

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, BACKSHELL, SHORTING CAP, STRAIGHT FIXED COUPLING

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-32689/8.

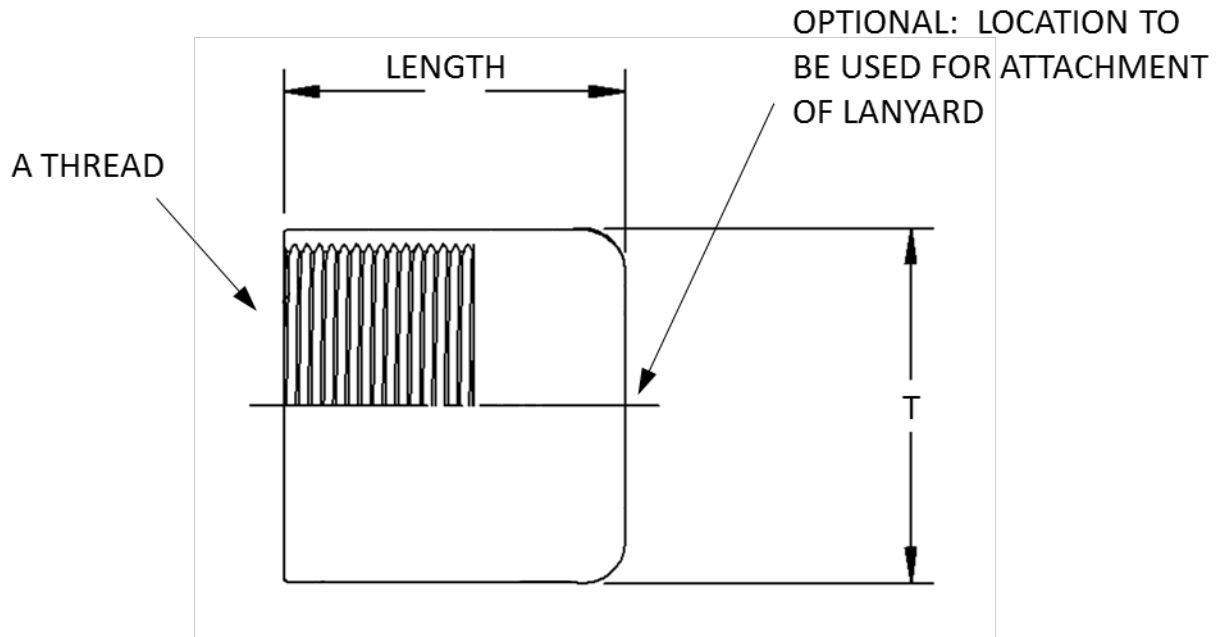


FIGURE 1. Backshell dimensions.



MIL-DTL-32689/27

| Backshell<br>Size. | T<br>Max |
|--------------------|----------|
| 06                 | 0.465    |
| 07                 | 0.530    |
| 08                 | 0.595    |
| 09                 | 0.650    |
| 10                 | 0.715    |
| 12                 | 0.830    |
| 15                 | 1.020    |
| 19                 | 1.270    |

Notes:

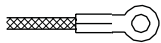
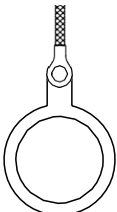
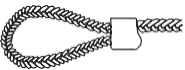
1. Dimensions accordance with MIL-DTL-32689/8, Design 4 unless otherwise defined in this specification sheet.
2. Coupling ring surface depicted as an example. Coupling ring surface details other wised defined.

FIGURE 1. Backshell dimensions. – Continued.

REQUIREMENTS

Part shall be in accordance with MIL-DTL-32689/8, Design 4 unless otherwise defined in this specification sheet.

Backshell length range shall be .500 (standard) to 3.000. Typically available on .250 increments.

| Picture                                                                                                                                         | Lanyard Termination Code                                                                 | Ring I.D. +/- .005 | Ring O.D. Max |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------|---------------|
|  <p>Small Ring for Attaching to a Panel with a Screw</p>       | 01                                                                                       | 0.126              | 0.310         |
|                                                                                                                                                 | 02                                                                                       | 0.145              | 0.310         |
|                                                                                                                                                 | 04                                                                                       | 0.188              | 0.310         |
|                                                                                                                                                 | 06                                                                                       | 0.197              | 0.310         |
|  <p>Large Solid Ring for Attaching to a Jam Nut Receptacle</p> | 14                                                                                       | 0.385              | 0.510         |
|                                                                                                                                                 | 15                                                                                       | 0.445              | 0.565         |
|                                                                                                                                                 | 16                                                                                       | 0.570              | 0.685         |
|                                                                                                                                                 | 17                                                                                       | 0.635              | 0.760         |
|                                                                                                                                                 | 18                                                                                       | 0.695              | 0.820         |
|                                                                                                                                                 | 19                                                                                       | 0.885              | 1.010         |
|                                                                                                                                                 | 20                                                                                       | 1.070              | 1.195         |
|                                                                                                                                                 | 21                                                                                       | 1.135              | 1.250         |
|                                                                                                                                                 | 22                                                                                       | 1.210              | 1.312         |
|                                                                | K = slip knot for lanyard construction style K, repeated from lanyard construction style |                    |               |

Referenced documents. This document references MIL-DTL-32689/8.

#### CONCLUDING MATERIAL

Custodians:  
 Army – CR  
 Navy - AS  
 Air Force – 85  
 DLA - CC

Preparing activity:  
 DLA - CC  
 (Project 5935-2022-045)

Review activities:  
 Navy - EC, MC

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>.