

INCH-POUND

MIL-DTL-32689/5
w/AMENDMENT 1
28 July 2022
SUPERCEEDING
MIL-DTL-32689/5
19 November 2021

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, SPANNER NUT FOR JAM-NUT MOUNTED RECEPTACLE

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein
shall consist of this specification sheet and MIL-DTL-32689.

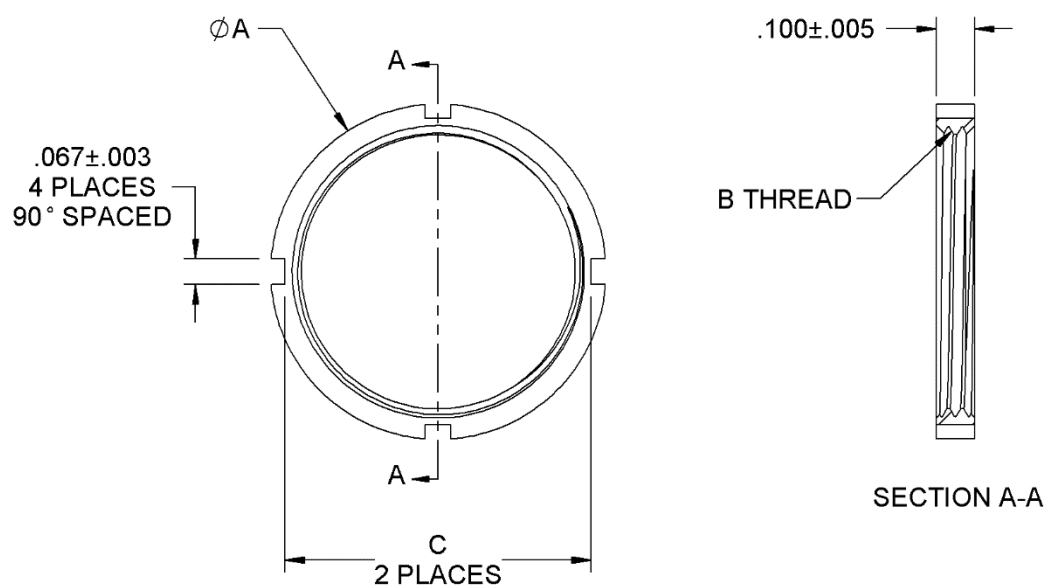


FIGURE 1. Spanner nut dimensions.



MIL-DTL-32689/5
w/AMENDMENT 1

Dash Number Major Dia. (in 16 th of an inch)	B thread UN-28 2A Major dia. ASME B1.1	ØA <u>+.005</u> <u>-.000</u>	C ± .010
09	.5625	.688	.627
11	.6875	.815	.735
12	.7500	.876	.799
13	.8125	.938	.859
16	1.0000	1.125	1.043
19	1.1875	1.319	1.235
20	1.2500	1.375	1.297
24	1.5000	1.625	1.547

Notes

1. All burrs and sharp edges shall be removed.

FIGURE 1. Spanner nut dimensions – Continued.

REQUIREMENTS:

Dimensions and configuration: see figures.

Material: Determined by Class.

Finish: Determined by Class.

Qualification. Qualification shall be in accordance with MIL-DTL-32689, except only the following tests shall be required:

- Examination of product
- Salt spray (corrosion)

Group A inspection shall consist of examination of product. Sampling for group A inspection shall be as specified in table I.

TABLE I. Group A sampling plan.

Lot size	Sampling size
1 to 13	100 percent
14 to 150	13 units
151 to 280	20 units
281 to 500	29 units
501 to 1,200	34 units
1,201 to 3,200	42 units
3,201 and up	54 units

MIL-DTL-32689/5
w/AMENDMENT 1

Part or Identifying Number (PIN) example:

M32689/5 - W 09

<u>M32689/5</u>	"M" prefix, base spec number, "/", and specification sheet number
<u>W</u>	Class
<u>09</u>	Dash Number (see Jam-Nut Mounted Receptacle for corresponding shell size/thread pattern)

Referenced documents. In addition to MIL-DTL-32689, this document references the following:

ASME B1.1

CONCLUDING MATERIAL

Custodians:

Army – CR

Navy - AS

Air Force – 85

DLA - CC

Preparing activity:

DLA - CC

(Project 5935-2022-147)

Review activities:

Navy - EC, SH

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.