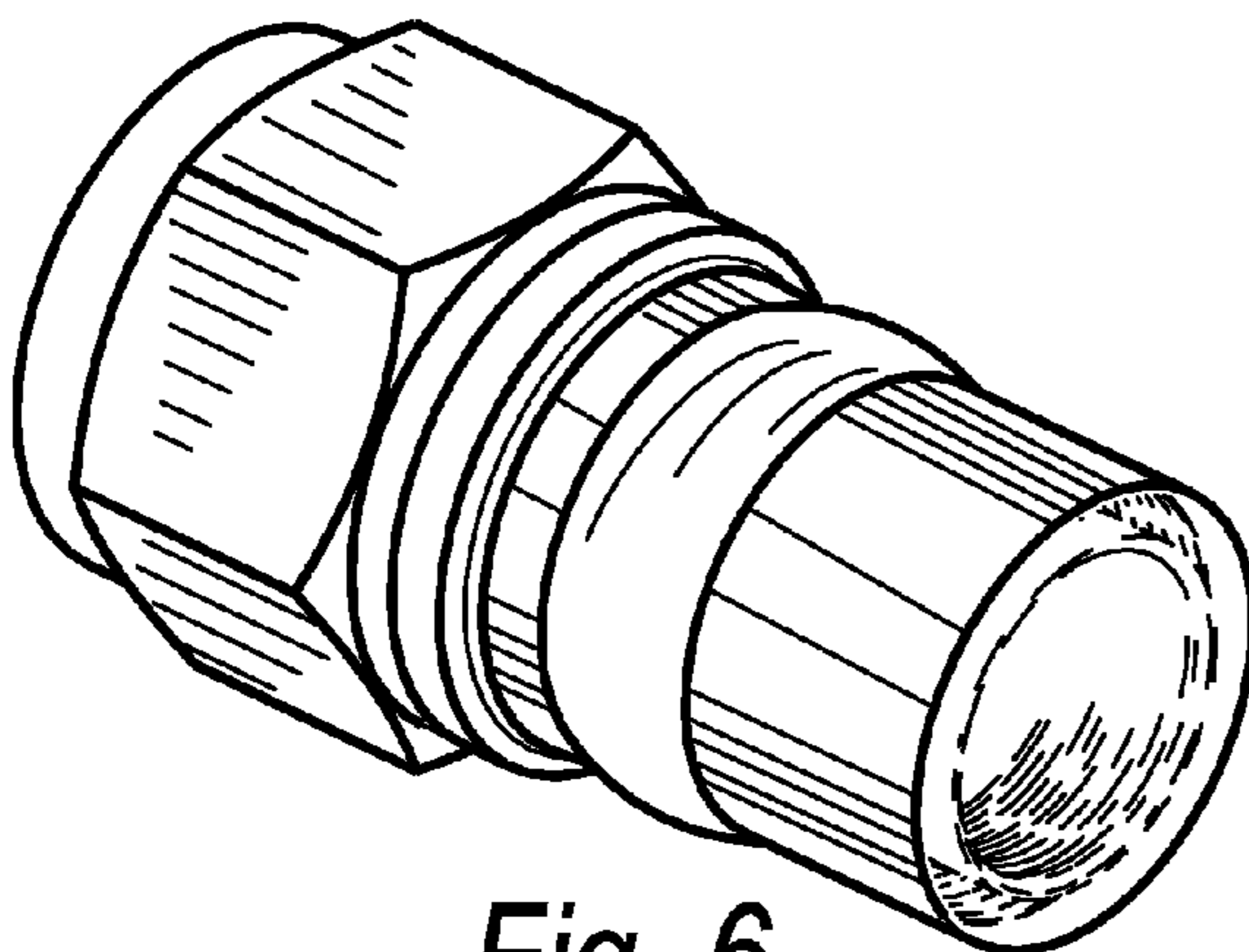


Fig. 6

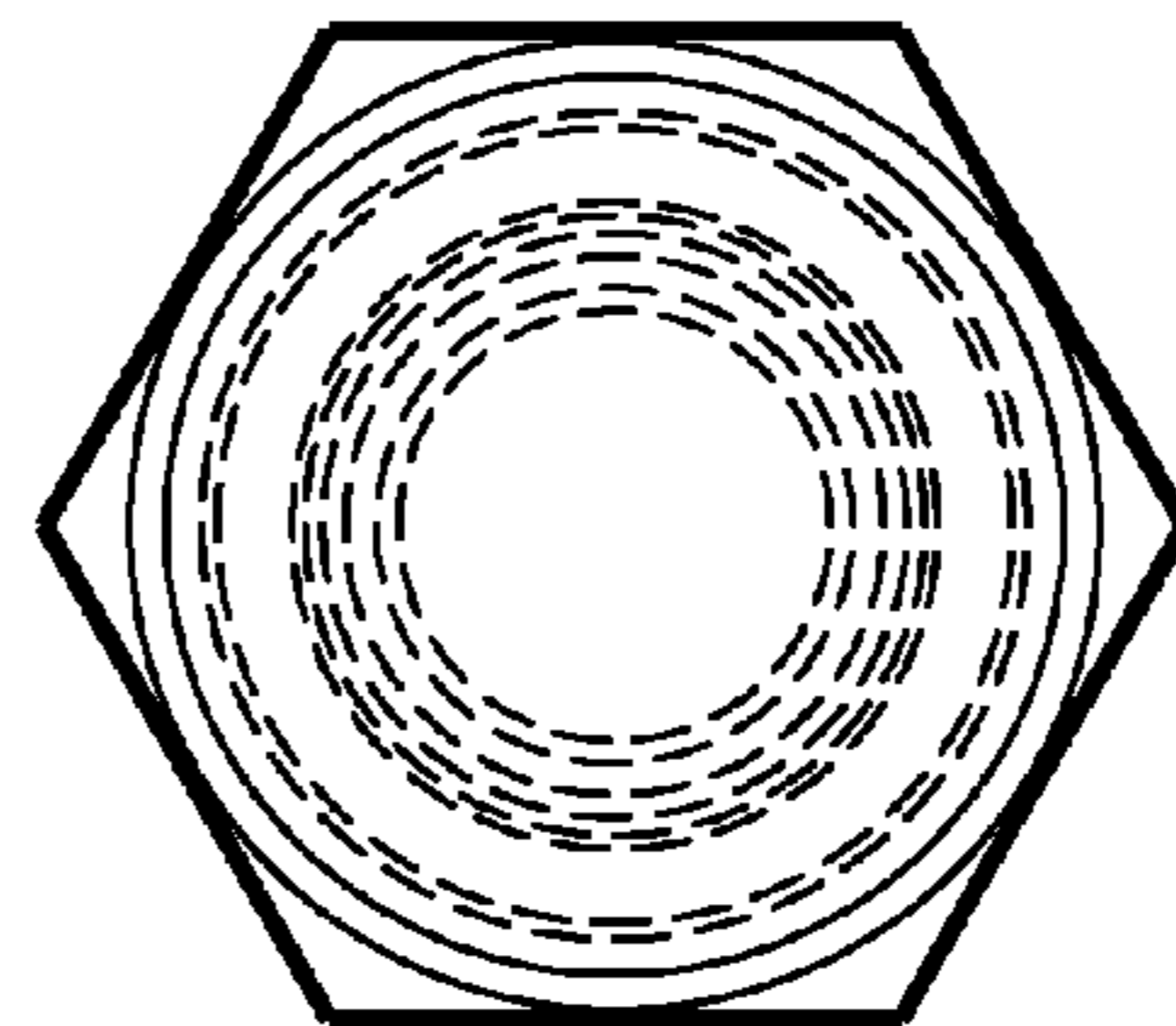


Fig. 9