



RỒNG VÀNG  
TECHNOLOGY



# **Circular Connector Backshells and Accessories**

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## Product Finder

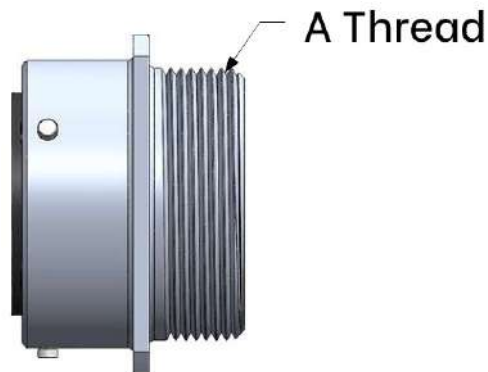
| Series Code | Model                                                                               | Description                                   |
|-------------|-------------------------------------------------------------------------------------|-----------------------------------------------|
| Series BS   |    | EMI/RFI banding and shrink Boot Adapters      |
| Series MR   |    | EMI/RFI memory ring shrink boot adapters      |
| Series SA   |    | shrink boot adapters                          |
| Series SS   |    | EMI/RFI shield sock shrink boot adapters      |
| Series SB   |   | straight strain reliefs                       |
| Series AB   |  | 90° strain reliefs                            |
| Series LB   |  | EMI/RFI lamp base thread shrink boot adapters |
| Series QT   |  | Qwik-Ty strain reliefs                        |
| Series BN   |  | back nuts                                     |
| Series CR   |  | crimp ring backshells                         |

## Product Finder

| Series Code    | Model                                                                               | Description                                                                       |
|----------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Series CCB-01  |    | Submersible backshells with strain relief, environmental, non screened            |
| Series CCB-02  |    | Submersible backshells with strain relief, non environmental, non screened        |
| Series CCB-03  |    | EMI/RFI Submersible backshells with strain relief, environmental                  |
| Series CCB-04  |    | EMI/RFI Submersible backshells with strain relief, non environmental              |
| Series CCB-06  |   | EMI/RFI Submersible backshells with strain relief & cone clamp, non environmental |
| Series UPB-01  |  | Ultra low profile 90° banding and shrink boot split adapters                      |
| Series BCB -01 |  | EMI/RFI Band-in-a-can with strain-relief, environmental                           |
| Series BCB-02  |  | EMI/RFI Band-in-a-can with strain-relief, non environmental                       |

| Connector Interface Data |                |          |         |         |                                                                                                    |
|--------------------------|----------------|----------|---------|---------|----------------------------------------------------------------------------------------------------|
| Code                     | POLAMCO        | AMPHENOL | GLENAIR | RAYCHEM | Backshells Designed to be Used In Connector Series                                                 |
| A                        | A              | J        | A       | 54      | MIL-DTL-5015 (crimp, MS34), MIL-DTL-26482 series II, MIL-DTL-83723 series III (bayonet & threaded) |
| F                        | F              | K        | F       | 41      | MIL-DTL-38999 series I, II                                                                         |
| T                        | D & DG         | —        | D       | 21      | MIL-DTL-26482 series I                                                                             |
| H                        | H              | L        | H       | 40      | MIL-DTL-38999 series III, IV                                                                       |
| B                        | L, LS, LM & LV | J        | B       | 18      | MIL-DTL-5015 (solder cup, MS31)                                                                    |

## Coupling Interface



| Shell Size<br>MIL-DTL-38999<br>(series 3, 4)                              | A Thread       | Shell Size<br>MIL-DTL-38999<br>(series 1)                                                                              | A Thread       |
|---------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------|----------------|
| 09                                                                        | M12 x 1-6g     | 09                                                                                                                     | .4375-28 UNEF  |
| 11                                                                        | M15 x 1-6g     | 11                                                                                                                     | .5625-24 UNEF  |
| 13                                                                        | M18 x 1-6g     | 13                                                                                                                     | .6875-24 UNEF  |
| 15                                                                        | M22 x 1-6g     | 15                                                                                                                     | .8125-20 UNEF  |
| 17                                                                        | M25 x 1-6g     | 17                                                                                                                     | .9375-20 UNEF  |
| 19                                                                        | M28 x 1-6g     | 19                                                                                                                     | 1.0625-18 UNEF |
| 21                                                                        | M31 x 1-6g     | 21                                                                                                                     | 1.1875-18 UNEF |
| 23                                                                        | M34 x 1-6g     | 23                                                                                                                     | 1.3125-18 UNEF |
| 25                                                                        | M37 x 1-6g     | 25                                                                                                                     | 1.4375-18 UNEF |
| Shell Size<br>MIL-DTL-38999<br>(series 2);<br>MIL-DTL-26482<br>(series 1) | A Thread       | Shell Size<br>MIL-DTL-83723<br>(series 3);<br>EN2997;<br>MIL-DTL-26482<br>(series 2);<br>MIL-DTL-5015<br>(series MS34) | A Thread       |
| 08                                                                        | .4375-28 UNEF  | 08                                                                                                                     | .5000-20 UNF   |
| 10                                                                        | .5625-24 UNEF  | 10                                                                                                                     | .6250-24 UNEF  |
| 12                                                                        | .6875-24 UNEF  | 12                                                                                                                     | .7500-20 UNEF  |
| 14                                                                        | .8125-20 UNEF  | 14                                                                                                                     | .8750-20 UNEF  |
| 16                                                                        | .9375-20 UNEF  | 16                                                                                                                     | 1.0000-20 UNEF |
| 18                                                                        | 1.0625-18 UNEF | 18                                                                                                                     | 1.0625-18 UNEF |
| 20                                                                        | 1.1875-18 UNEF | 20                                                                                                                     | 1.1875-18 UNEF |
| 22                                                                        | 1.3125-18 UNEF | 22                                                                                                                     | 1.3125-18 UNEF |
| 24                                                                        | 1.4375-18 UNEF | 24                                                                                                                     | 1.4375-18 UNEF |

## Coupling Interface & Cable Entry

| H – Interface |            |                 |
|---------------|------------|-----------------|
| Shell Size    | A – Thread | Cable Entry Max |
| 09            | M12 x 1.0  | 05              |
| 11            | M15 x 1.0  | 07              |
| 13            | M18 x 1.0  | 09              |
| 15            | M22 x 1.0  | 11              |
| 17            | M25 x 1.0  | 13              |
| 19            | M28 x 1.0  | 14              |
| 21            | M31 x 1.0  | 16              |
| 23            | M34 x 1.0  | 18              |
| 25            | M37 x 1.0  | 20              |

| F, T – Interface |                  |                 |
|------------------|------------------|-----------------|
| Shell Size       | A – Thread       | Cable Entry Max |
| 09/08            | 7/16 - 28 UNEF   | 04              |
| 11/10            | 9/16 - 24 UNEF   | 06              |
| 13/12            | 11/16 - 24 UNEF  | 08              |
| 15/14            | 13/16 - 20 UNEF  | 10              |
| 17/16            | 15/16 - 20 UNEF  | 12              |
| 19/18            | 1-1/16 - 18 UNEF | 14              |
| 21/20            | 1-3/16 - 18 UNEF | 16              |
| 23/22            | 1-5/16 - 18 UNEF | 18              |
| 25/24            | 1-7/16 - 18 UNEF | 20              |

| A – Interface |                  |                 |
|---------------|------------------|-----------------|
| Shell Size    | A – Thread       | Cable Entry Max |
| 08            | 1/2 - 20 UNEF    | 04              |
| 10            | 5/8 - 24 UNEF    | 06              |
| 12            | 3/4 - 20 UNEF    | 08              |
| 14            | 7/8 - 20 UNEF    | 09              |
| 16            | 1 - 20 UNEF      | 11              |
| 18            | 1-1/16 - 18 UNEF | 12              |
| 20            | 1-3/16 - 18 UNEF | 14              |
| 22            | 1-5/16 - 18 UNEF | 16              |
| 24            | 1-7/16 - 18 UNEF | 18              |

**NOTE:** Adapters with other shell sizes and cable entries are possible on request



## Material & Finish Code

| Code | Material & Finish                    | Process                            | Salt Spray Hours |
|------|--------------------------------------|------------------------------------|------------------|
| A    | aluminum/black anodized              | conductive<br>up -65 to +175°C     | 336              |
| AH   | aluminum/hard anodized               | non-conductive<br>up -65 to +200°C | 336              |
| N    | aluminum/electroless nickel          | conductive<br>up -65 to +200°C     | 96               |
| W    | aluminum/olive drab cadmium          | conductive<br>up -65 to +175°C     | 500              |
| WS   | aluminum/olive drab cadmium          | conductive<br>up -65 to +175°C     | 1000             |
| Z    | aluminum/black zinc nickel           | conductive<br>up -65 to +175°C     | 500              |
| VB   | aluminum/black zinc cobalt           | conductive<br>up -65 to +175°C     | 350              |
| VO   | aluminum/olive drab zinc cobalt      | conductive<br>up -65 to +175°C     | 350              |
| NU   | nickel aluminium bronze/unplated     | conductive<br>up -65 to +200°C     | 1000             |
| NS   | nickel aluminium bronze/shot blasted | conductive<br>up -65 to +200°C     | 1000             |
| S    | stainless steel/passivation          | conductive<br>up -65 to +200°C     | 1000             |
| Y    | aluminum/gold yellow cadmium         | conductive<br>up -65 to +175°C     | 1000             |
| WC   | aluminum/clear cadmium               | conductive<br>up -65 to +175°C     | 1000             |
| L    | stainless steel/electroless nickel   | conductive<br>up -65 to +200°C     | 500              |

## Cross Reference List

| MIL-DTL-38999 series 3 & 4 |                                       |          |            |
|----------------------------|---------------------------------------|----------|------------|
| Series                     | MIL STYLE                             | GLENAIR  | TE/POLAMCO |
| Series BS                  | M85049/88,<br>M85049/89,<br>M85049/90 | 440HS030 | 91H        |
| Series MR                  | –                                     | 440HS084 | 60H        |
| Series SA                  | M85049/69                             | 310HS001 | 97H        |
| Series SS                  | M85049/115,<br>M85049/117             | 319HS001 | 70H        |
| Series SB                  | M85049/38                             | 620HS011 | 96H1       |
| Series AB                  | M85049/39                             | 620HA011 | 96H3       |
| Series LB                  | –                                     | 311HS001 | 95H        |
| Series QT                  | M85049/15,<br>M85049/16               | 450HS001 | 86H        |
| Series CR                  | M85049/20                             | –        | –          |
| Series BN                  | M85049/14                             | –        | –          |
| Series CCB-01              | –                                     | 370HS001 | 37H        |
| Series CCB-02              | –                                     | 360HS001 | 37H (NE)   |
| Series CCB-03              | –                                     | 390HS011 | 39H        |
| Series CCB-04              | M85049/19                             | 380HS005 | 39H (NE)   |
| Series CCB-06              | –                                     | 380HS105 | –          |
| Series UPB-01              | –                                     | 440HC030 | BTH3C      |
| Series BCB-01              | –                                     | 443HS009 | 88H        |
| Series BCB-02              | –                                     | 447HS425 | 88H (NE)   |

| MIL-DTL-38999 series 1 & 2 |                                       |          |            |
|----------------------------|---------------------------------------|----------|------------|
| Series                     | MIL STYLE                             | GLENAIR  | TE/POLAMCO |
| Series BS                  | M85049/85,<br>M85049/86,<br>M85049/87 | 440FS030 | 91F        |
| Series MR                  | –                                     | 440FS084 | 60F        |
| Series SA                  | M85049/62                             | 310FS001 | 97F        |
| Series SS                  | M85049/112,<br>M85049/114             | 319FS001 | 70F        |
| Series SB                  | M85049/49-2                           | 620FS011 | 96F1       |
| Series AB                  | M85049/47                             | 620FA011 | 96F3       |
| Series LB                  | –                                     | 311FS001 | 95F        |
| Series CR                  | M85049/26-1                           | 450FS001 | 86F        |

## Cross Reference List

| MIL-DTL-26482 series 2 |                                       |          |            |
|------------------------|---------------------------------------|----------|------------|
| Series                 | MIL STYLE                             | GLENAIR  | TE/POLAMCO |
| Series BS              | M85049/82,<br>M85049/83,<br>M85049/84 | 440AS030 | 91A        |
| Series MR              | –                                     | 440AS084 | 60A        |
| Series SA              | M85049/60-1                           | 310AS001 | 97A        |
| Series SS              | M85049/109,<br>M85049/111             | 319AS001 | 70A        |
| Series SB              | M85049/52                             | 620AS011 | 96A1       |
| Series AB              | M85049/51                             | 620AA011 | 96A3       |
| Series LB              | –                                     | 311AS001 | 95A        |
| Series CR              | M85049/33-2                           | –        | –          |

## Braid Terminations

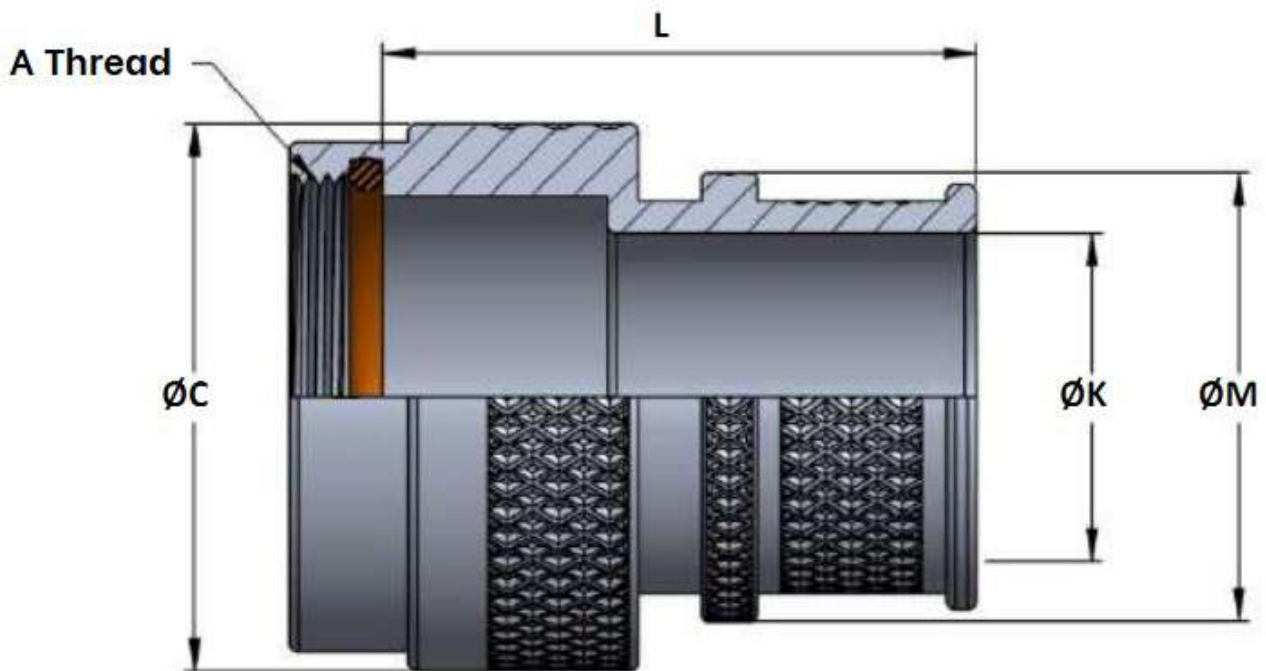
| Memory Ring                                                       | Spring                                                       |
|-------------------------------------------------------------------|--------------------------------------------------------------|
| <p>memory ring shrunk by the application of heat using a tool</p> | <p>spring wrapped around braid (without tooling)</p>         |
| Band                                                              | Thread Lock                                                  |
| <p>band clamped with calibrated tool</p>                          | <p>braid trapped in loose fitting male and female thread</p> |
| Crimp Ring                                                        | Cone                                                         |
| <p>product supplied with pre-terminated braid</p>                 | <p>braid clamped between cones</p>                           |



**MIL-DTL-38999 (series 1 & 2),  
MIL-DTL-26482 (series 1)**

## Series ALBS

EMI/RFI banding and shrink boot adapters, direct coupling



### Ordering information

| Basic Series                               | ALBS | -F | 1 | S | W | -18 | 07 | -ST | -T |
|--------------------------------------------|------|----|---|---|---|-----|----|-----|----|
| Connector Interface:                       |      |    |   |   |   |     |    |     |    |
| F – MIL-DTL-38999 (series 1 & 2)           |      |    |   |   |   |     |    |     |    |
| T – MIL-DTL-26482 (series 1)               |      |    |   |   |   |     |    |     |    |
| Coupling Ring Option:                      |      |    |   |   |   |     |    |     |    |
| 1 – direct coupling                        |      |    |   |   |   |     |    |     |    |
| Angle Code:                                |      |    |   |   |   |     |    |     |    |
| S – straight                               |      |    |   |   |   |     |    |     |    |
| Material & Finish Code                     |      |    |   |   |   |     |    |     |    |
| Shell Size                                 |      |    |   |   |   |     |    |     |    |
| Cable Entry Code                           |      |    |   |   |   |     |    |     |    |
| Length Code for Straight Parts:            |      |    |   |   |   |     |    |     |    |
| ST – for standard length (L) – 1.25"       |      |    |   |   |   |     |    |     |    |
| (1/2" increment, for example 8 = 4 inches) |      |    |   |   |   |     |    |     |    |
| Banding Option:                            |      |    |   |   |   |     |    |     |    |
| S – CF spring                              |      |    |   |   |   |     |    |     |    |
| T – termination band                       |      |    |   |   |   |     |    |     |    |
| Omit – for none                            |      |    |   |   |   |     |    |     |    |



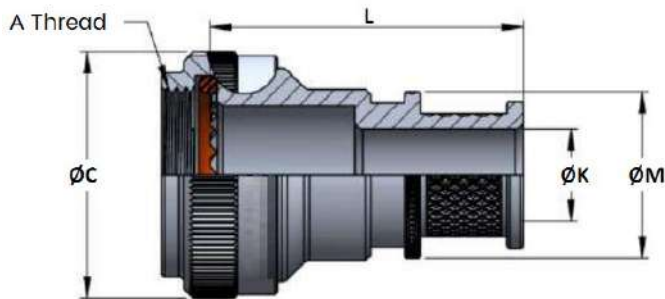
## Dimensions

| Shell Size      |                                    | A Thread         | Ø C MAX | Cable Entry Code |
|-----------------|------------------------------------|------------------|---------|------------------|
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |         |                  |
| 09              | 08                                 | 7/16 - 28 UNEF   | 18.80   | 02 – 04          |
| 11              | 10                                 | 9/16 - 24 UNEF   | 19.00   | 02 – 06          |
| 13              | 12                                 | 11/16 - 24 UNEF  | 22.16   | 02 – 08          |
| 15              | 14                                 | 13/16 - 20 UNEF  | 25.34   | 02 – 10          |
| 17              | 16                                 | 15/16 - 20 UNEF  | 29.31   | 02 – 12          |
| 19              | 18                                 | 1-1/16 - 18 UNEF | 32.49   | 02 – 14          |
| 21              | 20                                 | 1-3/16 - 18 UNEF | 36.46   | 02 – 16          |
| 23              | 22                                 | 1-5/16 - 18 UNEF | 39.63   | 02 – 18          |
| 25              | 24                                 | 1-7/16 - 18 UNEF | 41.48   | 02 – 20          |

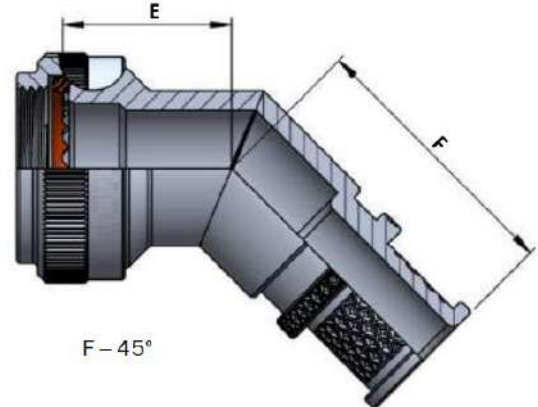
| Cable Entry Code | Ø K +0.20 | Ø M MAX |
|------------------|-----------|---------|
| 02               | 3.20      | 10.41   |
| 03               | 4.70      | 11.91   |
| 04               | 6.30      | 13.51   |
| 05               | 7.90      | 15.11   |
| 06               | 9.50      | 16.71   |
| 07               | 11.10     | 18.31   |
| 08               | 12.70     | 19.91   |
| 09               | 14.20     | 21.41   |
| 10               | 15.80     | 23.01   |
| 11               | 17.40     | 24.61   |
| 12               | 19.00     | 26.21   |
| 13               | 20.60     | 27.81   |
| 14               | 22.20     | 29.41   |
| 15               | 23.80     | 31.01   |
| 16               | 25.40     | 32.61   |
| 17               | 27.00     | 34.21   |
| 18               | 28.60     | 35.81   |
| 19               | 30.20     | 37.41   |
| 20               | 31.80     | 39.01   |

## Series ALBS

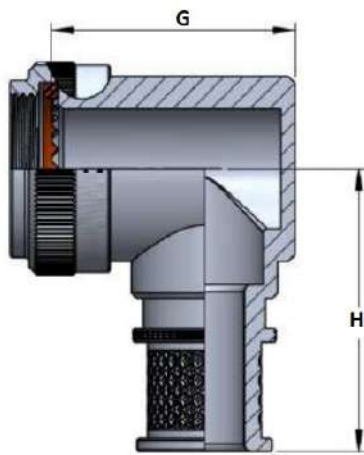
EMI/RFI banding and shrink boot adapters, spin coupling



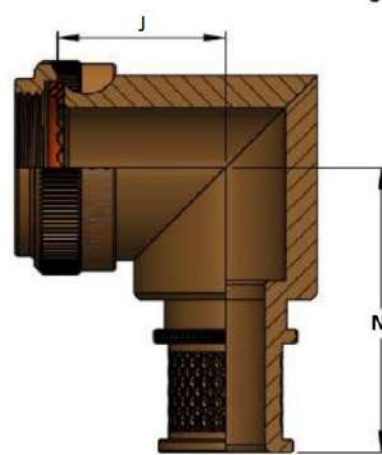
S – straight



F – 45°



N – 90°



N – 90°

stainless steel

nickel aluminium bronze

### Ordering information

| Basic Series                               | ALBS | -F | 3 | S | W | -18 | 07 | -8 | -T |
|--------------------------------------------|------|----|---|---|---|-----|----|----|----|
| Connector Interface:                       |      |    |   |   |   |     |    |    |    |
| F – MIL-DTL-38999 (series 1 & 2)           |      |    |   |   |   |     |    |    |    |
| T – MIL-DTL-26482 (series 1)               |      |    |   |   |   |     |    |    |    |
| Coupling Ring Option:                      |      |    |   |   |   |     |    |    |    |
| 3 – spin coupling                          |      |    |   |   |   |     |    |    |    |
| Angle Code:                                |      |    |   |   |   |     |    |    |    |
| S – straight                               |      |    |   |   |   |     |    |    |    |
| F – 45°                                    |      |    |   |   |   |     |    |    |    |
| N – 90°                                    |      |    |   |   |   |     |    |    |    |
| Material & Finish Code                     |      |    |   |   |   |     |    |    |    |
| Shell Size                                 |      |    |   |   |   |     |    |    |    |
| Cable Entry Code                           |      |    |   |   |   |     |    |    |    |
| Length Code for Straight Parts:            |      |    |   |   |   |     |    |    |    |
| ST – for standard length (L) – 1.25"       |      |    |   |   |   |     |    |    |    |
| (1/2" increment, for example 8 = 4 inches) |      |    |   |   |   |     |    |    |    |
| Banding Option:                            |      |    |   |   |   |     |    |    |    |
| S – CF spring                              |      |    |   |   |   |     |    |    |    |
| T – termination band                       |      |    |   |   |   |     |    |    |    |
| Omit – for none                            |      |    |   |   |   |     |    |    |    |

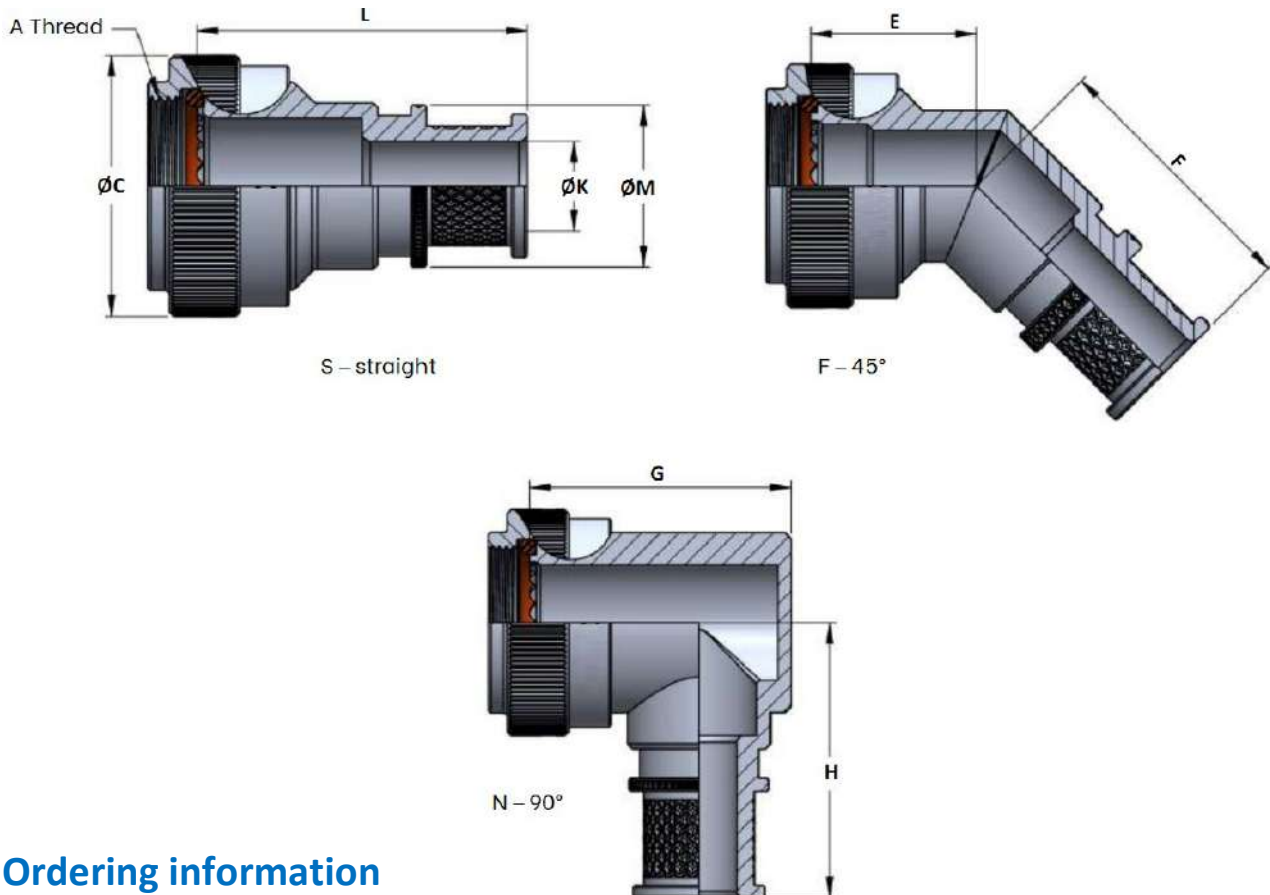
## Dimensions

| Shell Size      |                                    | A Thread         |          | Ø C MAX  |          | Cable Entry Code |          |
|-----------------|------------------------------------|------------------|----------|----------|----------|------------------|----------|
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |          |          |          |                  |          |
| 09              | 08                                 | 7/16 - 28 UNEF   |          | 18.30    |          | 02 – 05          |          |
| 11              | 10                                 | 9/16 - 24 UNEF   |          | 21.50    |          | 02 – 07          |          |
| 13              | 12                                 | 11/16 - 24 UNEF  |          | 24.80    |          | 02 – 08          |          |
| 15              | 14                                 | 13/16 - 20 UNEF  |          | 28.10    |          | 02 – 10          |          |
| 17              | 16                                 | 15/16 - 20 UNEF  |          | 31.10    |          | 04 – 12          |          |
| 19              | 18                                 | 1-1/16 - 18 UNEF |          | 34.30    |          | 05 – 12          |          |
| 21              | 20                                 | 1-3/16 - 18 UNEF |          | 37.60    |          | 05 – 14          |          |
| 23              | 22                                 | 1-5/16 - 18 UNEF |          | 40.80    |          | 06 – 16          |          |
| 25              | 24                                 | 1-7/16 - 18 UNEF |          | 44.00    |          | 07 – 20          |          |
| Shell Size      |                                    | E<br>MAX         | F<br>MAX | G<br>MAX | H<br>MAX | J<br>MAX         | N<br>MAX |
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |          |          |          |                  |          |
| 09              | 08                                 | 17.90            | 26.70    | 24.70    | 24.70    | 16.00            | 31.00    |
| 11              | 10                                 | 18.70            | 27.90    | 27.20    | 27.20    | 18.00            | 32.70    |
| 13              | 12                                 | 19.10            | 28.30    | 30.20    | 30.20    | 19.00            | 34.20    |
| 15              | 14                                 | 20.00            | 29.20    | 33.20    | 33.20    | 21.00            | 35.70    |
| 17              | 16                                 | 20.70            | 30.00    | 36.70    | 36.70    | 22.50            | 37.40    |
| 19              | 18                                 | 21.10            | 30.30    | 40.70    | 40.70    | 24.00            | 38.90    |
| 21              | 20                                 | 21.90            | 31.10    | 43.20    | 43.20    | 26.00            | 41.60    |
| 23              | 22                                 | 22.30            | 31.50    | 46.20    | 46.20    | 27.00            | 42.10    |
| 25              | 24                                 | 23.20            | 32.40    | 49.20    | 49.20    | 29.00            | 43.60    |

| Cable Entry Code | Ø K +0.20 | Ø M MAX | Cable Entry Code | Ø K +0.20 | Ø M MAX |
|------------------|-----------|---------|------------------|-----------|---------|
| 02               | 3.20      | 10.41   | 12               | 19.00     | 26.21   |
| 03               | 4.70      | 11.91   | 13               | 20.60     | 27.81   |
| 04               | 6.30      | 13.51   | 14               | 22.20     | 29.41   |
| 05               | 7.90      | 15.11   | 15               | 23.80     | 31.01   |
| 06               | 9.50      | 16.71   | 16               | 25.40     | 32.61   |
| 07               | 11.10     | 18.31   | 17               | 27.00     | 34.21   |
| 08               | 12.70     | 19.91   | 18               | 28.60     | 35.81   |
| 09               | 14.20     | 21.41   | 19               | 30.20     | 37.41   |
| 10               | 15.80     | 23.01   | 20               | 31.80     | 39.01   |
| 11               | 17.40     | 24.61   |                  |           |         |

## Series ALBS

EMI/RFI banding and shrink boot adapters, self locking coupling  
M85049/85, M85049/86, M85049/87



## Ordering information

| Basic Series                               | ALBS | -F | 5 | S | W | -18 | 07 | -8 | -T |
|--------------------------------------------|------|----|---|---|---|-----|----|----|----|
| Connector Interface:                       |      |    |   |   |   |     |    |    |    |
| F – MIL-DTL-38999 (series 1 & 2)           |      |    |   |   |   |     |    |    |    |
| T – MIL-DTL-26482 (series 1)               |      |    |   |   |   |     |    |    |    |
| Coupling Ring Option:                      |      |    |   |   |   |     |    |    |    |
| 5 – self locking coupling                  |      |    |   |   |   |     |    |    |    |
| Angle Code:                                |      |    |   |   |   |     |    |    |    |
| S – straight (M85049/85)                   |      |    |   |   |   |     |    |    |    |
| F – 45° (M85049/86)                        |      |    |   |   |   |     |    |    |    |
| N – 90° (M85049/87)                        |      |    |   |   |   |     |    |    |    |
| Material & Finish Code                     |      |    |   |   |   |     |    |    |    |
| Shell Size                                 |      |    |   |   |   |     |    |    |    |
| Cable Entry Code                           |      |    |   |   |   |     |    |    |    |
| Length Code for Straight Parts:            |      |    |   |   |   |     |    |    |    |
| ST – for standard length (L) – 1.25"       |      |    |   |   |   |     |    |    |    |
| (1/2" increment, for example 8 = 4 inches) |      |    |   |   |   |     |    |    |    |
| Banding Option:                            |      |    |   |   |   |     |    |    |    |
| S – CF spring                              |      |    |   |   |   |     |    |    |    |
| T – termination band                       |      |    |   |   |   |     |    |    |    |
| Omit – for none                            |      |    |   |   |   |     |    |    |    |

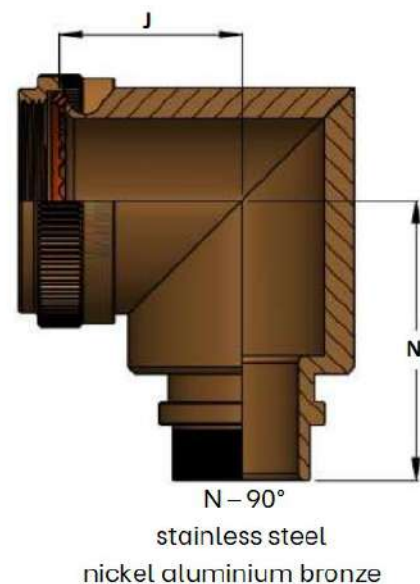
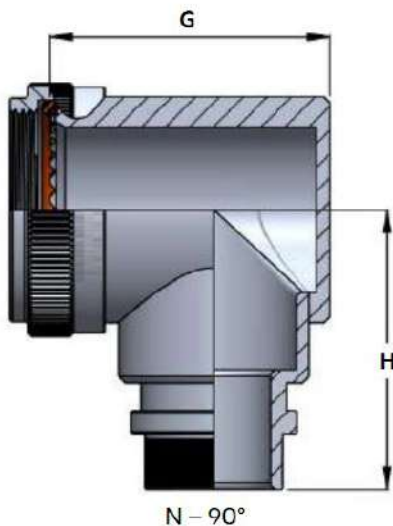
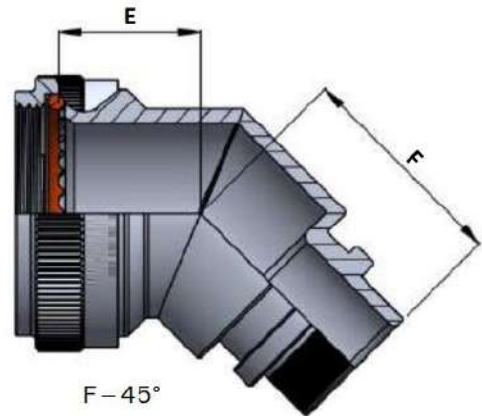
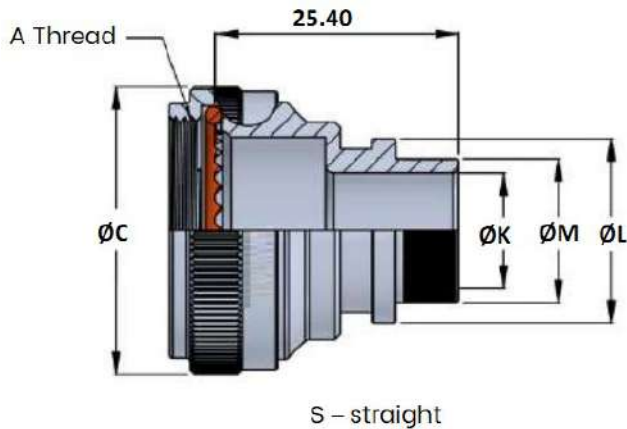
## Dimensions

| Shell Size      |                                    | A Thread         | Ø C MAX  | Cable Entry Code |          |
|-----------------|------------------------------------|------------------|----------|------------------|----------|
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |          |                  |          |
| 09              | 08                                 | 7/16 - 28 UNEF   | 21.80    | 02 – 05          |          |
| 11              | 10                                 | 9/16 - 24 UNEF   | 25.00    | 02 – 07          |          |
| 13              | 12                                 | 11/16 - 24 UNEF  | 29.35    | 02 – 08          |          |
| 15              | 14                                 | 13/16 - 20 UNEF  | 32.54    | 02 – 10          |          |
| 17              | 16                                 | 15/16 - 20 UNEF  | 35.70    | 04 – 12          |          |
| 19              | 18                                 | 1-1/16 - 18 UNEF | 38.50    | 05 – 12          |          |
| 21              | 20                                 | 1-3/16 - 18 UNEF | 41.65    | 05 – 14          |          |
| 23              | 22                                 | 1-5/16 - 18 UNEF | 44.85    | 06 – 16          |          |
| 25              | 24                                 | 1-7/16 - 18 UNEF | 48.00    | 07 – 20          |          |
| Shell Size      |                                    | E<br>MAX         | F<br>MAX | G<br>MAX         | H<br>MAX |
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |          |                  |          |
| 09              | 08                                 | 18.40            | 26.70    | 29.00            | 31.00    |
| 11              | 10                                 | 19.20            | 27.90    | 32.50            | 32.70    |
| 13              | 12                                 | 19.60            | 28.30    | 35.50            | 34.20    |
| 15              | 14                                 | 20.50            | 29.20    | 38.50            | 35.70    |
| 17              | 16                                 | 21.20            | 30.00    | 42.00            | 37.40    |
| 19              | 18                                 | 21.60            | 30.30    | 46.00            | 38.90    |
| 21              | 20                                 | 22.40            | 31.10    | 48.50            | 41.60    |
| 23              | 22                                 | 22.80            | 31.50    | 51.50            | 42.10    |
| 25              | 24                                 | 23.70            | 32.40    | 54.00            | 43.60    |

| Cable Entry Code | Ø K +0.20 | Ø M MAX | Cable Entry Code | Ø K +0.20 | Ø M MAX |
|------------------|-----------|---------|------------------|-----------|---------|
| 02               | 3.20      | 10.41   | 12               | 19.00     | 26.21   |
| 03               | 4.70      | 11.91   | 13               | 20.60     | 27.81   |
| 04               | 6.30      | 13.51   | 14               | 22.20     | 29.41   |
| 05               | 7.90      | 15.11   | 15               | 23.80     | 31.01   |
| 06               | 9.50      | 16.71   | 16               | 25.40     | 32.61   |
| 07               | 11.10     | 18.31   | 17               | 27.00     | 34.21   |
| 08               | 12.70     | 19.91   | 18               | 28.60     | 35.81   |
| 09               | 14.20     | 21.41   | 19               | 30.20     | 37.41   |
| 10               | 15.80     | 23.01   | 20               | 31.80     | 39.01   |
| 11               | 17.40     | 24.61   |                  |           |         |

## Series ALMR

### EMI/RFI memory ring shrink boot adapters, spin coupling



### Ordering information

| Basic Series                               | ALMR | -F | 3 | S | W | -18 | 07 | -8 |
|--------------------------------------------|------|----|---|---|---|-----|----|----|
| Connector Interface:                       |      |    |   |   |   |     |    |    |
| F - MIL-DTL-38999 (series 1 & 2)           |      |    |   |   |   |     |    |    |
| T - MIL-DTL-26482 (series 1)               |      |    |   |   |   |     |    |    |
| Coupling Ring Option:                      |      |    |   |   |   |     |    |    |
| 3 - spin coupling                          |      |    |   |   |   |     |    |    |
| Angle Code:                                |      |    |   |   |   |     |    |    |
| S - straight                               |      |    |   |   |   |     |    |    |
| F - 45°                                    |      |    |   |   |   |     |    |    |
| N - 90°                                    |      |    |   |   |   |     |    |    |
| Material & Finish Code                     |      |    |   |   |   |     |    |    |
| Shell Size                                 |      |    |   |   |   |     |    |    |
| Cable Entry Code                           |      |    |   |   |   |     |    |    |
| Length Code for Straight Parts:            |      |    |   |   |   |     |    |    |
| ST - for standard length (L) - 1.00"       |      |    |   |   |   |     |    |    |
| (1/2" increment, for example 8 = 4 inches) |      |    |   |   |   |     |    |    |

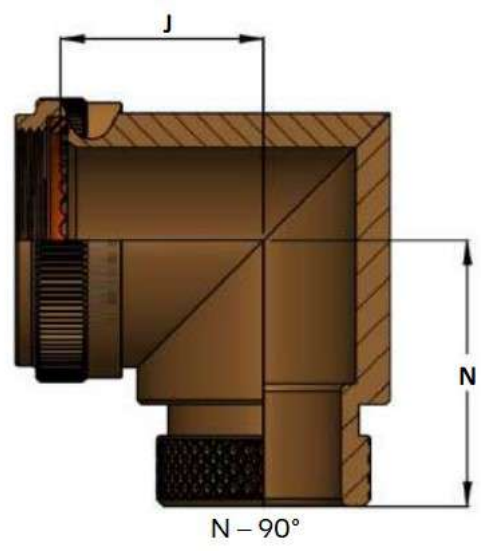
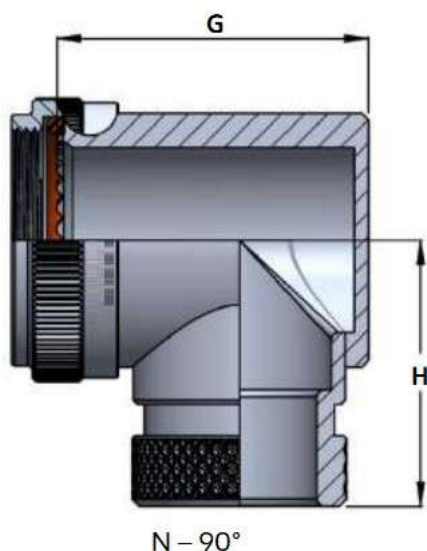
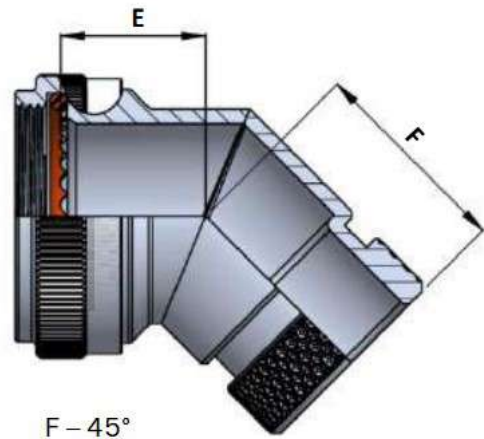
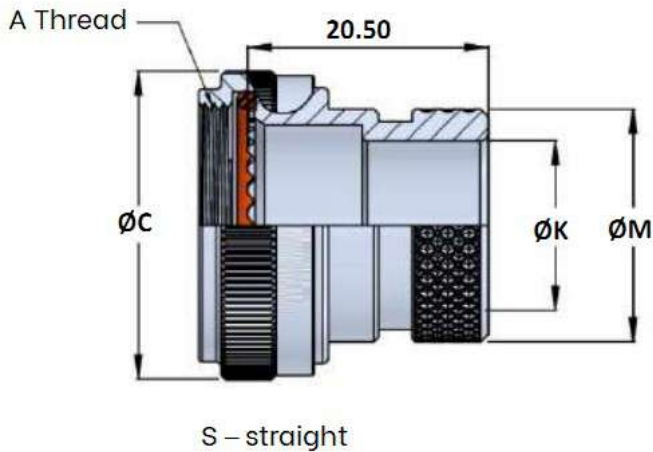
## Dimensions

| Shell Size      |                                    | A Thread         | Ø C MAX  |          | Cable Entry Code |          |          |
|-----------------|------------------------------------|------------------|----------|----------|------------------|----------|----------|
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |          |          |                  |          |          |
| 09              | 08                                 | 7/16 - 28 UNEF   | 18.30    |          | 04 – 05          |          |          |
| 11              | 10                                 | 9/16 - 24 UNEF   | 21.50    |          | 04 – 07          |          |          |
| 13              | 12                                 | 11/16 - 24 UNEF  | 24.80    |          | 04 – 08          |          |          |
| 15              | 14                                 | 13/16 - 20 UNEF  | 28.10    |          | 04 – 10          |          |          |
| 17              | 16                                 | 15/16 - 20 UNEF  | 31.10    |          | 04 – 12          |          |          |
| 19              | 18                                 | 1-1/16 - 18 UNEF | 34.30    |          | 04 – 12          |          |          |
| 21              | 20                                 | 1-3/16 - 18 UNEF | 37.60    |          | 04 – 14          |          |          |
| 23              | 22                                 | 1-5/16 - 18 UNEF | 40.80    |          | 04 – 16          |          |          |
| 25              | 24                                 | 1-7/16 - 18 UNEF | 44.00    |          | 04 – 20          |          |          |
| Shell Size      |                                    | E<br>MAX         | F<br>MAX | G<br>MAX | H<br>MAX         | J<br>MAX | N<br>MAX |
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |          |          |                  |          |          |
| 09              | 08                                 | 17.90            | 21.60    | 24.70    | 27.00            | 16.00    | 27.50    |
| 11              | 10                                 | 18.70            | 22.40    | 27.20    | 28.70            | 18.00    | 29.20    |
| 13              | 12                                 | 19.10            | 23.30    | 30.20    | 30.20            | 19.00    | 30.70    |
| 15              | 14                                 | 20.00            | 23.70    | 33.20    | 31.70            | 21.00    | 32.20    |
| 17              | 16                                 | 20.70            | 24.50    | 36.70    | 33.40            | 22.50    | 33.90    |
| 19              | 18                                 | 21.10            | 24.80    | 40.70    | 35.00            | 24.00    | 35.50    |
| 21              | 20                                 | 21.90            | 25.60    | 43.20    | 36.60            | 26.00    | 37.10    |
| 23              | 22                                 | 22.30            | 26.50    | 46.20    | 38.10            | 27.00    | 38.60    |
| 25              | 24                                 | 23.20            | 26.90    | 49.20    | 39.60            | 29.00    | 40.10    |

| Cable Entry Code | Ø K +0.20 | Ø M MAX | Ø L MAX | Cable Entry Code | Ø K +0.20 | Ø M MAX | Ø L MAX |
|------------------|-----------|---------|---------|------------------|-----------|---------|---------|
| 04               | 6.30      | 9.64    | 14.14   | 12               | 19.00     | 22.34   | 26.84   |
| 05               | 7.90      | 11.24   | 15.74   | 14               | 22.20     | 25.54   | 30.04   |
| 06               | 9.50      | 12.84   | 17.34   | 16               | 25.40     | 28.74   | 33.24   |
| 07               | 11.10     | 14.44   | 18.94   | 18               | 28.60     | 31.94   | 36.44   |
| 08               | 12.70     | 16.04   | 20.54   | 20               | 31.80     | 35.14   | 39.64   |
| 10               | 15.80     | 19.14   | 23.64   |                  |           |         |         |

## Series ALSA

### Shrink boot adapters, spin coupling. M85049/62



stainless steel  
nickel aluminium bronze

### Ordering information

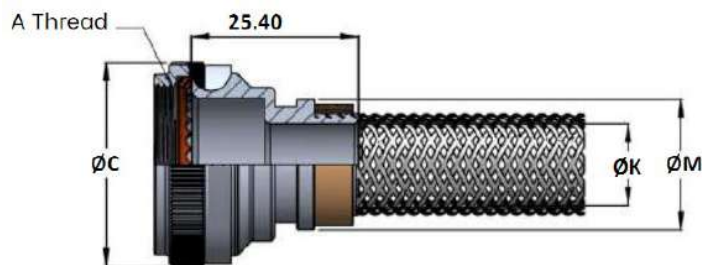
| Basic Series                     | ALSA | -F | 3 | S | W | -18 | DH |
|----------------------------------|------|----|---|---|---|-----|----|
| Connector Interface:             |      |    |   |   |   |     |    |
| F – MIL-DTL-38999 (series 1 & 2) |      |    |   |   |   |     |    |
| T – MIL-DTL-26482 (series 1)     |      |    |   |   |   |     |    |
| Coupling Ring Option:            |      |    |   |   |   |     |    |
| 3 – spin coupling                |      |    |   |   |   |     |    |
| Angle Code:                      |      |    |   |   |   |     |    |
| S – straight (M85049/62)         |      |    |   |   |   |     |    |
| F – 45°                          |      |    |   |   |   |     |    |
| N – 90°                          |      |    |   |   |   |     |    |
| Material & Finish Code           |      |    |   |   |   |     |    |
| Shell Size                       |      |    |   |   |   |     |    |
| Drain Holes Option:              |      |    |   |   |   |     |    |
| DH – Drain Holes                 |      |    |   |   |   |     |    |
| Omit – for none                  |      |    |   |   |   |     |    |

## Dimensions

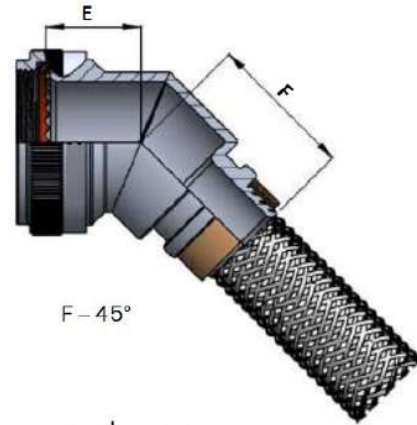
| Shell Size      |                                    | A Thread         | Ø C MAX  | Ø K      | Ø M      |          |          |
|-----------------|------------------------------------|------------------|----------|----------|----------|----------|----------|
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |          |          |          |          |          |
| 09              | 08                                 | 7/16 - 28 UNEF   | 18.30    | 6.35     | 13.54    |          |          |
| 11              | 10                                 | 9/16 - 24 UNEF   | 21.50    | 9.52     | 15.37    |          |          |
| 13              | 12                                 | 11/16 - 24 UNEF  | 24.80    | 12.70    | 19.66    |          |          |
| 15              | 14                                 | 13/16 - 20 UNEF  | 28.10    | 15.88    | 21.29    |          |          |
| 17              | 16                                 | 15/16 - 20 UNEF  | 31.10    | 19.05    | 24.46    |          |          |
| 19              | 18                                 | 1-1/16 - 18 UNEF | 34.30    | 20.62    | 26.47    |          |          |
| 21              | 20                                 | 1-3/16 - 18 UNEF | 37.60    | 23.80    | 30.91    |          |          |
| 23              | 22                                 | 1-5/16 - 18 UNEF | 40.80    | 26.97    | 34.42    |          |          |
| 25              | 24                                 | 1-7/16 - 18 UNEF | 44.00    | 30.18    | 36.65    |          |          |
| Shell Size      |                                    | E<br>MAX         | F<br>MAX | G<br>MAX | H<br>MAX | J<br>MAX | N<br>MAX |
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |          |          |          |          |          |
| 09              | 08                                 | 17.90            | 18.60    | 24.70    | 26.00    | 16.00    | 26.00    |
| 11              | 10                                 | 18.70            | 19.40    | 27.20    | 27.80    | 18.00    | 27.80    |
| 13              | 12                                 | 19.10            | 20.30    | 30.20    | 39.20    | 19.00    | 39.20    |
| 15              | 14                                 | 20.00            | 20.60    | 33.20    | 30.70    | 21.00    | 30.70    |
| 17              | 16                                 | 20.70            | 21.40    | 36.70    | 32.40    | 22.50    | 32.40    |
| 19              | 18                                 | 21.10            | 21.80    | 40.70    | 34.00    | 24.00    | 34.00    |
| 21              | 20                                 | 21.90            | 22.60    | 43.20    | 36.00    | 26.00    | 36.00    |
| 23              | 22                                 | 22.30            | 23.50    | 46.20    | 37.20    | 27.00    | 37.20    |
| 25              | 24                                 | 23.20            | 23.90    | 49.20    | 38.60    | 29.00    | 38.60    |

## Series ALSS

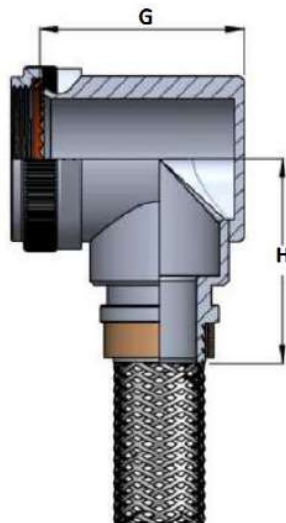
EMI/RFI shield sock shrink boot adapters, spin coupling  
M85049/112 & M85049/114



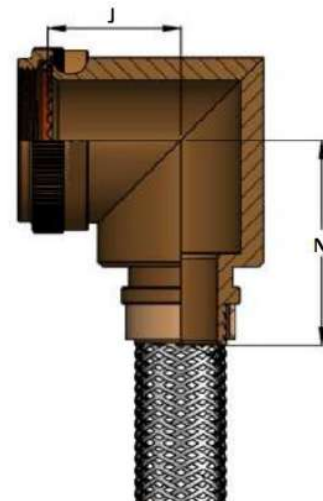
S – straight



F – 45°



N – 90°



N – 90°

stainless steel

nickel aluminium bronze

### Ordering information

| Basic Series                                                                                      | ALSS | -F | 3 | S | W | -18 | 07 | -08 | -6 |
|---------------------------------------------------------------------------------------------------|------|----|---|---|---|-----|----|-----|----|
| Connector Interface:                                                                              |      |    |   |   |   |     |    |     |    |
| F – MIL-DTL-38999 (series 1 & 2)                                                                  |      |    |   |   |   |     |    |     |    |
| T – MIL-DTL-26482 (series 1)                                                                      |      |    |   |   |   |     |    |     |    |
| Coupling Ring Option:                                                                             |      |    |   |   |   |     |    |     |    |
| 3 – spin coupling                                                                                 |      |    |   |   |   |     |    |     |    |
| Angle Code:                                                                                       |      |    |   |   |   |     |    |     |    |
| S – straight (M85049/112)                                                                         |      |    |   |   |   |     |    |     |    |
| F – 45°                                                                                           |      |    |   |   |   |     |    |     |    |
| N – 90° (M85049/114)                                                                              |      |    |   |   |   |     |    |     |    |
| Material & Finish Code                                                                            |      |    |   |   |   |     |    |     |    |
| Shell Size                                                                                        |      |    |   |   |   |     |    |     |    |
| Cable Entry Code                                                                                  |      |    |   |   |   |     |    |     |    |
| Braid Length Code:                                                                                |      |    |   |   |   |     |    |     |    |
| Standard supply will be 6.00" (custom option available in 1" increment. for example 8 = 8 inches) |      |    |   |   |   |     |    |     |    |
| Length Code for Straight Parts:                                                                   |      |    |   |   |   |     |    |     |    |
| ST – for standard length (L) – 1.00"                                                              |      |    |   |   |   |     |    |     |    |
| (1/2" increment, for example 8 = 4 inches)                                                        |      |    |   |   |   |     |    |     |    |

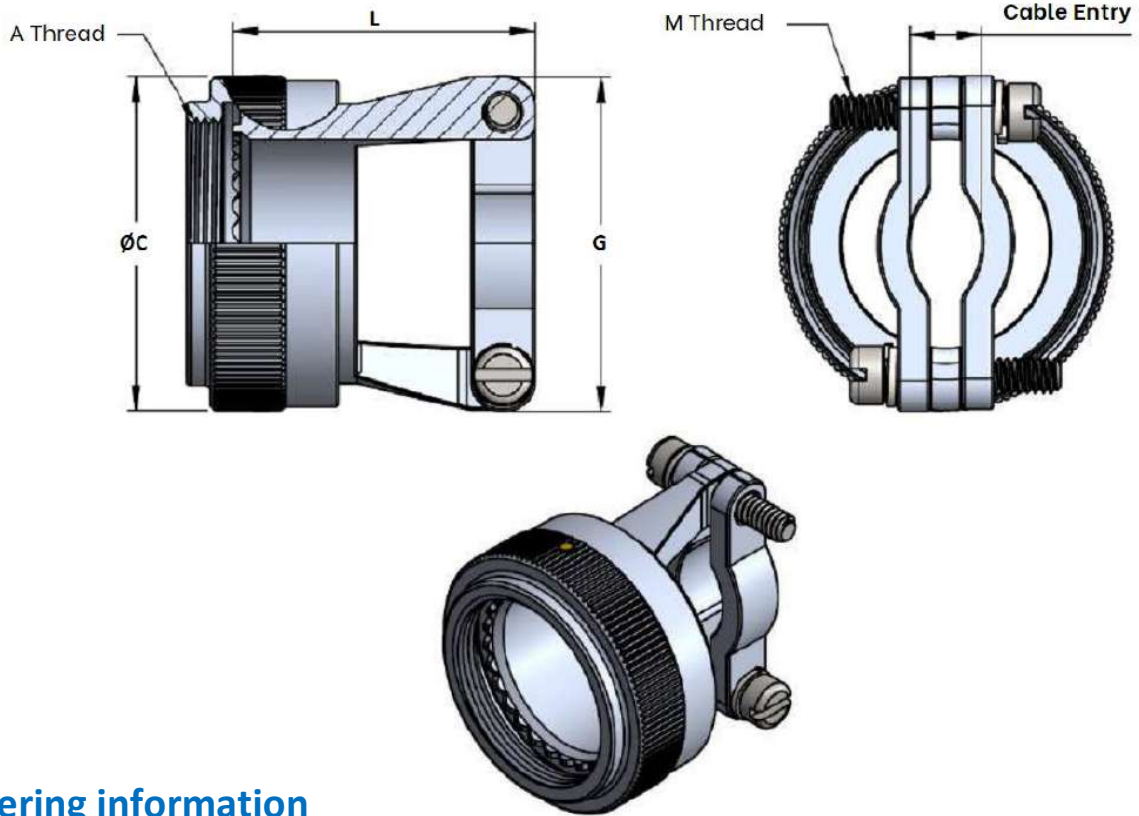
## Dimensions

| Shell Size      |                                    | A Thread         | Ø C MAX  |          | Cable Entry Code |          |          |
|-----------------|------------------------------------|------------------|----------|----------|------------------|----------|----------|
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |          |          |                  |          |          |
| 09              | 08                                 | 7/16 - 28 UNEF   | 18.30    |          | 03 – 04          |          |          |
| 11              | 10                                 | 9/16 - 24 UNEF   | 21.50    |          | 03 – 06          |          |          |
| 13              | 12                                 | 11/16 - 24 UNEF  | 24.80    |          | 03 – 08          |          |          |
| 15              | 14                                 | 13/16 - 20 UNEF  | 28.10    |          | 03 – 09          |          |          |
| 17              | 16                                 | 15/16 - 20 UNEF  | 31.10    |          | 03 – 11          |          |          |
| 19              | 18                                 | 1-1/16 - 18 UNEF | 34.30    |          | 03 – 13          |          |          |
| 21              | 20                                 | 1-3/16 - 18 UNEF | 37.60    |          | 03 – 15          |          |          |
| 23              | 22                                 | 1-5/16 - 18 UNEF | 40.80    |          | 03 – 17          |          |          |
| 25              | 24                                 | 1-7/16 - 18 UNEF | 44.00    |          | 03 – 18          |          |          |
| Shell Size      |                                    | E<br>MAX         | F<br>MAX | G<br>MAX | H<br>MAX         | J<br>MAX | N<br>MAX |
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |          |          |                  |          |          |
| 09              | 08                                 | 17.90            | 18.10    | 24.70    | 25.00            | 16.00    | 25.00    |
| 11              | 10                                 | 18.70            | 19.20    | 27.20    | 26.70            | 18.00    | 26.70    |
| 13              | 12                                 | 19.10            | 19.60    | 30.20    | 28.20            | 19.00    | 28.20    |
| 15              | 14                                 | 20.00            | 20.50    | 33.20    | 29.70            | 21.00    | 29.70    |
| 17              | 16                                 | 20.70            | 21.30    | 36.70    | 31.40            | 22.50    | 31.40    |
| 19              | 18                                 | 21.10            | 21.80    | 40.70    | 33.00            | 24.00    | 33.00    |
| 21              | 20                                 | 21.90            | 22.70    | 43.20    | 34.60            | 26.00    | 34.60    |
| 23              | 22                                 | 22.30            | 23.00    | 46.20    | 36.10            | 27.00    | 36.10    |
| 25              | 24                                 | 23.20            | 23.90    | 49.20    | 37.60            | 29.00    | 37.60    |

| Cable Entry Code | Ø K +0.20 | Ø M MAX | Cable Entry Code | Ø K +0.20 | Ø M MAX |
|------------------|-----------|---------|------------------|-----------|---------|
| 03               | 4.70      | 12.40   | 11               | 17.40     | 25.10   |
| 04               | 6.30      | 14.00   | 12               | 19.00     | 26.70   |
| 05               | 7.90      | 15.60   | 13               | 20.60     | 28.30   |
| 06               | 9.50      | 17.20   | 14               | 22.20     | 29.90   |
| 07               | 11.10     | 18.80   | 15               | 23.80     | 31.50   |
| 08               | 12.70     | 20.40   | 16               | 25.40     | 33.10   |
| 09               | 14.20     | 21.90   | 17               | 27.00     | 34.70   |
| 10               | 15.80     | 23.50   | 18               | 28.60     | 36.30   |

## Series ALSB

### Straight Strain Reliefs, spin coupling. M85049/49-2



### Ordering information

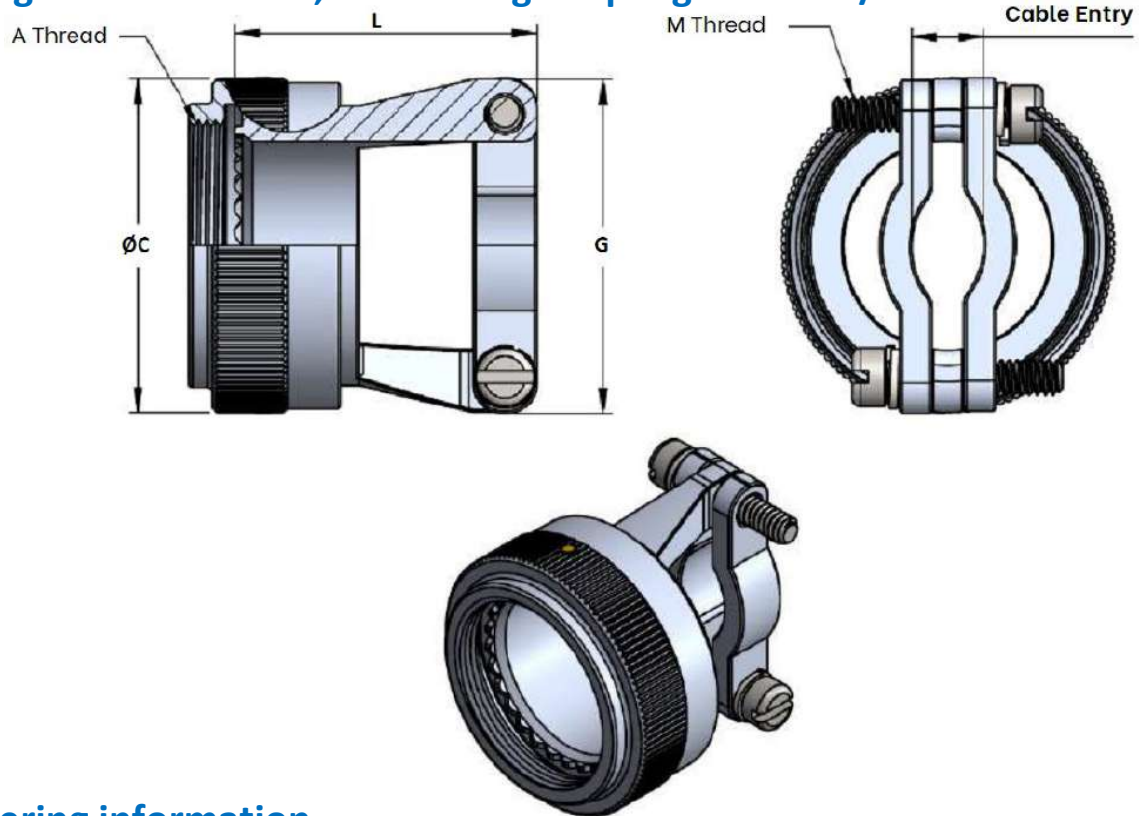
| Basic Series                     |  | ALSB | -F | 3 | S | -14 |
|----------------------------------|--|------|----|---|---|-----|
| Connector Interface:             |  |      |    |   |   |     |
| F – MIL-DTL-38999 (series 1 & 2) |  |      |    |   |   |     |
| T – MIL-DTL-26482 (series 1)     |  |      |    |   |   |     |
| Coupling Ring Option:            |  |      |    |   |   |     |
| 3 – spin coupling                |  |      |    |   |   |     |
| Material & Finish Code           |  |      |    |   |   |     |
| Shell Size                       |  |      |    |   |   |     |

### Dimensions

| Shell Size         |                                    | A Thread         | Ø C<br>MAX | Cable Entry   | L<br>MAX | G<br>MAX | M<br>Thread |
|--------------------|------------------------------------|------------------|------------|---------------|----------|----------|-------------|
| 38999,<br>series 1 | 38999, series 2<br>26482, series 1 |                  |            |               |          |          |             |
| 09                 | 08                                 | 7/16 - 28 UNEF   | 18.30      | 2.49 – 5.94   | 21.80    | 21.60    | 6-32        |
| 11                 | 10                                 | 9/16 - 24 UNEF   | 21.50      | 3.89 – 5.94   | 21.80    | 22.90    | 6-32        |
| 13                 | 12                                 | 11/16 - 24 UNEF  | 24.80      | 4.83 – 8.33   | 23.00    | 27.90    | 6-32        |
| 15                 | 14                                 | 13/16 - 20 UNEF  | 28.10      | 6.60 – 11.61  | 23.00    | 29.20    | 6-32        |
| 17                 | 16                                 | 15/16 - 20 UNEF  | 31.10      | 7.19 – 15.60  | 25.00    | 33.00    | 6-32        |
| 19                 | 18                                 | 1-1/16 - 18 UNEF | 34.30      | 8.26 – 16.10  | 28.00    | 38.10    | 8-32        |
| 21                 | 20                                 | 1-3/16 - 18 UNEF | 37.60      | 8.71 – 17.73  | 29.50    | 40.60    | 8-32        |
| 23                 | 22                                 | 1-5/16 - 18 UNEF | 40.80      | 9.68 – 20.90  | 33.00    | 43.20    | 8-32        |
| 25                 | 24                                 | 1-7/16 - 18 UNEF | 44.00      | 10.62 – 21.67 | 36.00    | 45.70    | 8-32        |

## Series ALSB

### Straight Strain Reliefs, self locking coupling. M85049/49-2



### Ordering information

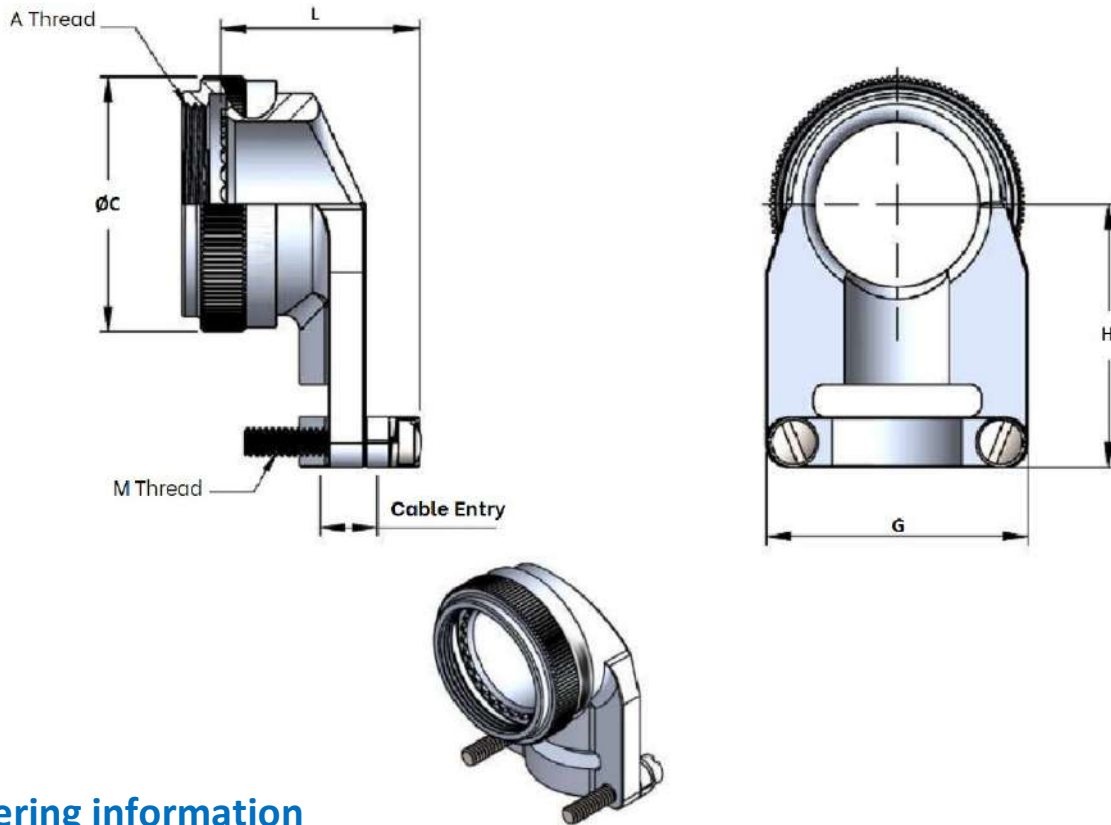
| Basic Series                     | ALSB | -F | 5 | S | -14 |
|----------------------------------|------|----|---|---|-----|
| Connector Interface:             |      |    |   |   |     |
| F – MIL-DTL-38999 (series 1 & 2) |      |    |   |   |     |
| T – MIL-DTL-26482 (series 1)     |      |    |   |   |     |
| Coupling Ring Option:            |      |    |   |   |     |
| 5 – self locking coupling        |      |    |   |   |     |
| Material & Finish Code           |      |    |   |   |     |
| Shell Size                       |      |    |   |   |     |

### Dimensions

| Shell Size         |                                    | A Thread         | Ø C<br>MAX | Cable Entry   | L<br>MAX | G<br>MAX | M<br>Thread |
|--------------------|------------------------------------|------------------|------------|---------------|----------|----------|-------------|
| 38999,<br>series 1 | 38999, series 2<br>26482, series 1 |                  |            |               |          |          |             |
| 09                 | 08                                 | 7/16 - 28 UNEF   | 21.80      | 2.49 – 5.94   | 23.10    | 21.60    | 6-32        |
| 11                 | 10                                 | 9/16 - 24 UNEF   | 25.00      | 3.89 – 5.94   | 23.10    | 22.90    | 6-32        |
| 13                 | 12                                 | 11/16 - 24 UNEF  | 29.35      | 4.83 – 8.33   | 25.70    | 27.90    | 6-32        |
| 15                 | 14                                 | 13/16 - 20 UNEF  | 32.54      | 6.60 – 11.61  | 26.90    | 29.20    | 6-32        |
| 17                 | 16                                 | 15/16 - 20 UNEF  | 35.70      | 7.19 – 15.60  | 29.50    | 33.00    | 6-32        |
| 19                 | 18                                 | 1-1/16 - 18 UNEF | 38.50      | 8.26 – 16.10  | 35.80    | 38.10    | 8-32        |
| 21                 | 20                                 | 1-3/16 - 18 UNEF | 41.65      | 8.71 – 17.73  | 38.40    | 40.60    | 8-32        |
| 23                 | 22                                 | 1-5/16 - 18 UNEF | 44.85      | 9.68 – 20.90  | 42.20    | 43.20    | 8-32        |
| 25                 | 24                                 | 1-7/16 - 18 UNEF | 48.00      | 10.62 – 21.67 | 44.70    | 45.70    | 8-32        |

## Series ALAB

### 90° Strain Reliefs, spin coupling. M85049/47



### Ordering information

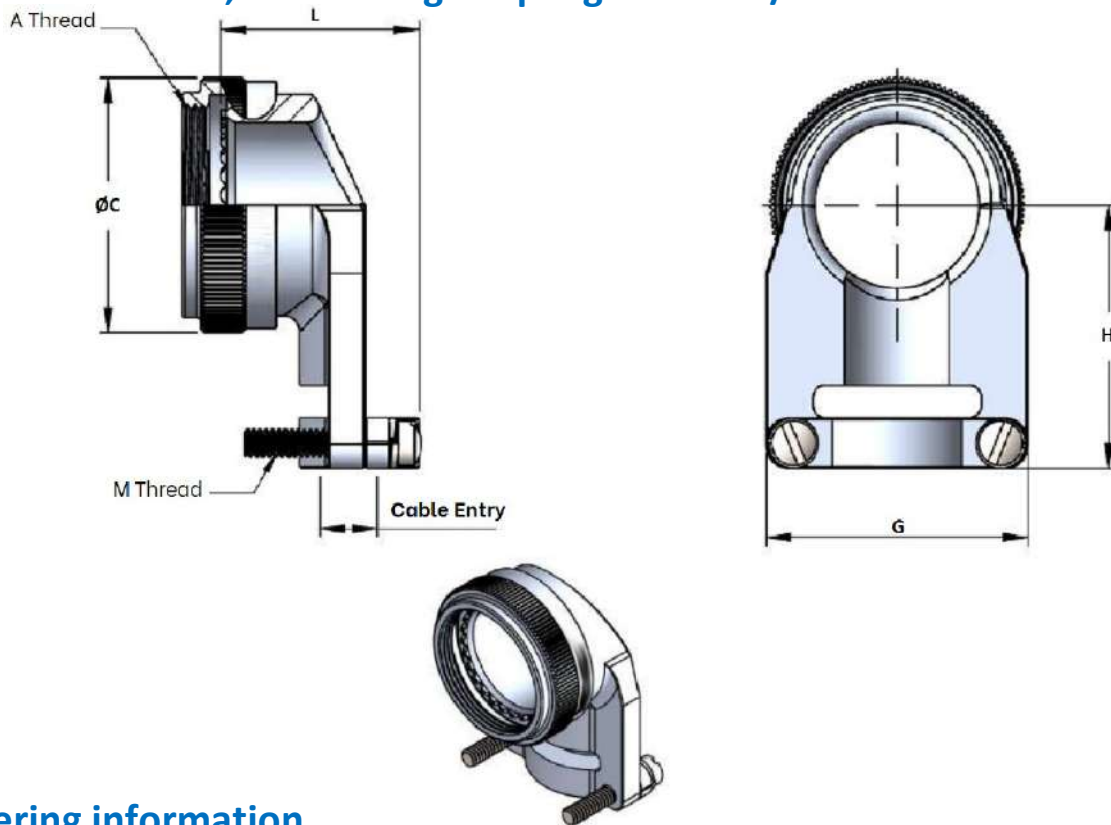
| Basic Series                     | ALAB | -F | 3 | S | -14 |
|----------------------------------|------|----|---|---|-----|
| Connector Interface:             |      |    |   |   |     |
| F – MIL-DTL-38999 (series 1 & 2) |      |    |   |   |     |
| T – MIL-DTL-26482 (series 1)     |      |    |   |   |     |
| Coupling Ring Option:            |      |    |   |   |     |
| 3 – spin coupling                |      |    |   |   |     |
| Material & Finish Code           |      |    |   |   |     |
| Shell Size                       |      |    |   |   |     |

### Dimensions

| Shell Size         |                                    | A Thread         | Ø C<br>MAX | Cable Entry   | L<br>MAX | G<br>MAX | H<br>MAX | M<br>Thread |
|--------------------|------------------------------------|------------------|------------|---------------|----------|----------|----------|-------------|
| 38999,<br>series 1 | 38999, series 2<br>26482, series 1 |                  |            |               |          |          |          |             |
| 09                 | 08                                 | 7/16 - 28 UNEF   | 18.30      | 2.49 – 5.94   | 25.70    | 21.60    | 25.40    | 6-32        |
| 11                 | 10                                 | 9/16 - 24 UNEF   | 21.50      | 3.89 – 5.94   | 25.70    | 22.90    | 27.90    | 6-32        |
| 13                 | 12                                 | 11/16 - 24 UNEF  | 24.80      | 4.83 – 8.33   | 30.70    | 27.90    | 27.90    | 6-32        |
| 15                 | 14                                 | 13/16 - 20 UNEF  | 28.10      | 6.60 – 11.61  | 32.00    | 29.20    | 31.80    | 6-32        |
| 17                 | 16                                 | 15/16 - 20 UNEF  | 31.10      | 7.19 – 15.60  | 35.80    | 33.00    | 33.00    | 6-32        |
| 19                 | 18                                 | 1-1/16 - 18 UNEF | 34.30      | 8.26 – 16.10  | 38.40    | 38.10    | 34.30    | 8-32        |
| 21                 | 20                                 | 1-3/16 - 18 UNEF | 37.60      | 8.71 – 17.73  | 42.20    | 40.60    | 40.60    | 8-32        |
| 23                 | 22                                 | 1-5/16 - 18 UNEF | 40.80      | 9.68 – 20.90  | 44.70    | 43.20    | 44.50    | 8-32        |
| 25                 | 24                                 | 1-7/16 - 18 UNEF | 44.00      | 10.62 – 21.67 | 48.50    | 45.70    | 47.00    | 8-32        |

## Series ALSB

### 90° Strain Reliefs, self locking coupling. M85049/47



### Ordering information

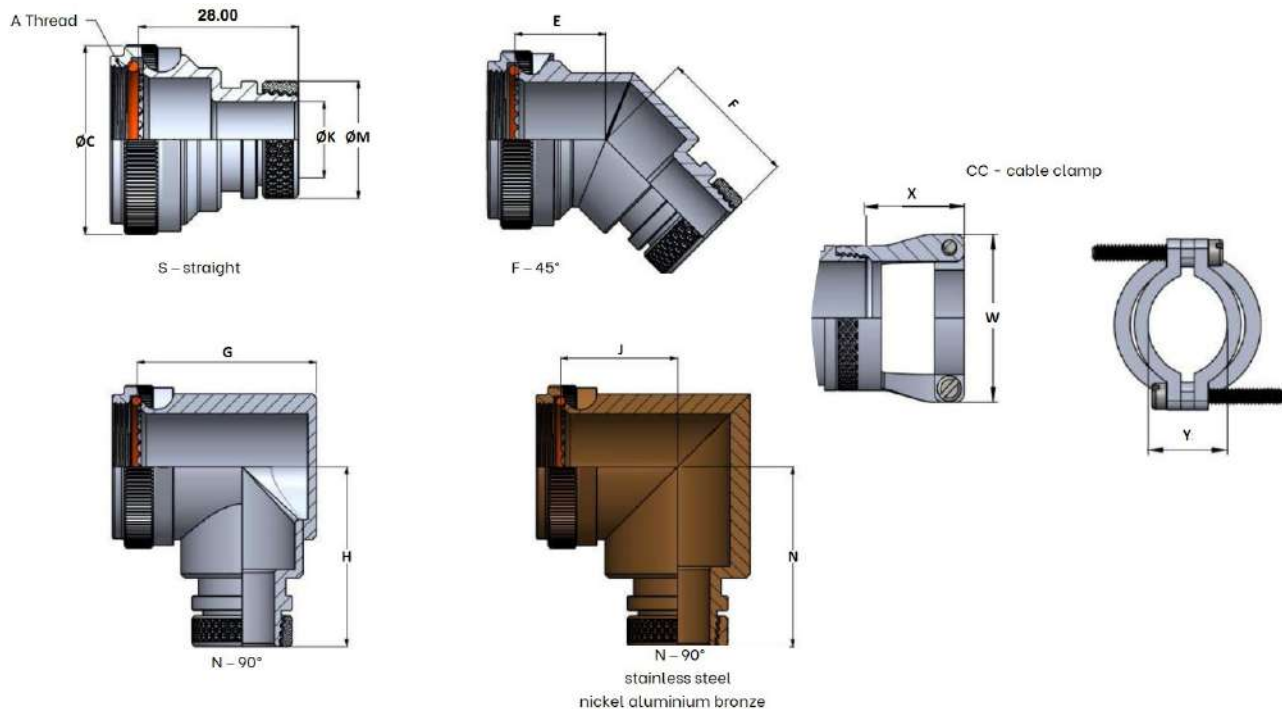
| Basic Series                     | ALAB | -F | 5 | S | -14 |
|----------------------------------|------|----|---|---|-----|
| Connector Interface:             |      |    |   |   |     |
| F – MIL-DTL-38999 (series 1 & 2) |      |    |   |   |     |
| T – MIL-DTL-26482 (series 1)     |      |    |   |   |     |
| Coupling Ring Option:            |      |    |   |   |     |
| 5 – self locking coupling        |      |    |   |   |     |
| Material & Finish Code           |      |    |   |   |     |
| Shell Size                       |      |    |   |   |     |

### Dimensions

| Shell Size         |                                    | A Thread         | Ø C<br>MAX | Cable Entry   | L<br>MAX | G<br>MAX | H<br>MAX | M<br>Thread |
|--------------------|------------------------------------|------------------|------------|---------------|----------|----------|----------|-------------|
| 38999,<br>series 1 | 38999, series 2<br>26482, series 1 |                  |            |               |          |          |          |             |
| 09                 | 08                                 | 7/16 - 28 UNEF   | 21.80      | 2.49 – 5.94   | 25.70    | 21.60    | 25.40    | 6-32        |
| 11                 | 10                                 | 9/16 - 24 UNEF   | 25.00      | 3.89 – 5.94   | 25.70    | 22.90    | 27.90    | 6-32        |
| 13                 | 12                                 | 11/16 - 24 UNEF  | 29.35      | 4.83 – 8.33   | 30.70    | 27.90    | 27.90    | 6-32        |
| 15                 | 14                                 | 13/16 - 20 UNEF  | 32.54      | 6.60 – 11.61  | 32.00    | 29.20    | 31.80    | 6-32        |
| 17                 | 16                                 | 15/16 - 20 UNEF  | 35.70      | 7.19 – 15.60  | 35.80    | 33.00    | 33.00    | 6-32        |
| 19                 | 18                                 | 1-1/16 - 18 UNEF | 38.50      | 8.26 – 16.10  | 38.40    | 38.10    | 34.30    | 8-32        |
| 21                 | 20                                 | 1-3/16 - 18 UNEF | 41.65      | 8.71 – 17.73  | 42.20    | 40.60    | 40.60    | 8-32        |
| 23                 | 22                                 | 1-5/16 - 18 UNEF | 44.85      | 9.68 – 20.90  | 44.70    | 43.20    | 44.50    | 8-32        |
| 25                 | 24                                 | 1-7/16 - 18 UNEF | 48.00      | 10.62 – 21.67 | 48.50    | 45.70    | 47.00    | 8-32        |

## Series ALLB

EMI/RFI lamp base thread shrink boot adapters,  
spin coupling



## Ordering information

| Basic Series                               | ALLB | -F | 3 | S | W | -18 | 07 | -8 | -CC |
|--------------------------------------------|------|----|---|---|---|-----|----|----|-----|
| Connector Interface:                       |      |    |   |   |   |     |    |    |     |
| F – MIL-DTL-38999 (series 1 & 2)           |      |    |   |   |   |     |    |    |     |
| T – MIL-DTL-26482 (series 1)               |      |    |   |   |   |     |    |    |     |
| Coupling Ring Option:                      |      |    |   |   |   |     |    |    |     |
| 3 – spin coupling                          |      |    |   |   |   |     |    |    |     |
| Angle Code:                                |      |    |   |   |   |     |    |    |     |
| S – straight                               |      |    |   |   |   |     |    |    |     |
| F – 45°                                    |      |    |   |   |   |     |    |    |     |
| N – 90°                                    |      |    |   |   |   |     |    |    |     |
| Material & Finish Code                     |      |    |   |   |   |     |    |    |     |
| Shell Size                                 |      |    |   |   |   |     |    |    |     |
| Cable Entry Code                           |      |    |   |   |   |     |    |    |     |
| Length Code for Straight Parts:            |      |    |   |   |   |     |    |    |     |
| ST – for standard length (L) – 1.10"       |      |    |   |   |   |     |    |    |     |
| (1/2" increment, for example 8 = 4 inches) |      |    |   |   |   |     |    |    |     |
| Cable Clamp Option:                        |      |    |   |   |   |     |    |    |     |
| CC – Cable Clamp                           |      |    |   |   |   |     |    |    |     |
| Omit – back nut                            |      |    |   |   |   |     |    |    |     |

## Dimensions

| Shell Size      |                                    | A Thread         | Ø C<br>MAX | Cable Clamp |          |       |       |
|-----------------|------------------------------------|------------------|------------|-------------|----------|-------|-------|
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |            | F MAX       | H MAX    | N MAX |       |
| 09              | 08                                 | 7/16 - 28 UNEF   | 18.30      | 25.00       | 31.50    | 31.50 |       |
| 11              | 10                                 | 9/16 - 24 UNEF   | 21.50      | 25.60       | 33.20    | 33.20 |       |
| 13              | 12                                 | 11/16 - 24 UNEF  | 24.80      | 26.00       | 34.70    | 34.70 |       |
| 15              | 14                                 | 13/16 - 20 UNEF  | 28.10      | 26.90       | 36.20    | 36.20 |       |
| 17              | 16                                 | 15/16 - 20 UNEF  | 31.10      | 27.70       | 37.90    | 37.90 |       |
| 19              | 18                                 | 1-1/16 - 18 UNEF | 34.30      | 28.00       | 39.50    | 39.50 |       |
| 21              | 20                                 | 1-3/16 - 18 UNEF | 37.60      | 28.90       | 41.10    | 41.10 |       |
| 23              | 22                                 | 1-5/16 - 18 UNEF | 40.80      | 29.30       | 42.60    | 42.60 |       |
| 25              | 24                                 | 1-7/16 - 18 UNEF | 44.00      | 30.10       | 44.10    | 44.10 |       |
| Shell Size      |                                    | E<br>MAX         | G<br>MAX   | J MAX       | Back Nut |       |       |
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |            |             | F MAX    | H MAX | N MAX |
| 09              | 08                                 | 17.90            | 24.70      | 16.00       | 20.90    | 27.00 | 27.00 |
| 11              | 10                                 | 18.70            | 27.20      | 18.00       | 21.60    | 28.70 | 28.70 |
| 13              | 12                                 | 19.10            | 30.20      | 19.00       | 22.00    | 31.50 | 31.50 |
| 15              | 14                                 | 20.00            | 33.20      | 21.00       | 22.90    | 31.70 | 31.70 |
| 17              | 16                                 | 20.70            | 36.70      | 22.50       | 23.70    | 33.50 | 33.50 |
| 19              | 18                                 | 21.10            | 40.70      | 24.00       | 24.00    | 35.10 | 35.10 |
| 21              | 20                                 | 21.90            | 43.20      | 26.00       | 24.90    | 36.70 | 36.70 |
| 23              | 22                                 | 22.30            | 46.20      | 27.00       | 25.30    | 38.10 | 38.10 |
| 25              | 24                                 | 23.20            | 49.20      | 29.00       | 26.10    | 39.60 | 39.60 |



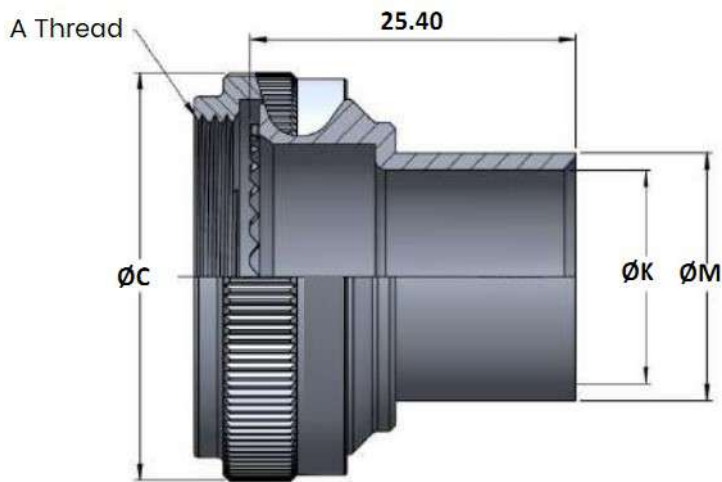
## Dimensions

| Shell Size      |                                    | Cable Entry Code |
|-----------------|------------------------------------|------------------|
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |
| 09              | 08                                 | 03               |
| 11              | 10                                 | 03 – 07          |
| 13              | 12                                 | 03 – 08          |
| 15              | 14                                 | 03 – 08          |
| 17              | 16                                 | 03 – 10          |
| 19              | 18                                 | 03 – 12          |
| 21              | 20                                 | 03 – 14          |
| 23              | 22                                 | 03 – 16          |
| 25              | 24                                 | 03 – 18          |

| Cable Entry Code | Ø K +0.20 | Ø M MAX | W MAX | X MAX | Y MAX |
|------------------|-----------|---------|-------|-------|-------|
| 03               | 4.70      | 15.20   | 17.50 | 12.80 | 5.80  |
| 04               | 6.30      | 15.20   | 19.10 | 12.80 | 5.70  |
| 05               | 7.90      | 16.80   | 20.70 | 12.80 | 6.80  |
| 06               | 9.50      | 18.40   | 22.30 | 12.80 | 6.90  |
| 07               | 11.10     | 20.00   | 23.80 | 12.80 | 8.10  |
| 08               | 12.70     | 21.60   | 25.30 | 15.80 | 8.50  |
| 09               | 14.20     | 23.20   | 27.00 | 15.80 | 9.70  |
| 10               | 15.80     | 24.80   | 28.60 | 15.80 | 10.40 |
| 11               | 17.40     | 26.40   | 30.30 | 18.80 | 11.50 |
| 12               | 19.00     | 27.90   | 31.80 | 18.80 | 11.50 |
| 13               | 20.60     | 29.50   | 33.30 | 18.80 | 14.00 |
| 14               | 22.20     | 31.10   | 35.00 | 21.80 | 15.40 |
| 15               | 23.80     | 32.70   | 36.70 | 21.80 | 16.80 |
| 16               | 25.40     | 34.30   | 38.10 | 21.80 | 17.30 |
| 17               | 27.00     | 35.90   | 39.70 | 21.80 | 18.80 |
| 18               | 28.60     | 37.50   | 41.30 | 21.80 | 19.50 |

## Series ALCR

### Crimp ring backshells, spin coupling. M85049/33-2



### Ordering information

| Basic Series                     | ALCR | -F | 3 | S | -14 |
|----------------------------------|------|----|---|---|-----|
| Connector Interface:             |      |    |   |   |     |
| F – MIL-DTL-38999 (series 1 & 2) |      |    |   |   |     |
| T – MIL-DTL-26482 (series 1)     |      |    |   |   |     |
| Coupling Ring Option:            |      |    |   |   |     |
| 3 – spin coupling                |      |    |   |   |     |
| Material & Finish Code           |      |    |   |   |     |
| Shell Size                       |      |    |   |   |     |

### Dimensions

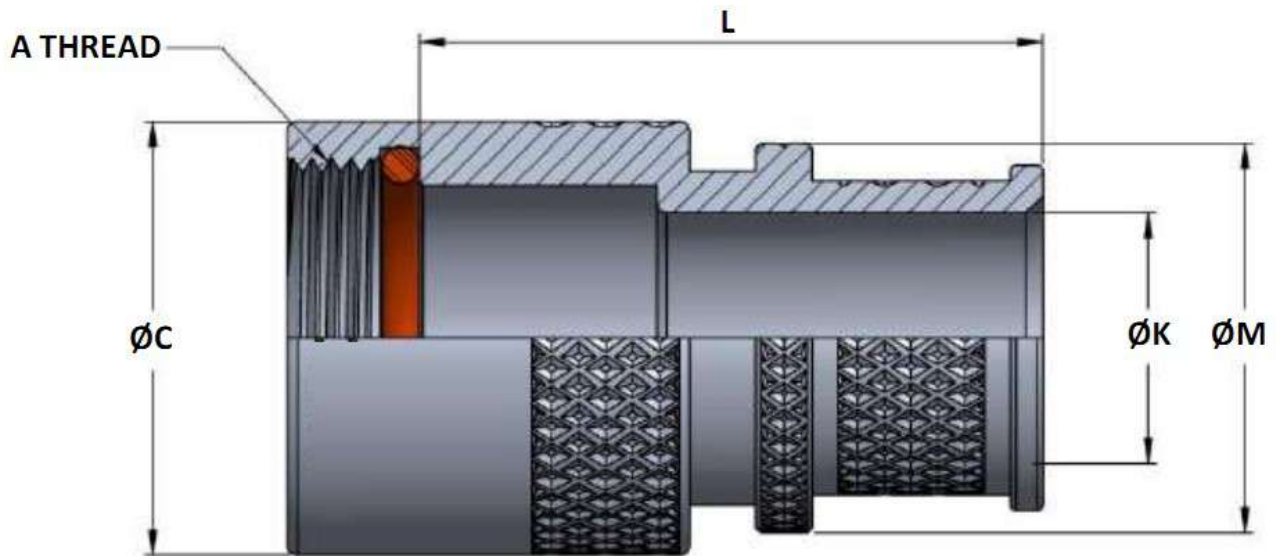
| Shell Size      |                                    | A Thread         | Ø C MAX | Ø K MAX | Ø M MAX |
|-----------------|------------------------------------|------------------|---------|---------|---------|
| 38999, series 1 | 38999, series 2<br>26482, series 1 |                  |         |         |         |
| 09              | 08                                 | 7/16 - 28 UNEF   | 18.30   | 6.40    | 8.80    |
| 11              | 10                                 | 9/16 - 24 UNEF   | 21.50   | 8.30    | 12.60   |
| 13              | 12                                 | 11/16 - 24 UNEF  | 24.80   | 10.70   | 13.00   |
| 15              | 14                                 | 13/16 - 20 UNEF  | 28.10   | 13.70   | 16.00   |
| 17              | 16                                 | 15/16 - 20 UNEF  | 31.10   | 17.00   | 19.30   |
| 19              | 18                                 | 1-1/16 - 18 UNEF | 34.30   | 20.00   | 22.60   |
| 21              | 20                                 | 1-3/16 - 18 UNEF | 37.60   | 23.20   | 25.70   |
| 23              | 22                                 | 1-5/16 - 18 UNEF | 40.80   | 26.40   | 28.70   |
| 25              | 24                                 | 1-7/16 - 18 UNEF | 44.00   | 28.20   | 30.50   |



## MIL-DTL-38999 (series 3 & 4)

## Series ALBS

EMI/RFI banding and shrink boot adapters, direct coupling



### Ordering information

| Basic Series                               | ALBS | -H | 1 | S | W | -19 | 07 | -ST | -T |
|--------------------------------------------|------|----|---|---|---|-----|----|-----|----|
| Connector Interface:                       |      |    |   |   |   |     |    |     |    |
| H – MIL-DTL-38999 (series 3 & 4)           |      |    |   |   |   |     |    |     |    |
| Coupling Ring Option:                      |      |    |   |   |   |     |    |     |    |
| 1 – direct coupling                        |      |    |   |   |   |     |    |     |    |
| Angle Code:                                |      |    |   |   |   |     |    |     |    |
| S – straight                               |      |    |   |   |   |     |    |     |    |
| Material & Finish Code                     |      |    |   |   |   |     |    |     |    |
| Shell Size                                 |      |    |   |   |   |     |    |     |    |
| Cable Entry Code                           |      |    |   |   |   |     |    |     |    |
| Length Code for Straight Parts:            |      |    |   |   |   |     |    |     |    |
| ST – for standard length (L) – 1.25"       |      |    |   |   |   |     |    |     |    |
| (1/2" increment, for example 8 = 4 inches) |      |    |   |   |   |     |    |     |    |
| Banding Option:                            |      |    |   |   |   |     |    |     |    |
| S – CF spring                              |      |    |   |   |   |     |    |     |    |
| T – termination band                       |      |    |   |   |   |     |    |     |    |
| Omit – for none                            |      |    |   |   |   |     |    |     |    |



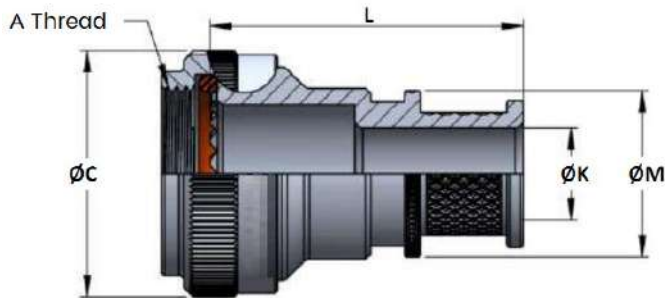
## Dimensions

| Shell Size | A Thread  | Ø C MAX | Cable Entry Code |
|------------|-----------|---------|------------------|
| 09         | M12 x 1.0 | 16.50   | 02 – 05          |
| 11         | M15 x 1.0 | 19.00   | 02 – 07          |
| 13         | M18 x 1.0 | 22.16   | 02 – 09          |
| 15         | M22 x 1.0 | 25.34   | 02 – 11          |
| 17         | M25 x 1.0 | 29.31   | 02 – 13          |
| 19         | M28 x 1.0 | 32.49   | 02 – 14          |
| 21         | M31 x 1.0 | 36.46   | 02 – 16          |
| 23         | M34 x 1.0 | 39.63   | 02 – 18          |
| 25         | M37 x 1.0 | 41.48   | 02 – 20          |

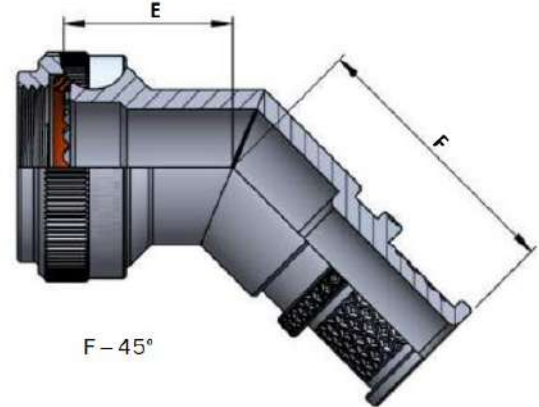
| Cable Entry Code | Ø K +0.20 | Ø M MAX |
|------------------|-----------|---------|
| 02               | 3.20      | 10.41   |
| 03               | 4.70      | 11.91   |
| 04               | 6.30      | 13.51   |
| 05               | 7.90      | 15.11   |
| 06               | 9.50      | 16.71   |
| 07               | 11.10     | 18.31   |
| 08               | 12.70     | 19.91   |
| 09               | 14.20     | 21.41   |
| 10               | 15.80     | 23.01   |
| 11               | 17.40     | 24.61   |
| 12               | 19.00     | 26.21   |
| 13               | 20.60     | 27.81   |
| 14               | 22.20     | 29.41   |
| 15               | 23.80     | 31.01   |
| 16               | 25.40     | 32.61   |
| 17               | 27.00     | 34.21   |
| 18               | 28.60     | 35.81   |
| 19               | 30.20     | 37.41   |
| 20               | 31.80     | 39.01   |

## Series ALBS

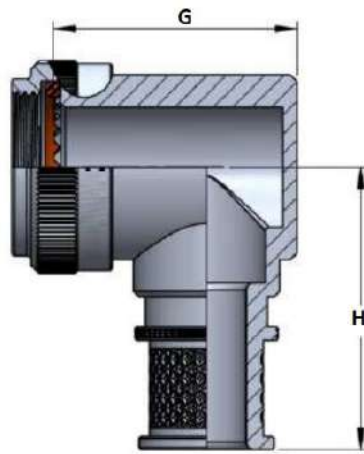
EMI/RFI banding and shrink boot adapters, spin coupling



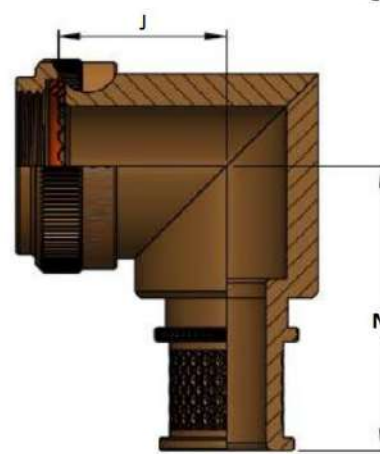
S – straight



F – 45°



N – 90°



N – 90°

stainless steel  
nickel aluminium bronze

### Ordering information

| Basic Series                               | ALBS | -H | 3 | S | W | -19 | 07 | -8 | -T |
|--------------------------------------------|------|----|---|---|---|-----|----|----|----|
| Connector Interface:                       |      |    |   |   |   |     |    |    |    |
| H – MIL-DTL-38999 (series 3 & 4)           |      |    |   |   |   |     |    |    |    |
| Coupling Ring Option:                      |      |    |   |   |   |     |    |    |    |
| 3 – spin coupling                          |      |    |   |   |   |     |    |    |    |
| Angle Code:                                |      |    |   |   |   |     |    |    |    |
| S – straight                               |      |    |   |   |   |     |    |    |    |
| F – 45°                                    |      |    |   |   |   |     |    |    |    |
| N – 90°                                    |      |    |   |   |   |     |    |    |    |
| Material & Finish Code                     |      |    |   |   |   |     |    |    |    |
| Shell Size                                 |      |    |   |   |   |     |    |    |    |
| Cable Entry Code                           |      |    |   |   |   |     |    |    |    |
| Length Code for Straight Parts:            |      |    |   |   |   |     |    |    |    |
| ST – for standard length (L) – 1.25"       |      |    |   |   |   |     |    |    |    |
| (1/2" increment, for example 8 = 4 inches) |      |    |   |   |   |     |    |    |    |
| Banding Option:                            |      |    |   |   |   |     |    |    |    |
| S – CF spring                              |      |    |   |   |   |     |    |    |    |
| T – termination band                       |      |    |   |   |   |     |    |    |    |
| Omit – for none                            |      |    |   |   |   |     |    |    |    |



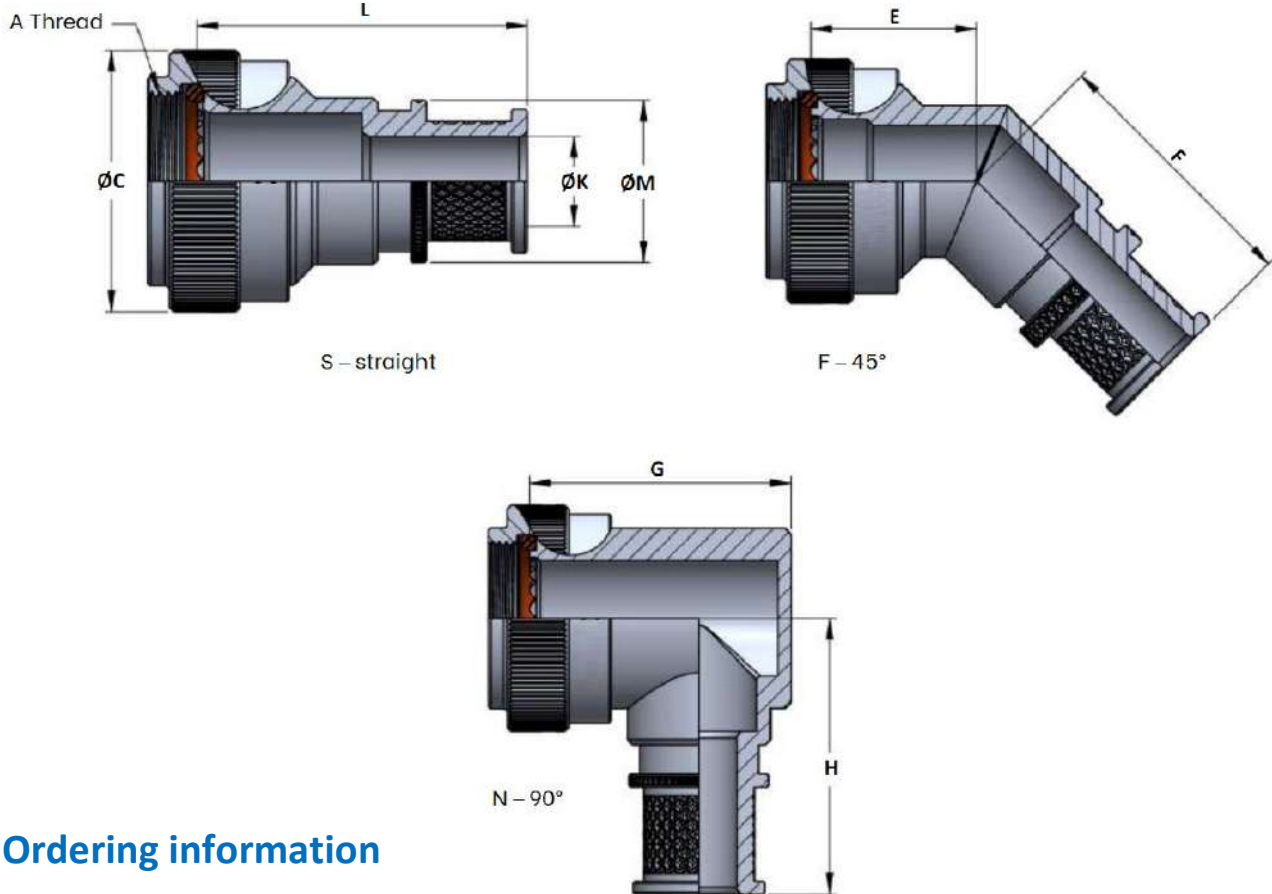
## Dimensions

| Shell Size | A Thread  | Ø C MAX | Cable Entry Code |       |       |       |
|------------|-----------|---------|------------------|-------|-------|-------|
| 09         | M12 x 1.0 | 19.00   | 02 – 05          |       |       |       |
| 11         | M15 x 1.0 | 21.80   | 02 – 07          |       |       |       |
| 13         | M18 x 1.0 | 25.40   | 02 – 08          |       |       |       |
| 15         | M22 x 1.0 | 29.30   | 02 – 10          |       |       |       |
| 17         | M25 x 1.0 | 32.00   | 04 – 12          |       |       |       |
| 19         | M28 x 1.0 | 35.40   | 05 – 12          |       |       |       |
| 21         | M31 x 1.0 | 39.30   | 05 – 14          |       |       |       |
| 23         | M34 x 1.0 | 41.55   | 06 – 16          |       |       |       |
| 25         | M37 x 1.0 | 46.12   | 07 – 20          |       |       |       |
| Shell Size | E MAX     | F MAX   | G MAX            | H MAX | J MAX | N MAX |
| 09         | 14.10     | 26.70   | 27.70            | 31.50 | 17.40 | 33.40 |
| 11         | 14.90     | 27.90   | 28.70            | 33.20 | 18.80 | 34.60 |
| 13         | 15.50     | 28.30   | 33.20            | 34.70 | 20.60 | 35.80 |
| 15         | 16.50     | 29.20   | 39.20            | 36.20 | 22.70 | 37.60 |
| 17         | 17.10     | 30.00   | 42.20            | 37.90 | 24.30 | 39.50 |
| 19         | 17.80     | 30.30   | 46.70            | 39.50 | 26.40 | 41.30 |
| 21         | 18.10     | 31.10   | 49.70            | 41.10 | 27.10 | 43.00 |
| 23         | 18.70     | 31.50   | 52.20            | 42.60 | 28.60 | 44.40 |
| 25         | 19.40     | 32.40   | 53.70            | 44.10 | 30.10 | 45.80 |

| Cable Entry Code | Ø K +0.20 | Ø M MAX | Cable Entry Code | Ø K +0.20 | Ø M MAX |
|------------------|-----------|---------|------------------|-----------|---------|
| 02               | 3.20      | 10.41   | 12               | 19.00     | 26.21   |
| 03               | 4.70      | 11.91   | 13               | 20.60     | 27.81   |
| 04               | 6.30      | 13.51   | 14               | 22.20     | 29.41   |
| 05               | 7.90      | 15.11   | 15               | 23.80     | 31.01   |
| 06               | 9.50      | 16.71   | 16               | 25.40     | 32.61   |
| 07               | 11.10     | 18.31   | 17               | 27.00     | 34.21   |
| 08               | 12.70     | 19.91   | 18               | 28.60     | 35.81   |
| 09               | 14.20     | 21.41   | 19               | 30.20     | 37.41   |
| 10               | 15.80     | 23.01   | 20               | 31.80     | 39.01   |
| 11               | 17.40     | 24.61   |                  |           |         |

## Series ALBS

EMI/RFI banding and shrink boot adapters, self locking coupling  
M85049/88, M85049/89, M85049/90



### Ordering information

| Basic Series                               | ALBS | -H | 5 | S | W | -18 | 07 | -8 | -T |
|--------------------------------------------|------|----|---|---|---|-----|----|----|----|
| Connector Interface:                       |      |    |   |   |   |     |    |    |    |
| H – MIL-DTL-38999 (series 3 & 4)           |      |    |   |   |   |     |    |    |    |
| Coupling Ring Option:                      |      |    |   |   |   |     |    |    |    |
| 5 – self locking coupling                  |      |    |   |   |   |     |    |    |    |
| Angle Code:                                |      |    |   |   |   |     |    |    |    |
| S – straight (M85049/88)                   |      |    |   |   |   |     |    |    |    |
| F – 45° (M85049/89)                        |      |    |   |   |   |     |    |    |    |
| N – 90° (M85049/90)                        |      |    |   |   |   |     |    |    |    |
| Material & Finish Code                     |      |    |   |   |   |     |    |    |    |
| Shell Size                                 |      |    |   |   |   |     |    |    |    |
| Cable Entry Code                           |      |    |   |   |   |     |    |    |    |
| Length Code for Straight Parts:            |      |    |   |   |   |     |    |    |    |
| ST – for standard length (L) – 1.25"       |      |    |   |   |   |     |    |    |    |
| (1/2" increment, for example 8 = 4 inches) |      |    |   |   |   |     |    |    |    |
| Banding Option:                            |      |    |   |   |   |     |    |    |    |
| S – CF spring                              |      |    |   |   |   |     |    |    |    |
| T – termination band                       |      |    |   |   |   |     |    |    |    |
| Omit – for none                            |      |    |   |   |   |     |    |    |    |



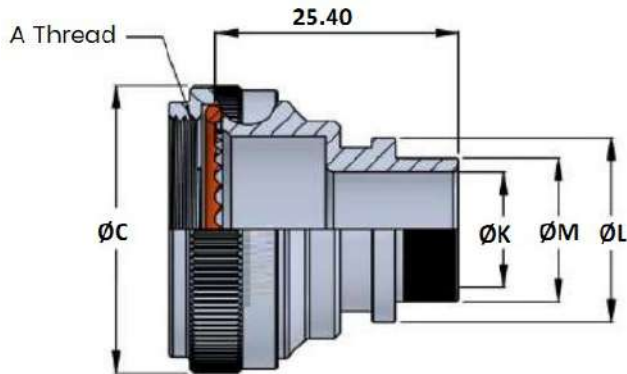
## Dimensions

| Shell Size | A Thread  | Ø C MAX | Cable Entry Code |       |
|------------|-----------|---------|------------------|-------|
| 09         | M12 x 1.0 | 21.50   | 02 – 05          |       |
| 11         | M15 x 1.0 | 24.65   | 02 – 07          |       |
| 13         | M18 x 1.0 | 28.10   | 02 – 08          |       |
| 15         | M22 x 1.0 | 31.50   | 02 – 10          |       |
| 17         | M25 x 1.0 | 34.50   | 04 – 12          |       |
| 19         | M28 x 1.0 | 37.50   | 05 – 12          |       |
| 21         | M31 x 1.0 | 40.50   | 05 – 14          |       |
| 23         | M34 x 1.0 | 43.50   | 06 – 16          |       |
| 25         | M37 x 1.0 | 47.50   | 07 – 20          |       |
| Shell Size | E MAX     | F MAX   | G MAX            | H MAX |
| 09         | 19.60     | 26.70   | 34.90            | 31.50 |
| 11         | 20.20     | 27.90   | 36.50            | 33.20 |
| 13         | 20.80     | 28.30   | 39.70            | 34.70 |
| 15         | 21.20     | 29.20   | 42.80            | 36.20 |
| 17         | 21.00     | 30.00   | 44.50            | 37.90 |
| 19         | 22.30     | 30.30   | 47.60            | 39.50 |
| 21         | 23.00     | 31.10   | 49.20            | 41.10 |
| 23         | 23.70     | 31.50   | 52.40            | 42.60 |
| 25         | 24.30     | 32.40   | 54.00            | 44.10 |

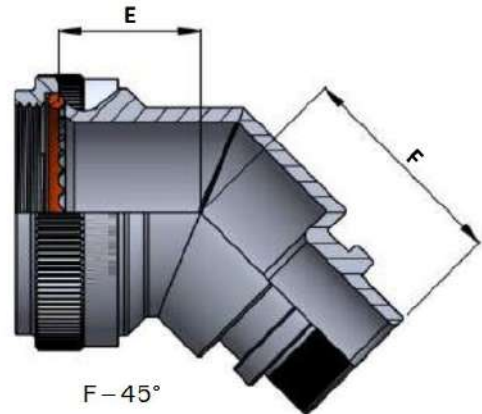
| Cable Entry Code | Ø K +0.20 | Ø M MAX | Cable Entry Code | Ø K +0.20 | Ø M MAX |
|------------------|-----------|---------|------------------|-----------|---------|
| 02               | 3.20      | 10.41   | 12               | 19.00     | 26.21   |
| 03               | 4.70      | 11.91   | 13               | 20.60     | 27.81   |
| 04               | 6.30      | 13.51   | 14               | 22.20     | 29.41   |
| 05               | 7.90      | 15.11   | 15               | 23.80     | 31.01   |
| 06               | 9.50      | 16.71   | 16               | 25.40     | 32.61   |
| 07               | 11.10     | 18.31   | 17               | 27.00     | 34.21   |
| 08               | 12.70     | 19.91   | 18               | 28.60     | 35.81   |
| 09               | 14.20     | 21.41   | 19               | 30.20     | 37.41   |
| 10               | 15.80     | 23.01   | 20               | 31.80     | 39.01   |
| 11               | 17.40     | 24.61   |                  |           |         |

## Series ALMR

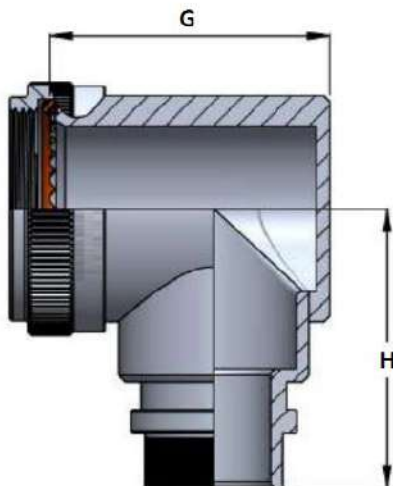
### EMI/RFI memory ring shrink boot adapters, spin coupling



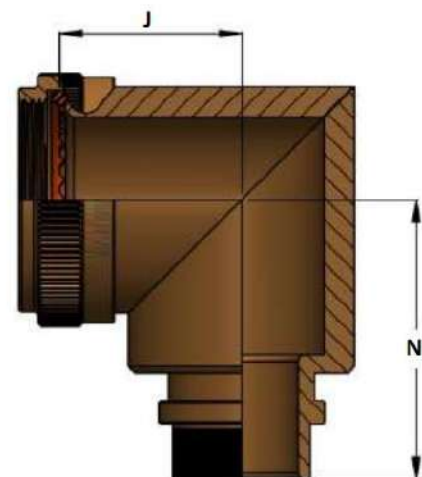
S – straight



F – 45°



N – 90°



N – 90°

stainless steel  
nickel aluminium bronze

### Ordering information

| Basic Series                               | ALMR | -H | 3 | S | W | -19 | 07 | -8 |
|--------------------------------------------|------|----|---|---|---|-----|----|----|
| Connector Interface:                       |      |    |   |   |   |     |    |    |
| H – MIL-DTL-38999 (series 3 & 4)           |      |    |   |   |   |     |    |    |
| Coupling Ring Option:                      |      |    |   |   |   |     |    |    |
| 3 – spin coupling                          |      |    |   |   |   |     |    |    |
| Angle Code:                                |      |    |   |   |   |     |    |    |
| S – straight                               |      |    |   |   |   |     |    |    |
| F – 45°                                    |      |    |   |   |   |     |    |    |
| N – 90°                                    |      |    |   |   |   |     |    |    |
| Material & Finish Code                     |      |    |   |   |   |     |    |    |
| Shell Size                                 |      |    |   |   |   |     |    |    |
| Cable Entry Code                           |      |    |   |   |   |     |    |    |
| Length Code for Straight Parts:            |      |    |   |   |   |     |    |    |
| ST – for standard length (L) – 1.00"       |      |    |   |   |   |     |    |    |
| (1/2" increment, for example 8 = 4 inches) |      |    |   |   |   |     |    |    |



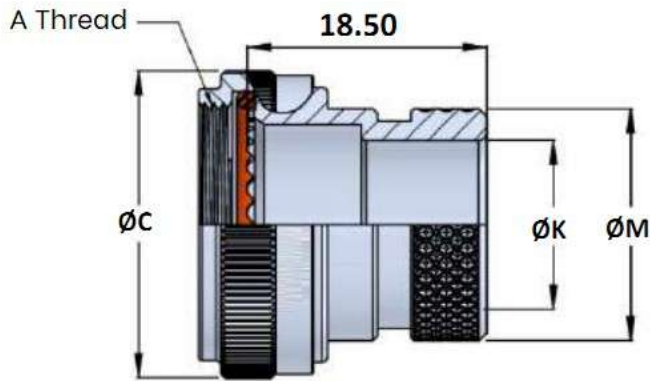
## Dimensions

| Shell Size | A Thread  | Ø C MAX | Cable Entry Code |       |       |       |
|------------|-----------|---------|------------------|-------|-------|-------|
| 09         | M12 x 1.0 | 19.00   | 04 – 05          |       |       |       |
| 11         | M15 x 1.0 | 21.80   | 04 – 07          |       |       |       |
| 13         | M18 x 1.0 | 25.40   | 04 – 08          |       |       |       |
| 15         | M22 x 1.0 | 29.30   | 04 – 10          |       |       |       |
| 17         | M25 x 1.0 | 32.00   | 04 – 12          |       |       |       |
| 19         | M28 x 1.0 | 35.40   | 04 – 12          |       |       |       |
| 21         | M31 x 1.0 | 39.30   | 04 – 14          |       |       |       |
| 23         | M34 x 1.0 | 41.55   | 04 – 16          |       |       |       |
| 25         | M37 x 1.0 | 46.12   | 04 – 20          |       |       |       |
| Shell Size | E MAX     | F MAX   | G MAX            | H MAX | J MAX | N MAX |
| 09         | 14.10     | 27.20   | 27.70            | 27.40 | 17.40 | 27.40 |
| 11         | 14.90     | 28.10   | 28.70            | 29.20 | 18.80 | 29.20 |
| 13         | 15.50     | 28.50   | 33.20            | 30.70 | 20.60 | 30.70 |
| 15         | 16.50     | 29.50   | 39.20            | 32.20 | 22.70 | 32.20 |
| 17         | 17.10     | 30.30   | 42.20            | 33.90 | 24.30 | 33.90 |
| 19         | 17.80     | 31.10   | 46.70            | 35.50 | 26.40 | 35.50 |
| 21         | 18.10     | 31.40   | 49.70            | 37.10 | 27.10 | 37.10 |
| 23         | 18.70     | 31.70   | 52.20            | 38.60 | 28.60 | 38.60 |
| 25         | 19.40     | 32.60   | 53.70            | 40.10 | 30.10 | 40.10 |

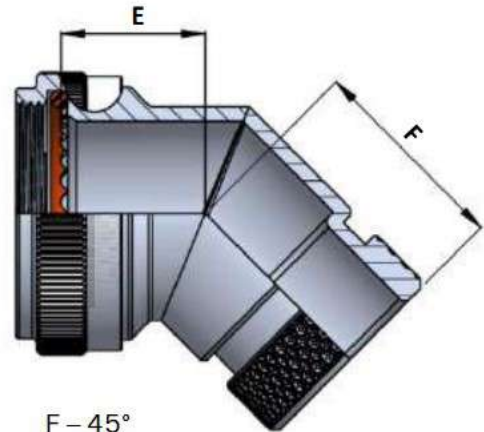
| Cable Entry Code | Ø K +0.20 | Ø M MAX | Ø L MAX | Cable Entry Code | Ø K +0.20 | Ø M MAX | Ø L MAX |
|------------------|-----------|---------|---------|------------------|-----------|---------|---------|
| 04               | 6.30      | 9.64    | 14.14   | 12               | 19.00     | 22.34   | 26.84   |
| 05               | 7.90      | 11.24   | 15.74   | 14               | 22.20     | 25.54   | 30.04   |
| 06               | 9.50      | 12.84   | 17.34   | 16               | 25.40     | 28.74   | 33.24   |
| 07               | 11.10     | 14.44   | 18.94   | 18               | 28.60     | 31.94   | 36.44   |
| 08               | 12.70     | 16.04   | 20.54   | 20               | 31.80     | 35.14   | 39.64   |
| 10               | 15.80     | 19.14   | 23.64   |                  |           |         |         |

## Series ALSA

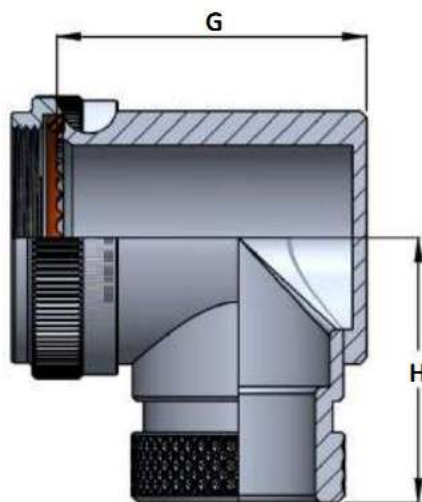
### Shrink boot adapters, spin coupling. M85049/69



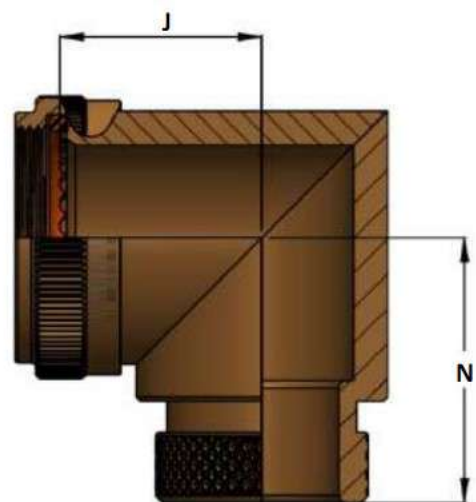
S – straight



F – 45°



N – 90°



N – 90°

stainless steel

nickel aluminium bronze

### Ordering information

| Basic Series                     | ALSA | -H | 3 | S | W | -19 | DH |
|----------------------------------|------|----|---|---|---|-----|----|
| Connector Interface:             |      |    |   |   |   |     |    |
| H – MIL-DTL-38999 (series 3 & 4) |      |    |   |   |   |     |    |
| Coupling Ring Option:            |      |    |   |   |   |     |    |
| 3 – spin coupling                |      |    |   |   |   |     |    |
| Angle Code:                      |      |    |   |   |   |     |    |
| S – straight (M85049/69)         |      |    |   |   |   |     |    |
| F – 45°                          |      |    |   |   |   |     |    |
| N – 90°                          |      |    |   |   |   |     |    |
| Material & Finish Code           |      |    |   |   |   |     |    |
| Shell Size                       |      |    |   |   |   |     |    |
| Drain Holes Option:              |      |    |   |   |   |     |    |
| DH – Drain Holes                 |      |    |   |   |   |     |    |
| Omit – for none                  |      |    |   |   |   |     |    |

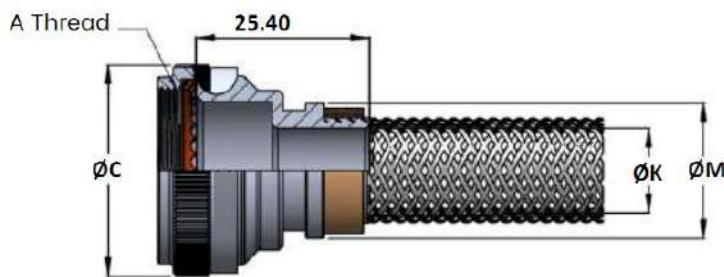


## Dimensions

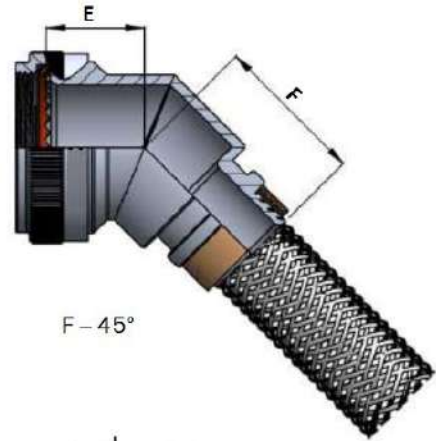
| Shell Size | A Thread  |       | Ø C MAX |       | Ø K   | Ø M   |
|------------|-----------|-------|---------|-------|-------|-------|
| 09         | M12 x 1.0 |       | 19.00   |       | 6.35  | 13.54 |
| 11         | M15 x 1.0 |       | 21.80   |       | 9.52  | 15.37 |
| 13         | M18 x 1.0 |       | 25.40   |       | 12.70 | 19.66 |
| 15         | M22 x 1.0 |       | 29.30   |       | 15.88 | 21.29 |
| 17         | M25 x 1.0 |       | 32.00   |       | 19.05 | 24.46 |
| 19         | M28 x 1.0 |       | 35.40   |       | 20.62 | 26.47 |
| 21         | M31 x 1.0 |       | 39.30   |       | 23.80 | 30.91 |
| 23         | M34 x 1.0 |       | 41.55   |       | 26.97 | 34.42 |
| 25         | M37 x 1.0 |       | 46.12   |       | 30.18 | 36.65 |
| Shell Size | E MAX     | F MAX | G MAX   | H MAX | J MAX | N MAX |
| 09         | 14.10     | 18.6  | 27.70   | 26.50 | 17.40 | 26.50 |
| 11         | 14.90     | 19.40 | 28.70   | 28.30 | 18.80 | 28.30 |
| 13         | 15.50     | 20.30 | 33.20   | 29.70 | 20.60 | 29.70 |
| 15         | 16.50     | 20.60 | 39.20   | 31.20 | 22.70 | 31.20 |
| 17         | 17.10     | 21.40 | 42.20   | 32.90 | 24.30 | 32.90 |
| 19         | 17.80     | 21.80 | 46.70   | 34.50 | 26.40 | 34.50 |
| 21         | 18.10     | 22.60 | 49.70   | 36.10 | 27.10 | 36.10 |
| 23         | 18.70     | 23.50 | 52.20   | 37.70 | 28.60 | 37.70 |
| 25         | 19.40     | 23.90 | 53.70   | 39.10 | 30.10 | 39.10 |

## Series ALSS

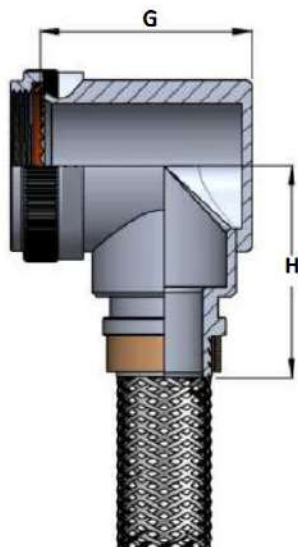
EMI/RFI shield sock shrink boot adapters, spin coupling  
M85049/115 & M85049/117



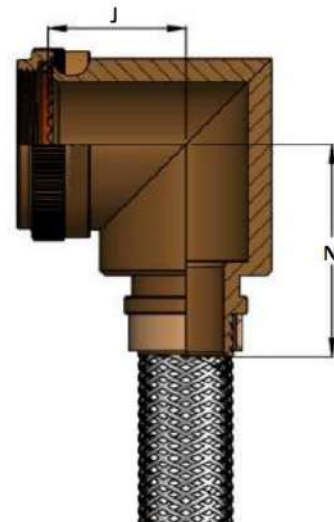
S – straight



F – 45°



N – 90°



N – 90°

stainless steel  
nickel aluminium bronze

## Ordering information

| Basic Series                                                                                      | ALSS | -H | 3 | S | W | -17 | 07 | -08 | -6 |
|---------------------------------------------------------------------------------------------------|------|----|---|---|---|-----|----|-----|----|
| Connector Interface:                                                                              |      |    |   |   |   |     |    |     |    |
| H – MIL-DTL-38999 (series 3 & 4)                                                                  |      |    |   |   |   |     |    |     |    |
| Coupling Ring Option:                                                                             |      |    |   |   |   |     |    |     |    |
| 3 – spin coupling                                                                                 |      |    |   |   |   |     |    |     |    |
| Angle Code:                                                                                       |      |    |   |   |   |     |    |     |    |
| S – straight (M85049/115)                                                                         |      |    |   |   |   |     |    |     |    |
| F – 45°                                                                                           |      |    |   |   |   |     |    |     |    |
| N – 90° (M85049/117)                                                                              |      |    |   |   |   |     |    |     |    |
| Material & Finish Code                                                                            |      |    |   |   |   |     |    |     |    |
| Shell Size                                                                                        |      |    |   |   |   |     |    |     |    |
| Cable Entry Code                                                                                  |      |    |   |   |   |     |    |     |    |
| Braid Length Code:                                                                                |      |    |   |   |   |     |    |     |    |
| Standard supply will be 6.00" (custom option available in 1" increment. for example 8 = 8 inches) |      |    |   |   |   |     |    |     |    |
| Length Code for Straight Parts:                                                                   |      |    |   |   |   |     |    |     |    |
| ST – for standard length (L) – 1.00"                                                              |      |    |   |   |   |     |    |     |    |
| (1/2" increment, for example 8 = 4 inches)                                                        |      |    |   |   |   |     |    |     |    |



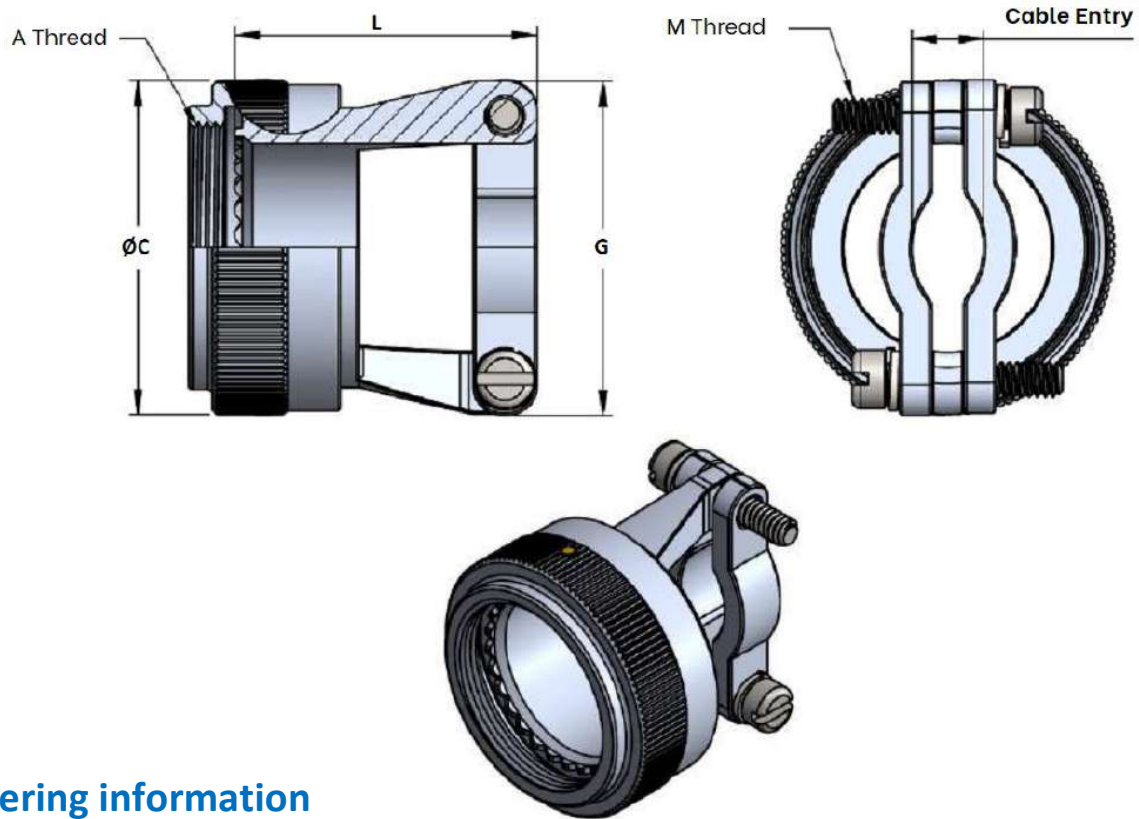
## Dimensions

| Shell Size | A Thread  | Ø C MAX | Cable Entry Code |       |       |       |
|------------|-----------|---------|------------------|-------|-------|-------|
| 09         | M12 x 1.0 | 19.00   | 03 – 04          |       |       |       |
| 11         | M15 x 1.0 | 21.80   | 03 – 06          |       |       |       |
| 13         | M18 x 1.0 | 25.40   | 03 – 08          |       |       |       |
| 15         | M22 x 1.0 | 29.30   | 03 – 09          |       |       |       |
| 17         | M25 x 1.0 | 32.00   | 03 – 11          |       |       |       |
| 19         | M28 x 1.0 | 35.40   | 03 – 13          |       |       |       |
| 21         | M31 x 1.0 | 39.30   | 03 – 15          |       |       |       |
| 23         | M34 x 1.0 | 41.55   | 03 – 17          |       |       |       |
| 25         | M37 x 1.0 | 46.12   | 03 – 18          |       |       |       |
| Shell Size | E MAX     | F MAX   | G MAX            | H MAX | J MAX | N MAX |
| 09         | 14.10     | 18.10   | 27.70            | 25.00 | 17.40 | 25.00 |
| 11         | 14.90     | 19.20   | 28.70            | 26.70 | 18.80 | 26.70 |
| 13         | 15.50     | 19.60   | 33.20            | 28.20 | 20.60 | 28.20 |
| 15         | 16.50     | 20.50   | 39.20            | 29.70 | 22.70 | 29.70 |
| 17         | 17.10     | 21.30   | 42.20            | 31.40 | 24.30 | 31.40 |
| 19         | 17.80     | 21.80   | 46.70            | 33.00 | 26.40 | 33.00 |
| 21         | 18.10     | 22.70   | 49.70            | 34.60 | 27.10 | 34.60 |
| 23         | 18.70     | 23.00   | 52.20            | 36.10 | 28.60 | 36.10 |
| 25         | 19.40     | 23.90   | 53.70            | 37.60 | 30.10 | 37.60 |

| Cable Entry Code | Ø K +0.20 | Ø M MAX | Cable Entry Code | Ø K +0.20 | Ø M MAX |
|------------------|-----------|---------|------------------|-----------|---------|
| 03               | 4.70      | 12.40   | 11               | 17.40     | 25.10   |
| 04               | 6.30      | 14.00   | 12               | 19.00     | 26.70   |
| 05               | 7.90      | 15.60   | 13               | 20.60     | 28.30   |
| 06               | 9.50      | 17.20   | 14               | 22.20     | 29.90   |
| 07               | 11.10     | 18.80   | 15               | 23.80     | 31.50   |
| 08               | 12.70     | 20.40   | 16               | 25.40     | 33.10   |
| 09               | 14.20     | 21.90   | 17               | 27.00     | 34.70   |
| 10               | 15.80     | 23.50   | 18               | 28.60     | 36.30   |

## Series ALSB

### Straight Strain Reliefs, spin coupling. M85049/124



### Ordering information

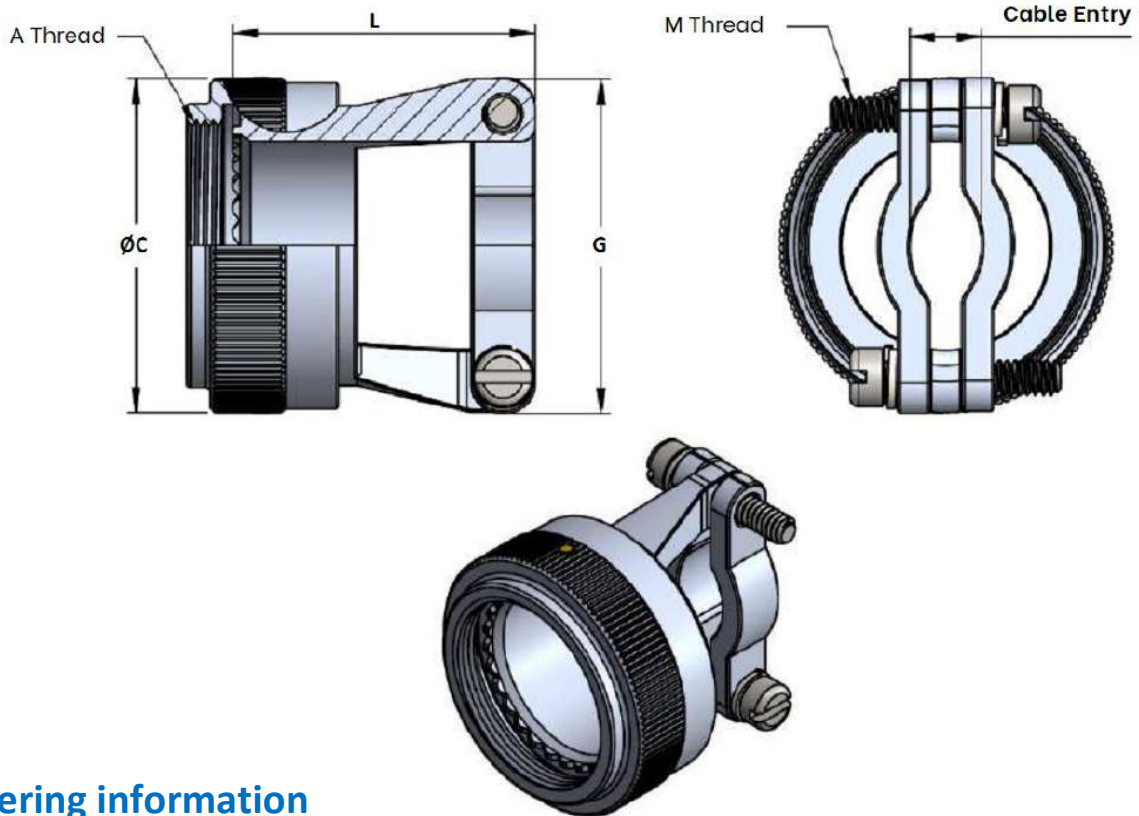
| Basic Series                     | ALSB | -H | 3 | S | -17 |
|----------------------------------|------|----|---|---|-----|
| Connector Interface:             |      |    |   |   |     |
| H – MIL-DTL-38999 (series 3 & 4) |      |    |   |   |     |
| Coupling Ring Option:            |      |    |   |   |     |
| 3 – spin coupling                |      |    |   |   |     |
| Material & Finish Code           |      |    |   |   |     |
| Shell Size                       |      |    |   |   |     |

### Dimensions

| Shell Size | A Thread  | Ø C<br>MAX | Cable Entry   | L<br>MAX | G<br>MAX | M Thread |
|------------|-----------|------------|---------------|----------|----------|----------|
| 09         | M12 x 1.0 | 19.00      | 2.49 – 5.94   | 21.80    | 21.60    | 6-32     |
| 11         | M15 x 1.0 | 21.80      | 3.89 – 5.94   | 21.80    | 22.90    | 6-32     |
| 13         | M18 x 1.0 | 25.40      | 4.83 – 8.33   | 23.00    | 27.90    | 6-32     |
| 15         | M22 x 1.0 | 29.30      | 6.60 – 11.61  | 23.00    | 29.20    | 6-32     |
| 17         | M25 x 1.0 | 32.00      | 7.19 – 15.60  | 25.00    | 33.00    | 6-32     |
| 19         | M28 x 1.0 | 35.40      | 8.26 – 16.10  | 28.00    | 38.10    | 8-32     |
| 21         | M31 x 1.0 | 39.30      | 8.71 – 17.73  | 29.50    | 40.60    | 8-32     |
| 23         | M34 x 1.0 | 41.55      | 9.68 – 20.90  | 33.00    | 43.20    | 8-32     |
| 25         | M37 x 1.0 | 46.12      | 10.62 – 21.67 | 36.00    | 45.70    | 8-32     |

## Series ALSB

### Straight Strain Reliefs, self locking coupling. M85049/124



### Ordering information

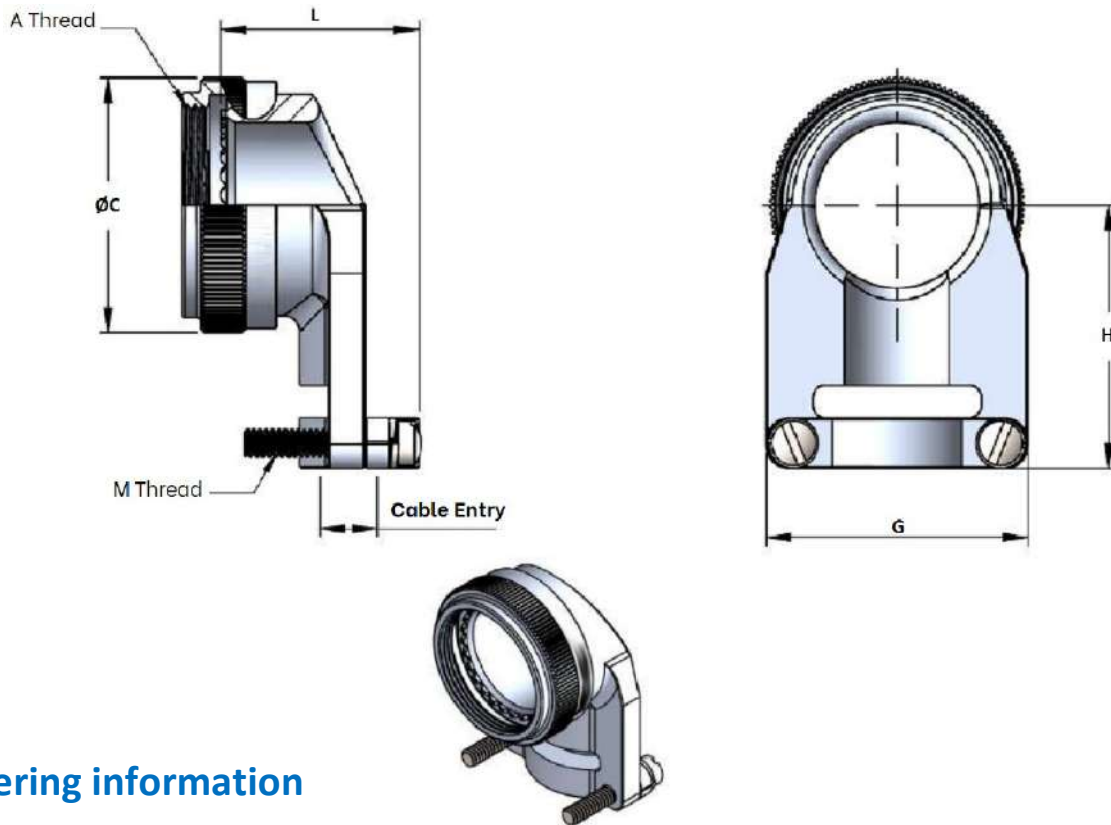
| Basic Series                     | ALSB | -H | 5 | S | -17 |
|----------------------------------|------|----|---|---|-----|
| Connector Interface:             |      |    |   |   |     |
| H – MIL-DTL-38999 (series 3 & 4) |      |    |   |   |     |
| Coupling Ring Option:            |      |    |   |   |     |
| 5 – self locking coupling        |      |    |   |   |     |
| Material & Finish Code           |      |    |   |   |     |
| Shell Size                       |      |    |   |   |     |

### Dimensions

| Shell Size | A Thread  | Ø C<br>MAX | Cable Entry   | L<br>MAX | G<br>MAX | M Thread |
|------------|-----------|------------|---------------|----------|----------|----------|
| 09         | M12 x 1.0 | 21.50      | 2.49 – 5.94   | 23.50    | 21.60    | 6-32     |
| 11         | M15 x 1.0 | 24.65      | 3.89 – 5.94   | 23.50    | 22.90    | 6-32     |
| 13         | M18 x 1.0 | 28.10      | 4.83 – 8.33   | 26.20    | 27.90    | 6-32     |
| 15         | M22 x 1.0 | 31.50      | 6.60 – 11.61  | 27.70    | 29.20    | 6-32     |
| 17         | M25 x 1.0 | 34.50      | 7.19 – 15.60  | 30.00    | 33.00    | 6-32     |
| 19         | M28 x 1.0 | 37.50      | 8.26 – 16.10  | 33.50    | 38.10    | 8-32     |
| 21         | M31 x 1.0 | 40.50      | 8.71 – 17.73  | 35.00    | 40.60    | 8-32     |
| 23         | M34 x 1.0 | 43.50      | 9.68 – 20.90  | 38.00    | 43.20    | 8-32     |
| 25         | M37 x 1.0 | 47.50      | 10.62 – 21.67 | 40.50    | 45.70    | 8-32     |

## Series ALAB

### 90° Strain Reliefs, spin coupling. M85049/126



### Ordering information

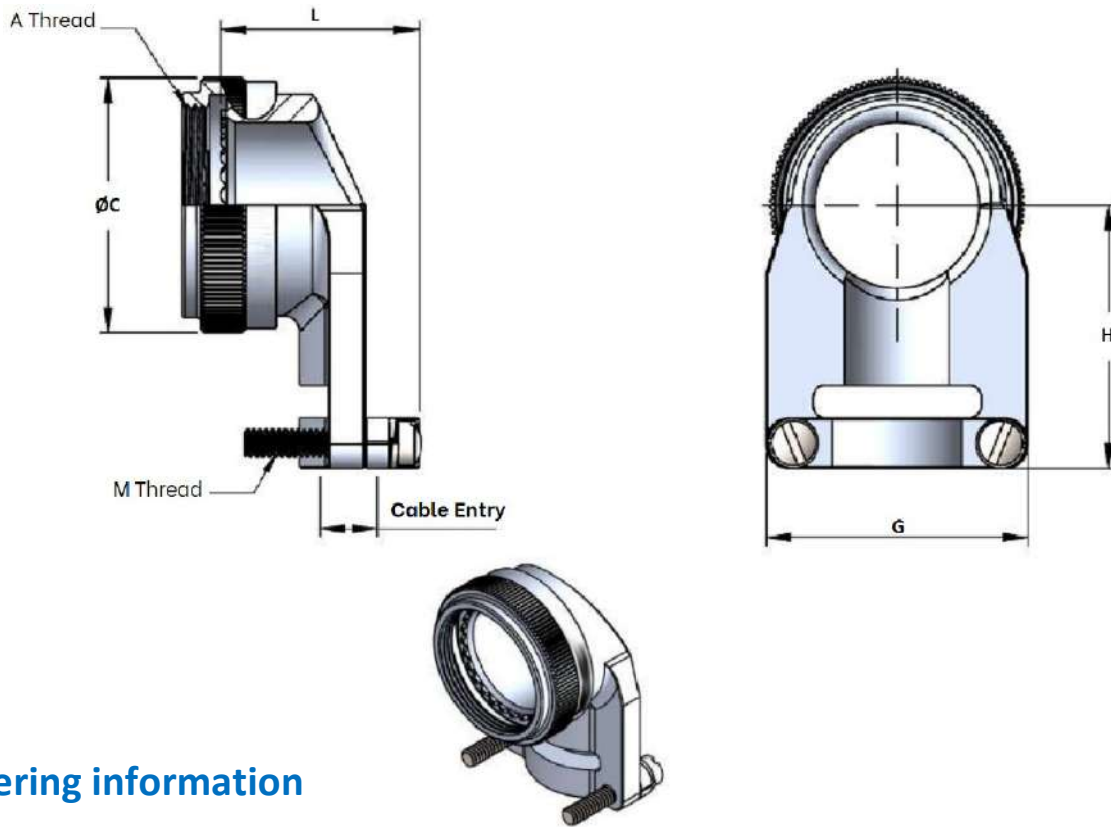
| Basic Series                     | ALAB | -H | 3 | S | -17 |
|----------------------------------|------|----|---|---|-----|
| Connector Interface:             |      |    |   |   |     |
| H – MIL-DTL-38999 (series 3 & 4) |      |    |   |   |     |
| Coupling Ring Option:            |      |    |   |   |     |
| 3 – spin coupling                |      |    |   |   |     |
| Material & Finish Code           |      |    |   |   |     |
| Shell Size                       |      |    |   |   |     |

### Dimensions

| Shell Size | A Thread  | Ø C<br>MAX | Cable Entry   | L<br>MAX | G<br>MAX | H<br>MAX | M Thread |
|------------|-----------|------------|---------------|----------|----------|----------|----------|
| 09         | M12 x 1.0 | 19.00      | 2.49 – 5.94   | 25.70    | 21.60    | 25.40    | 6-32     |
| 11         | M15 x 1.0 | 21.80      | 3.89 – 5.94   | 25.70    | 22.90    | 27.90    | 6-32     |
| 13         | M18 x 1.0 | 25.40      | 4.83 – 8.33   | 30.70    | 27.90    | 27.90    | 6-32     |
| 15         | M22 x 1.0 | 29.30      | 6.60 – 11.61  | 32.00    | 29.20    | 31.80    | 6-32     |
| 17         | M25 x 1.0 | 32.00      | 7.19 – 15.60  | 35.80    | 33.00    | 33.00    | 6-32     |
| 19         | M28 x 1.0 | 35.40      | 8.26 – 16.10  | 38.40    | 38.10    | 34.30    | 8-32     |
| 21         | M31 x 1.0 | 39.30      | 8.71 – 17.73  | 42.20    | 40.60    | 40.60    | 8-32     |
| 23         | M34 x 1.0 | 41.55      | 9.68 – 20.90  | 44.70    | 43.20    | 44.50    | 8-32     |
| 25         | M37 x 1.0 | 46.12      | 10.62 – 21.67 | 48.50    | 45.70    | 47.00    | 8-32     |

## Series ALAB

90° Strain Reliefs, self locking coupling. M85049/126



### Ordering information

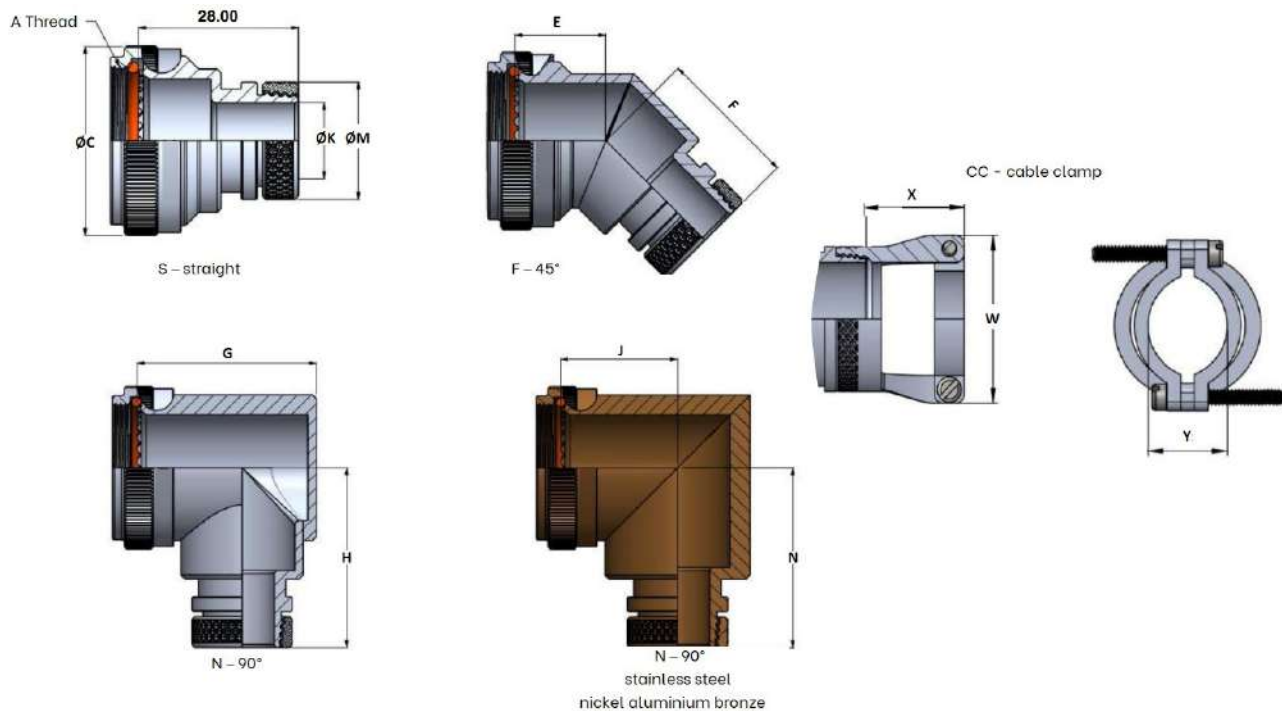
| Basic Series                     | ALAB | -H | 5 | S | -17 |
|----------------------------------|------|----|---|---|-----|
| Connector Interface:             |      |    |   |   |     |
| H – MIL-DTL-38999 (series 3 & 4) |      |    |   |   |     |
| Coupling Ring Option:            |      |    |   |   |     |
| 5 – self locking coupling        |      |    |   |   |     |
| Material & Finish Code           |      |    |   |   |     |
| Shell Size                       |      |    |   |   |     |

### Dimensions

| Shell Size | A Thread  | Ø C<br>MAX | Cable Entry   | L<br>MAX | G<br>MAX | H<br>MAX | M Thread |
|------------|-----------|------------|---------------|----------|----------|----------|----------|
| 09         | M12 x 1.0 | 21.50      | 2.49 – 5.94   | 25.70    | 21.60    | 25.40    | 6-32     |
| 11         | M15 x 1.0 | 24.65      | 3.89 – 5.94   | 25.70    | 22.90    | 27.90    | 6-32     |
| 13         | M18 x 1.0 | 28.10      | 4.83 – 8.33   | 30.70    | 27.90    | 27.90    | 6-32     |
| 15         | M22 x 1.0 | 31.50      | 6.60 – 11.61  | 32.00    | 29.20    | 31.80    | 6-32     |
| 17         | M25 x 1.0 | 34.50      | 7.19 – 15.60  | 35.80    | 33.00    | 33.00    | 6-32     |
| 19         | M28 x 1.0 | 37.50      | 8.26 – 16.10  | 38.40    | 38.10    | 34.30    | 8-32     |
| 21         | M31 x 1.0 | 40.50      | 8.71 – 17.73  | 42.20    | 40.60    | 40.60    | 8-32     |
| 23         | M34 x 1.0 | 43.50      | 9.68 – 20.90  | 44.70    | 43.20    | 44.50    | 8-32     |
| 25         | M37 x 1.0 | 47.50      | 10.62 – 21.67 | 48.50    | 45.70    | 47.00    | 8-32     |

## Series ALLB

EMI/RFI lamp base thread shrink boot adapters,  
spin coupling



## Ordering information

| Basic Series                               | ALLB | -H | 3 | S | W | -19 | 07 | -8 | -CC |
|--------------------------------------------|------|----|---|---|---|-----|----|----|-----|
| Connector Interface:                       |      |    |   |   |   |     |    |    |     |
| H – MIL-DTL-38999 (series 3 & 4)           |      |    |   |   |   |     |    |    |     |
| Coupling Ring Option:                      |      |    |   |   |   |     |    |    |     |
| 3 – spin coupling                          |      |    |   |   |   |     |    |    |     |
| Angle Code:                                |      |    |   |   |   |     |    |    |     |
| S – straight                               |      |    |   |   |   |     |    |    |     |
| F – 45°                                    |      |    |   |   |   |     |    |    |     |
| N – 90°                                    |      |    |   |   |   |     |    |    |     |
| Material & Finish Code                     |      |    |   |   |   |     |    |    |     |
| Shell Size                                 |      |    |   |   |   |     |    |    |     |
| Cable Entry Code                           |      |    |   |   |   |     |    |    |     |
| Length Code for Straight Parts:            |      |    |   |   |   |     |    |    |     |
| ST – for standard length (L) – 1.10"       |      |    |   |   |   |     |    |    |     |
| (1/2" increment, for example 8 = 4 inches) |      |    |   |   |   |     |    |    |     |
| Cable Clamp Option:                        |      |    |   |   |   |     |    |    |     |
| CC – Cable Clamp                           |      |    |   |   |   |     |    |    |     |
| Omit – back nut                            |      |    |   |   |   |     |    |    |     |



## Dimensions

| Shell Size | A Thread  |       | Ø C MAX | Cable Clamp |       |       |
|------------|-----------|-------|---------|-------------|-------|-------|
|            |           |       |         | F MAX       | H MAX | N MAX |
| 09         | M12 x 1.0 |       | 19.00   | 25.00       | 31.50 | 34.70 |
| 11         | M15 x 1.0 |       | 21.80   | 25.80       | 33.20 | 36.50 |
| 13         | M18 x 1.0 |       | 25.40   | 26.10       | 34.70 | 38.00 |
| 15         | M22 x 1.0 |       | 29.30   | 27.00       | 36.20 | 39.50 |
| 17         | M25 x 1.0 |       | 32.00   | 27.90       | 37.90 | 41.20 |
| 19         | M28 x 1.0 |       | 35.40   | 28.40       | 39.50 | 42.80 |
| 21         | M31 x 1.0 |       | 39.30   | 29.20       | 41.10 | 44.40 |
| 23         | M34 x 1.0 |       | 41.55   | 29.60       | 42.60 | 45.90 |
| 25         | M37 x 1.0 |       | 46.12   | 30.40       | 44.10 | 47.40 |
| Shell Size | E MAX     | G MAX | J MAX   | Back Nut    |       |       |
|            |           |       |         | F MAX       | H MAX | N MAX |
| 09         | 14.10     | 27.70 | 17.40   | 25.50       | 27.50 | 27.50 |
| 11         | 14.90     | 28.70 | 18.80   | 26.30       | 29.20 | 29.20 |
| 13         | 15.50     | 33.20 | 20.60   | 26.60       | 31.50 | 31.50 |
| 15         | 16.50     | 39.20 | 22.70   | 27.50       | 31.70 | 31.70 |
| 17         | 17.10     | 42.20 | 24.30   | 28.40       | 33.40 | 33.40 |
| 19         | 17.80     | 46.70 | 26.40   | 28.90       | 35.10 | 35.10 |
| 21         | 18.10     | 49.70 | 27.10   | 29.70       | 36.70 | 36.70 |
| 23         | 18.70     | 52.20 | 28.60   | 30.10       | 38.10 | 38.10 |
| 25         | 19.40     | 53.70 | 30.10   | 30.90       | 39.60 | 39.60 |

## Dimensions

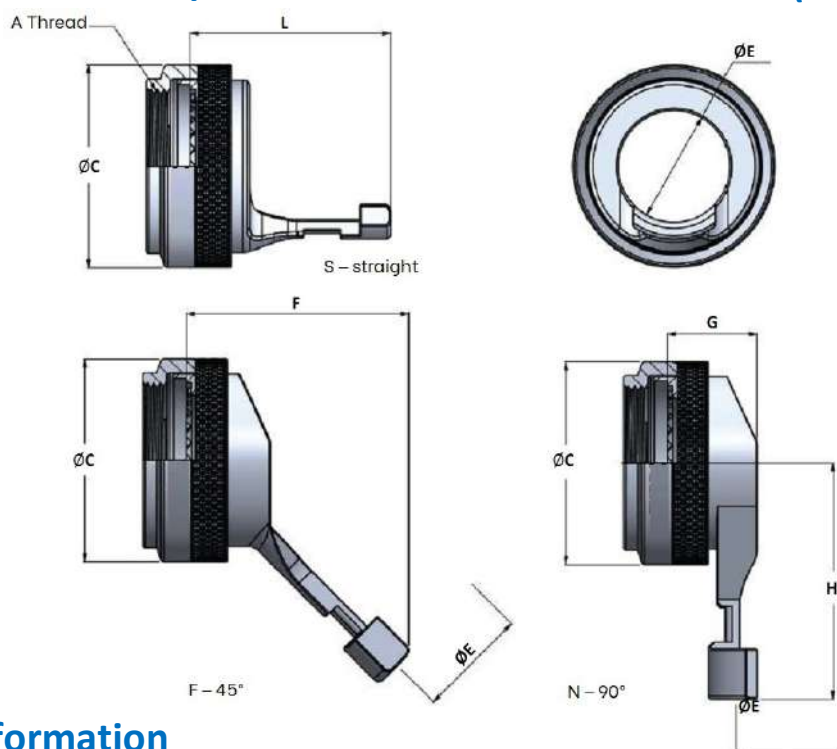
| Shell Size | Cable Entry Code |
|------------|------------------|
| 09         | 03               |
| 11         | 03 – 07          |
| 13         | 03 – 08          |
| 15         | 03 – 08          |
| 17         | 03 – 10          |
| 19         | 03 – 12          |
| 21         | 03 – 14          |
| 23         | 03 – 16          |
| 25         | 03 – 18          |

| Cable Entry Code | Ø K +0.20 | Ø M MAX | W MAX | X MAX | Y MAX |
|------------------|-----------|---------|-------|-------|-------|
| 03               | 4.70      | 15.20   | 17.50 | 12.80 | 5.80  |
| 04               | 6.30      | 15.20   | 19.10 | 12.80 | 5.70  |
| 05               | 7.90      | 16.80   | 20.70 | 12.80 | 6.80  |
| 06               | 9.50      | 18.40   | 22.30 | 12.80 | 6.90  |
| 07               | 11.10     | 20.00   | 23.80 | 12.80 | 8.10  |
| 08               | 12.70     | 21.60   | 25.30 | 15.80 | 8.50  |
| 09               | 14.20     | 23.20   | 27.00 | 15.80 | 9.70  |
| 10               | 15.80     | 24.80   | 28.60 | 15.80 | 10.40 |
| 11               | 17.40     | 26.40   | 30.30 | 18.80 | 11.50 |
| 12               | 19.00     | 27.90   | 31.80 | 18.80 | 11.50 |
| 13               | 20.60     | 29.50   | 33.30 | 18.80 | 14.00 |
| 14               | 22.20     | 31.10   | 35.00 | 21.80 | 15.40 |
| 15               | 23.80     | 32.70   | 36.70 | 21.80 | 16.80 |
| 16               | 25.40     | 34.30   | 38.10 | 21.80 | 17.30 |
| 17               | 27.00     | 35.90   | 39.70 | 21.80 | 18.80 |
| 18               | 28.60     | 37.50   | 41.30 | 21.80 | 19.50 |

## Series ALQT

Qwik-Ty Strain Reliefs, spin coupling

M85049/15 & M85049/16. Termination Band MS3367-1 (or equivalent)



### Ordering information

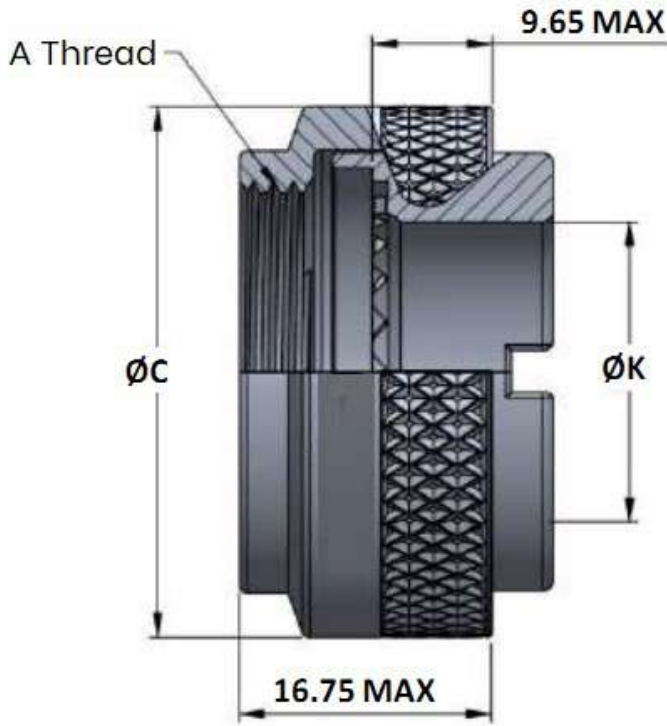
| Basic Series                     | ALQT | -H | 3 | S | W | -19 |
|----------------------------------|------|----|---|---|---|-----|
| Connector Interface:             |      |    |   |   |   |     |
| H – MIL-DTL-38999 (series 3 & 4) |      |    |   |   |   |     |
| Coupling Ring Option:            |      |    |   |   |   |     |
| 3 – spin coupling                |      |    |   |   |   |     |
| Angle Code:                      |      |    |   |   |   |     |
| S – straight                     |      |    |   |   |   |     |
| F – 45° (M85049/15)              |      |    |   |   |   |     |
| N – 90° (M85049/16)              |      |    |   |   |   |     |
| Material & Finish Code           |      |    |   |   |   |     |
| Shell Size                       |      |    |   |   |   |     |

### Dimensions

| Shell Size | A Thread  | Ø C MAX | L MAX | F MAX | H MAX | Ø E +0.20 |
|------------|-----------|---------|-------|-------|-------|-----------|
| 09         | M12 x 1.0 | 19.00   | 22.80 | 27.90 | 22.60 | 6.40      |
| 11         | M15 x 1.0 | 21.80   | 22.80 | 27.90 | 24.10 | 9.70      |
| 13         | M18 x 1.0 | 25.40   | 24.30 | 27.90 | 27.20 | 12.70     |
| 15         | M22 x 1.0 | 29.30   | 28.80 | 31.00 | 33.80 | 16.00     |
| 17         | M25 x 1.0 | 32.00   | 28.80 | 31.90 | 35.30 | 19.10     |
| 19         | M28 x 1.0 | 35.40   | 30.70 | 31.90 | 37.60 | 21.30     |
| 21         | M31 x 1.0 | 39.30   | 34.00 | 31.90 | 42.20 | 24.60     |
| 23         | M34 x 1.0 | 41.55   | 37.00 | 31.90 | 47.00 | 27.70     |
| 25         | M37 x 1.0 | 46.12   | 40.30 | 31.90 | 48.50 | 31.00     |

## Series ALBN

### Back Nuts, spin coupling. M85049/14



### Ordering information

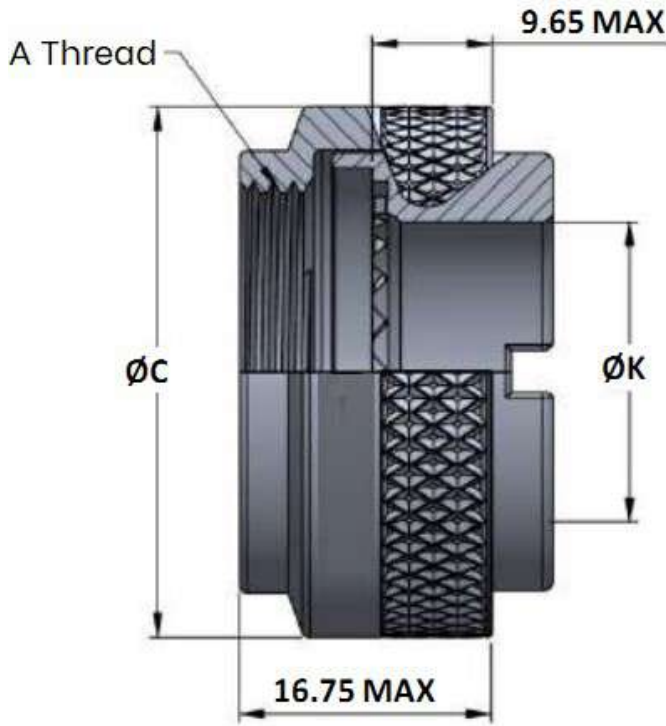
| Basic Series                     | ALBN | -H | 3 | S | W | -19 |
|----------------------------------|------|----|---|---|---|-----|
| Connector Interface:             |      |    |   |   |   |     |
| H – MIL-DTL-38999 (series 3 & 4) |      |    |   |   |   |     |
| Coupling Ring Option:            |      |    |   |   |   |     |
| 3 – spin coupling                |      |    |   |   |   |     |
| Angle Code:                      |      |    |   |   |   |     |
| S – straight                     |      |    |   |   |   |     |
| Material & Finish Code           |      |    |   |   |   |     |
| Shell Size                       |      |    |   |   |   |     |

### Dimensions

| Shell Size | A Thread  | Ø C MAX | Ø K MAX |
|------------|-----------|---------|---------|
| 09         | M12 x 1.0 | 19.00   | 6.75    |
| 11         | M15 x 1.0 | 21.80   | 9.90    |
| 13         | M18 x 1.0 | 25.40   | 12.80   |
| 15         | M22 x 1.0 | 29.30   | 15.98   |
| 17         | M25 x 1.0 | 32.00   | 19.15   |
| 19         | M28 x 1.0 | 35.40   | 21.45   |
| 21         | M31 x 1.0 | 39.30   | 24.65   |
| 23         | M34 x 1.0 | 41.55   | 27.75   |
| 25         | M37 x 1.0 | 46.12   | 30.95   |

## Series ALBN

### Back Nuts, self locking coupling. M85049/14



### Ordering information

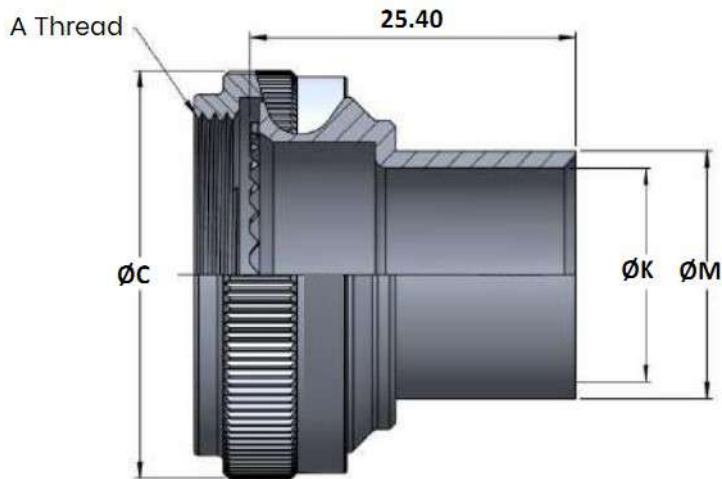
| Basic Series                     | ALBN | -H | 3 | S | W | -19 |
|----------------------------------|------|----|---|---|---|-----|
| Connector Interface:             |      |    |   |   |   |     |
| H – MIL-DTL-38999 (series 3 & 4) |      |    |   |   |   |     |
| Coupling Ring Option:            |      |    |   |   |   |     |
| 5 – self locking coupling        |      |    |   |   |   |     |
| Angle Code:                      |      |    |   |   |   |     |
| S – straight                     |      |    |   |   |   |     |
| Material & Finish Code           |      |    |   |   |   |     |
| Shell Size                       |      |    |   |   |   |     |

### Dimensions

| Shell Size | A Thread  | Ø C MAX | Ø K MAX |
|------------|-----------|---------|---------|
| 09         | M12 x 1.0 | 21.50   | 6.75    |
| 11         | M15 x 1.0 | 24.65   | 9.90    |
| 13         | M18 x 1.0 | 28.10   | 12.80   |
| 15         | M22 x 1.0 | 31.50   | 15.98   |
| 17         | M25 x 1.0 | 34.50   | 19.15   |
| 19         | M28 x 1.0 | 37.50   | 21.45   |
| 21         | M31 x 1.0 | 40.50   | 24.65   |
| 23         | M34 x 1.0 | 43.50   | 27.75   |
| 25         | M37 x 1.0 | 47.50   | 30.95   |

## Series ALCR

### Crimp ring backshells, spin coupling. M85049/20



## Ordering information

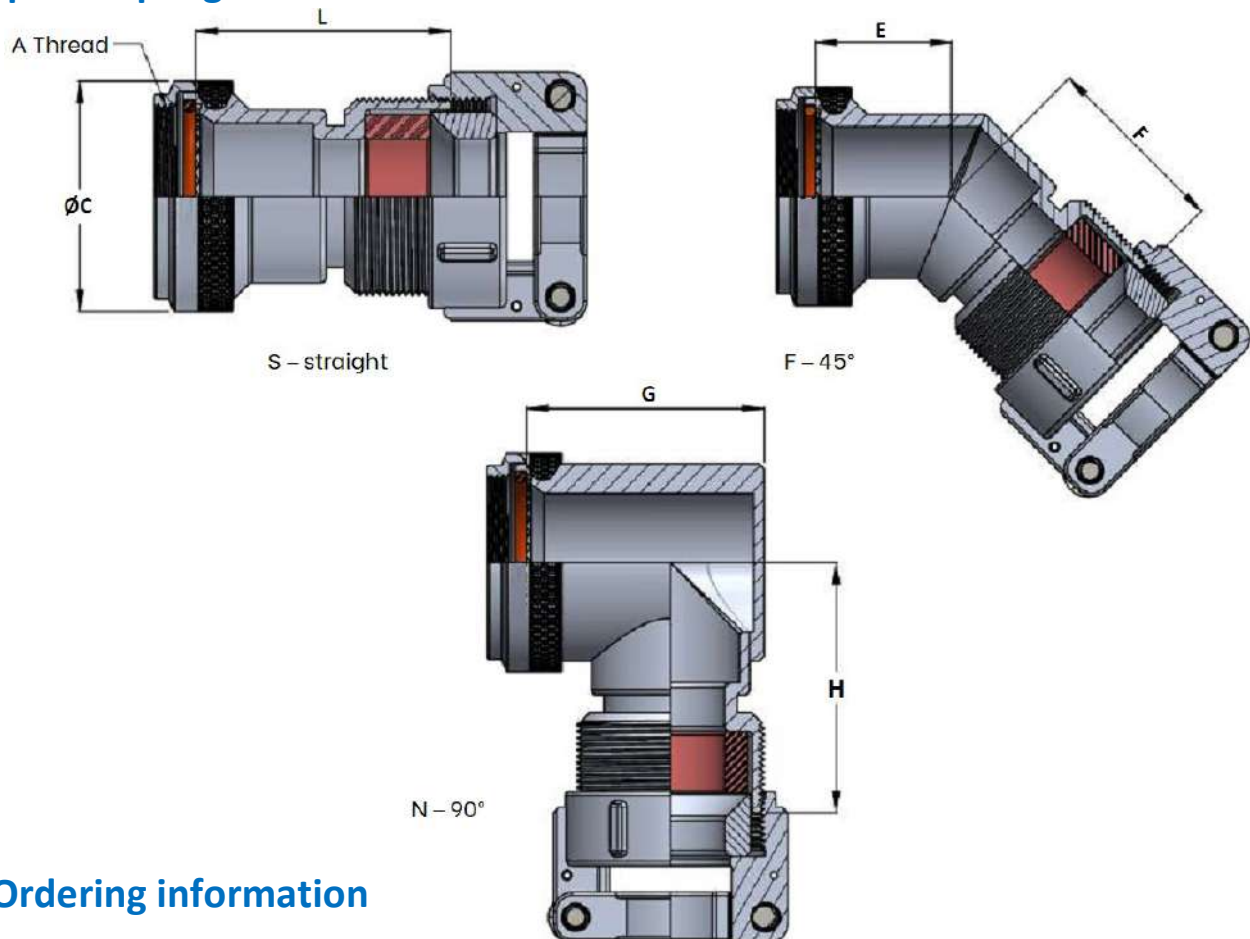
| Basic Series                     | ALBN | -H | 3 | W | -15 |
|----------------------------------|------|----|---|---|-----|
| Connector Interface:             |      |    |   |   |     |
| H – MIL-DTL-38999 (series 3 & 4) |      |    |   |   |     |
| Coupling Ring Option:            |      |    |   |   |     |
| 3 – spin coupling                |      |    |   |   |     |
| Material & Finish Code           |      |    |   |   |     |
| Shell Size                       |      |    |   |   |     |

## Dimensions

| Shell Size | A Thread  | Ø C MAX | Ø K MAX | Ø M MAX |
|------------|-----------|---------|---------|---------|
| 09         | M12 x 1.0 | 19.00   | 6.40    | 8.80    |
| 11         | M15 x 1.0 | 21.80   | 8.30    | 12.60   |
| 13         | M18 x 1.0 | 25.40   | 10.70   | 13.00   |
| 15         | M22 x 1.0 | 29.30   | 13.70   | 16.00   |
| 17         | M25 x 1.0 | 32.00   | 17.00   | 19.30   |
| 19         | M28 x 1.0 | 35.40   | 20.00   | 22.60   |
| 21         | M31 x 1.0 | 39.30   | 23.20   | 25.70   |
| 23         | M34 x 1.0 | 41.55   | 26.40   | 28.70   |
| 25         | M37 x 1.0 | 46.12   | 28.20   | 30.50   |

## Series ALCCB-01

Submersible backshells with strain relief, environmental, non screened spin coupling

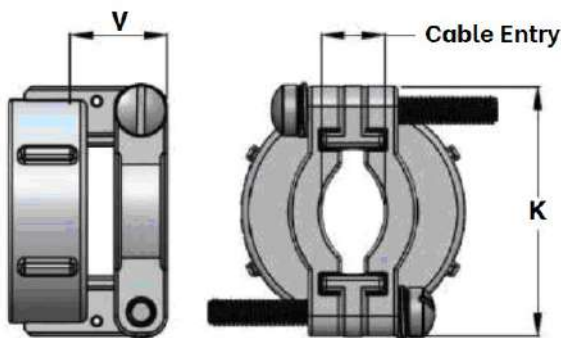


### Ordering information

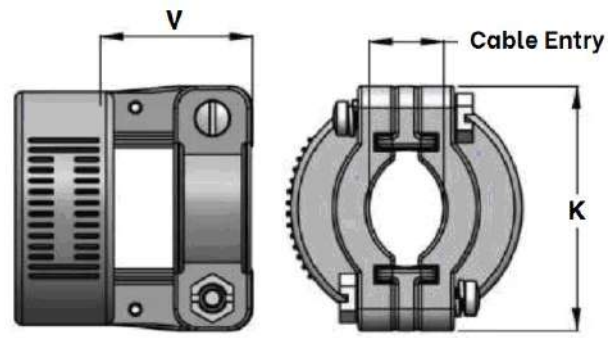
| Basic Series                               | ALCCB-01 | -H | 3 | S | W | -19 | 07 | -A | -6 |
|--------------------------------------------|----------|----|---|---|---|-----|----|----|----|
| Connector Interface:                       |          |    |   |   |   |     |    |    |    |
| H – MIL-DTL-38999 (series 3 & 4)           |          |    |   |   |   |     |    |    |    |
| Coupling Ring Option:                      |          |    |   |   |   |     |    |    |    |
| 3 – spin coupling                          |          |    |   |   |   |     |    |    |    |
| Angle Code:                                |          |    |   |   |   |     |    |    |    |
| S – straight                               |          |    |   |   |   |     |    |    |    |
| F – 45°                                    |          |    |   |   |   |     |    |    |    |
| N – 90°                                    |          |    |   |   |   |     |    |    |    |
| Material & Finish Code                     |          |    |   |   |   |     |    |    |    |
| Shell Size                                 |          |    |   |   |   |     |    |    |    |
| Cable Entry Code                           |          |    |   |   |   |     |    |    |    |
| Cable Clamp Type:                          |          |    |   |   |   |     |    |    |    |
| A – MS3057A                                |          |    |   |   |   |     |    |    |    |
| D – MS3057D                                |          |    |   |   |   |     |    |    |    |
| Length Code for Straight Parts:            |          |    |   |   |   |     |    |    |    |
| ST – for standard length (L) – 1.50"       |          |    |   |   |   |     |    |    |    |
| (1/2" increment, for example 8 = 4 inches) |          |    |   |   |   |     |    |    |    |

## Dimensions

| Shell Size | A Thread  | Ø C MAX | E MAX | F MAX | G MAX | H MAX | Cable Entry Code |
|------------|-----------|---------|-------|-------|-------|-------|------------------|
| 09         | M12 x 1.0 | 19.00   | 14.10 | 35.80 | 27.70 | 36.10 | 03 – 05          |
| 11         | M15 x 1.0 | 21.80   | 14.90 | 37.30 | 28.70 | 39.10 | 03 – 05          |
| 13         | M18 x 1.0 | 25.40   | 15.50 | 38.90 | 33.20 | 39.60 | 03 – 07          |
| 15         | M22 x 1.0 | 29.30   | 16.50 | 41.10 | 39.20 | 41.40 | 03 – 10          |
| 17         | M25 x 1.0 | 32.00   | 17.10 | 43.90 | 42.20 | 48.00 | 03 – 12          |
| 19         | M28 x 1.0 | 35.40   | 17.80 | 48.80 | 46.70 | 50.80 | 03 – 12          |
| 21         | M31 x 1.0 | 39.30   | 18.10 | 50.10 | 49.70 | 50.80 | 03 – 16          |
| 23         | M34 x 1.0 | 41.55   | 18.70 | 52.60 | 52.20 | 50.80 | 03 – 16          |
| 25         | M37 x 1.0 | 46.12   | 19.40 | 54.00 | 53.70 | 50.80 | 03 – 20          |



Cable Clamp Type MS3057A



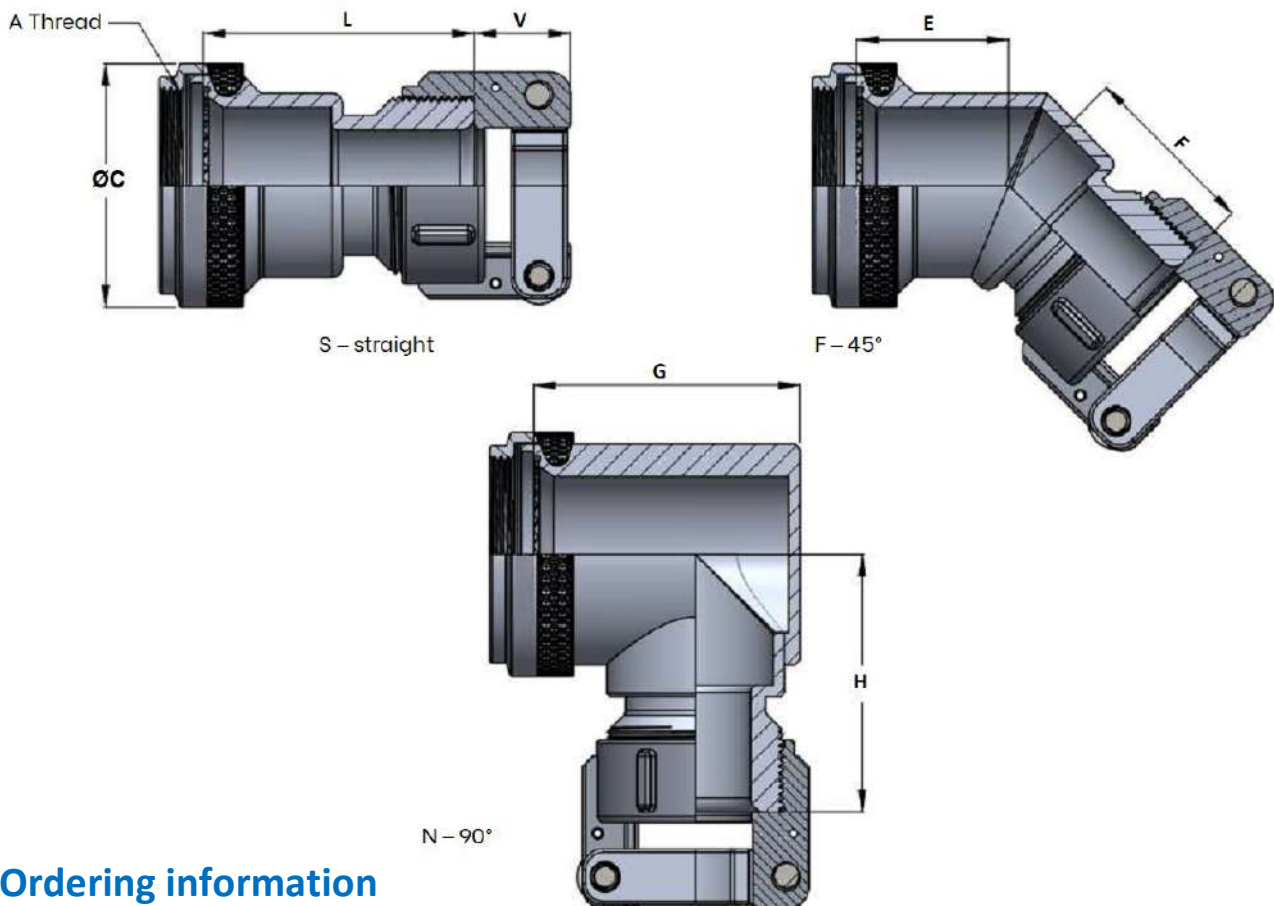
Cable Clamp Type MS3057D

| Cable Entry Code | Cable Entry MAX | K MAX | V MAX |
|------------------|-----------------|-------|-------|
| 03               | 6.40            | 21.40 | 11.10 |
| 04               | 7.90            | 23.00 | 11.10 |
| 06               | 11.10           | 27.80 | 12.70 |
| 08               | 14.30           | 30.20 | 14.30 |
| 10               | 15.90           | 32.60 | 14.30 |
| 12               | 19.10           | 38.10 | 14.30 |
| 16               | 23.80           | 43.70 | 16.70 |
| 20               | 31.80           | 52.40 | 16.70 |

| Cable Entry Code | Cable Entry |       | K MAX | V MAX |
|------------------|-------------|-------|-------|-------|
|                  | MIN         | MAX   |       |       |
| 04               | 3.20        | 7.90  | 24.30 | 19.80 |
| 06               | 6.40        | 11.10 | 29.10 | 19.80 |
| 08               | 9.80        | 14.30 | 33.80 | 19.80 |
| 10               | 8.90        | 15.90 | 33.80 | 19.80 |
| 12               | 12.70       | 19.10 | 39.40 | 20.60 |
| 16               | 15.90       | 23.80 | 45.00 | 23.00 |
| 20               | 22.20       | 31.80 | 53.70 | 27.70 |

## Series ALCCB-02

Submersible backshells with strain relief, non environmental, non screened, spin coupling

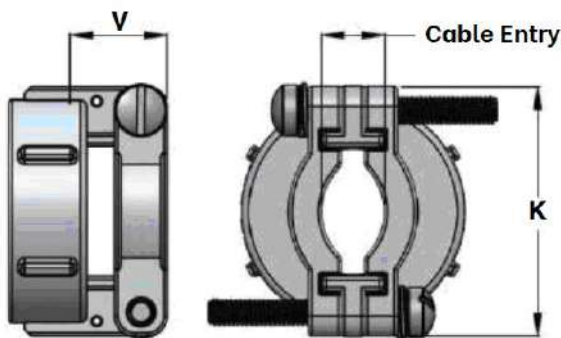


### Ordering information

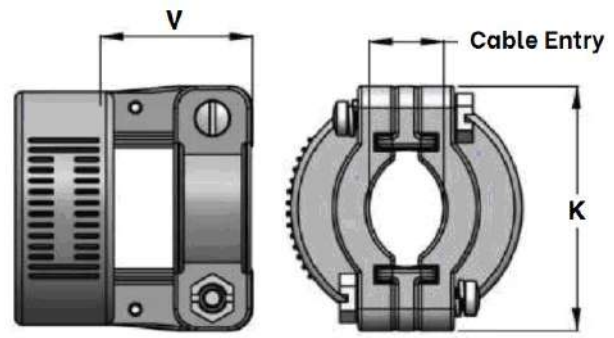
| Basic Series                               | ALCCB-02 | -H | 3 | S | W | -19 | 07 | -A | -6 |
|--------------------------------------------|----------|----|---|---|---|-----|----|----|----|
| Connector Interface:                       |          |    |   |   |   |     |    |    |    |
| H – MIL-DTL-38999 (series 3 & 4)           |          |    |   |   |   |     |    |    |    |
| Coupling Ring Option:                      |          |    |   |   |   |     |    |    |    |
| 3 – spin coupling                          |          |    |   |   |   |     |    |    |    |
| Angle Code:                                |          |    |   |   |   |     |    |    |    |
| S – straight                               |          |    |   |   |   |     |    |    |    |
| F – 45°                                    |          |    |   |   |   |     |    |    |    |
| N – 90°                                    |          |    |   |   |   |     |    |    |    |
| Material & Finish Code                     |          |    |   |   |   |     |    |    |    |
| Shell Size                                 |          |    |   |   |   |     |    |    |    |
| Cable Entry Code                           |          |    |   |   |   |     |    |    |    |
| Cable Clamp Type:                          |          |    |   |   |   |     |    |    |    |
| A – MS3057A                                |          |    |   |   |   |     |    |    |    |
| D – MS3057D                                |          |    |   |   |   |     |    |    |    |
| Length Code for Straight Parts:            |          |    |   |   |   |     |    |    |    |
| ST – for standard length (L) – 1.50"       |          |    |   |   |   |     |    |    |    |
| (1/2" increment, for example 8 = 4 inches) |          |    |   |   |   |     |    |    |    |

## Dimensions

| Shell Size | A Thread  | Ø C MAX | E MAX | F MAX | G MAX | H MAX | Cable Entry Code |
|------------|-----------|---------|-------|-------|-------|-------|------------------|
| 09         | M12 x 1.0 | 19.00   | 14.10 | 22.40 | 27.70 | 29.70 | 03 – 05          |
| 11         | M15 x 1.0 | 21.80   | 14.90 | 23.10 | 28.70 | 31.20 | 03 – 05          |
| 13         | M18 x 1.0 | 25.40   | 15.50 | 23.60 | 33.20 | 32.80 | 03 – 07          |
| 15         | M22 x 1.0 | 29.30   | 16.50 | 24.40 | 39.20 | 34.30 | 03 – 10          |
| 17         | M25 x 1.0 | 32.00   | 17.10 | 24.90 | 42.20 | 36.10 | 03 – 12          |
| 19         | M28 x 1.0 | 35.40   | 17.80 | 25.40 | 46.70 | 36.80 | 03 – 12          |
| 21         | M31 x 1.0 | 39.30   | 18.10 | 25.90 | 49.70 | 38.40 | 03 – 16          |
| 23         | M34 x 1.0 | 41.55   | 18.70 | 26.70 | 52.20 | 39.90 | 03 – 16          |
| 25         | M37 x 1.0 | 46.12   | 19.40 | 27.20 | 53.70 | 41.40 | 03 – 20          |



Cable Clamp Type MS3057A



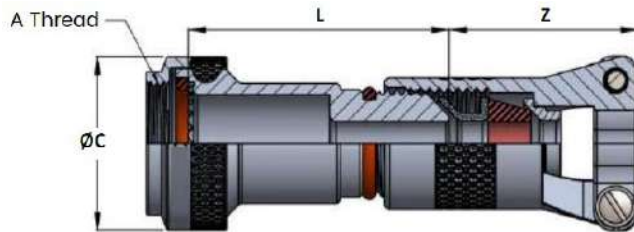
Cable Clamp Type MS3057D

| Cable Entry Code | Cable Entry MAX | K MAX | V MAX |
|------------------|-----------------|-------|-------|
| 03               | 6.40            | 21.40 | 11.10 |
| 04               | 7.90            | 23.00 | 11.10 |
| 06               | 11.10           | 27.80 | 12.70 |
| 08               | 14.30           | 30.20 | 14.30 |
| 10               | 15.90           | 32.60 | 14.30 |
| 12               | 19.10           | 38.10 | 14.30 |
| 16               | 23.80           | 43.70 | 16.70 |
| 20               | 31.80           | 52.40 | 16.70 |

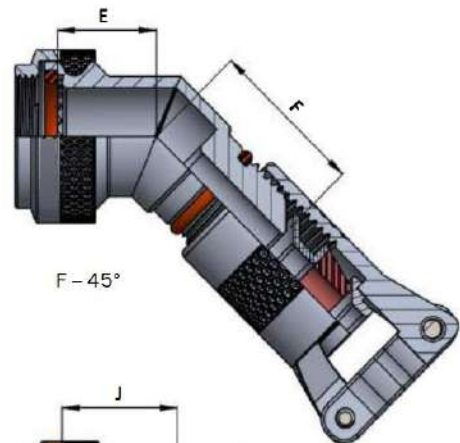
| Cable Entry Code | Cable Entry |       | K MAX | V MAX |
|------------------|-------------|-------|-------|-------|
|                  | MIN         | MAX   |       |       |
| 04               | 3.20        | 7.90  | 24.30 | 19.80 |
| 06               | 6.40        | 11.10 | 29.10 | 19.80 |
| 08               | 9.80        | 14.30 | 33.80 | 19.80 |
| 10               | 8.90        | 15.90 | 33.80 | 19.80 |
| 12               | 12.70       | 19.10 | 39.40 | 20.60 |
| 16               | 15.90       | 23.80 | 45.00 | 23.00 |
| 20               | 22.20       | 31.80 | 53.70 | 27.70 |

## Series ALCCB-03

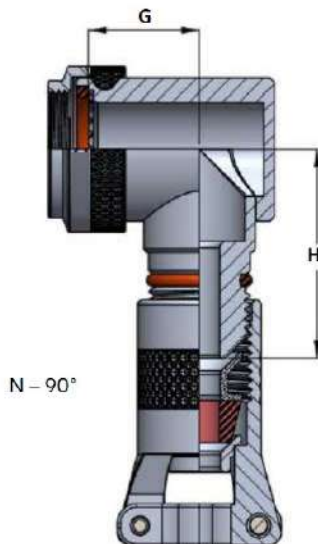
EMI/RFI Submersible backshells with strain relief, environmental spin coupling



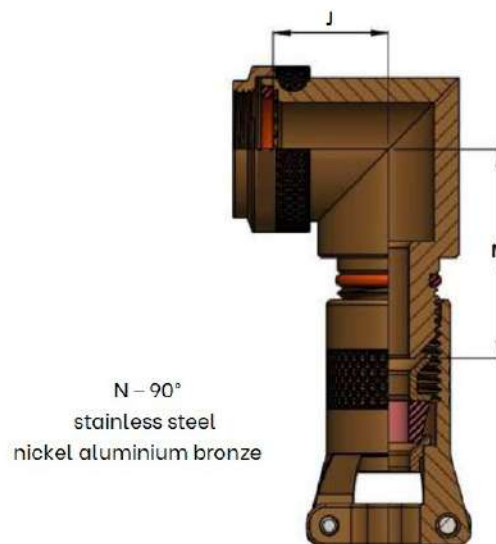
S – straight



F – 45°



N – 90°



N – 90°  
stainless steel  
nickel aluminium bronze

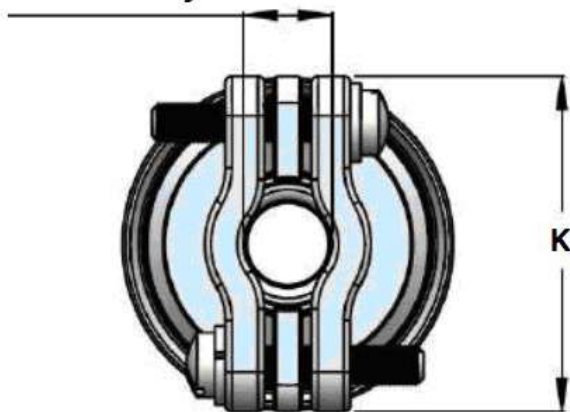
## Ordering information

| Basic Series                               | ALCCB-03 | -H | 3 | S | W | -19 | 07 | -L | -6 |
|--------------------------------------------|----------|----|---|---|---|-----|----|----|----|
| Connector Interface:                       |          |    |   |   |   |     |    |    |    |
| H – MIL-DTL-38999 (series 3 & 4)           |          |    |   |   |   |     |    |    |    |
| Coupling Ring Option:                      |          |    |   |   |   |     |    |    |    |
| 3 – spin coupling                          |          |    |   |   |   |     |    |    |    |
| Angle Code:                                |          |    |   |   |   |     |    |    |    |
| S – straight                               |          |    |   |   |   |     |    |    |    |
| F – 45°                                    |          |    |   |   |   |     |    |    |    |
| N – 90°                                    |          |    |   |   |   |     |    |    |    |
| Material & Finish Code                     |          |    |   |   |   |     |    |    |    |
| Shell Size                                 |          |    |   |   |   |     |    |    |    |
| Cable Entry Code                           |          |    |   |   |   |     |    |    |    |
| Cable Clamp Type:                          |          |    |   |   |   |     |    |    |    |
| L – Cable Clamp                            |          |    |   |   |   |     |    |    |    |
| E – Back Nut                               |          |    |   |   |   |     |    |    |    |
| Length Code for Straight Parts:            |          |    |   |   |   |     |    |    |    |
| ST – for standard length (L) – 1.75"       |          |    |   |   |   |     |    |    |    |
| (1/2" increment, for example 8 = 4 inches) |          |    |   |   |   |     |    |    |    |

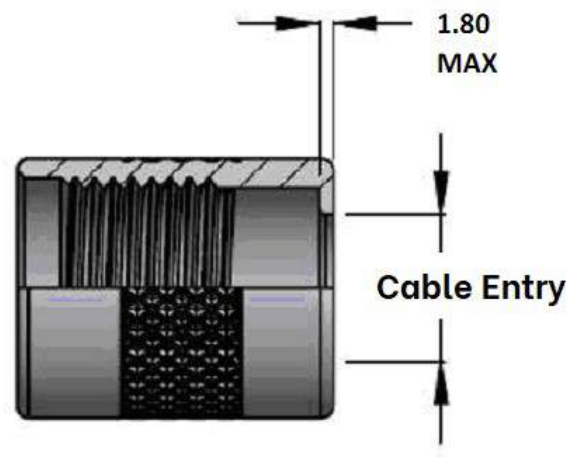
## Dimensions

| Shell Size | A Thread  | Ø C<br>MAX | E<br>MAX | F<br>MAX | G<br>MAX | H<br>MAX | J<br>MAX | N<br>MAX | Cable Entry<br>Code |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|---------------------|
| 09         | M12 x 1.0 | 19.00      | 14.10    | 48.20    | 27.70    | 44.90    | 17.40    | 44.90    | 01 – 02             |
| 11         | M15 x 1.0 | 21.80      | 14.90    | 49.80    | 28.70    | 44.90    | 18.80    | 44.90    | 02 – 04             |
| 13         | M18 x 1.0 | 25.40      | 15.50    | 51.30    | 33.20    | 45.20    | 20.60    | 45.20    | 04 – 06             |
| 15         | M22 x 1.0 | 29.30      | 16.50    | 53.60    | 39.20    | 45.20    | 22.70    | 45.20    | 04 – 08             |
| 17         | M25 x 1.0 | 32.00      | 17.10    | 56.40    | 42.20    | 46.20    | 24.30    | 46.20    | 04 – 10             |
| 19         | M28 x 1.0 | 35.40      | 17.80    | 62.20    | 46.70    | 49.30    | 26.40    | 49.30    | 04 – 16             |
| 21         | M31 x 1.0 | 39.30      | 18.10    | 61.20    | 49.70    | 47.50    | 27.10    | 47.50    | 04 – 16             |
| 23         | M34 x 1.0 | 41.55      | 18.70    | 65.00    | 52.20    | 49.00    | 28.60    | 49.00    | 04 – 16             |
| 25         | M37 x 1.0 | 46.12      | 19.40    | 65.00    | 53.70    | 49.20    | 30.10    | 49.20    | 04 – 18             |

Cable Entry



Cable Clamp Type L

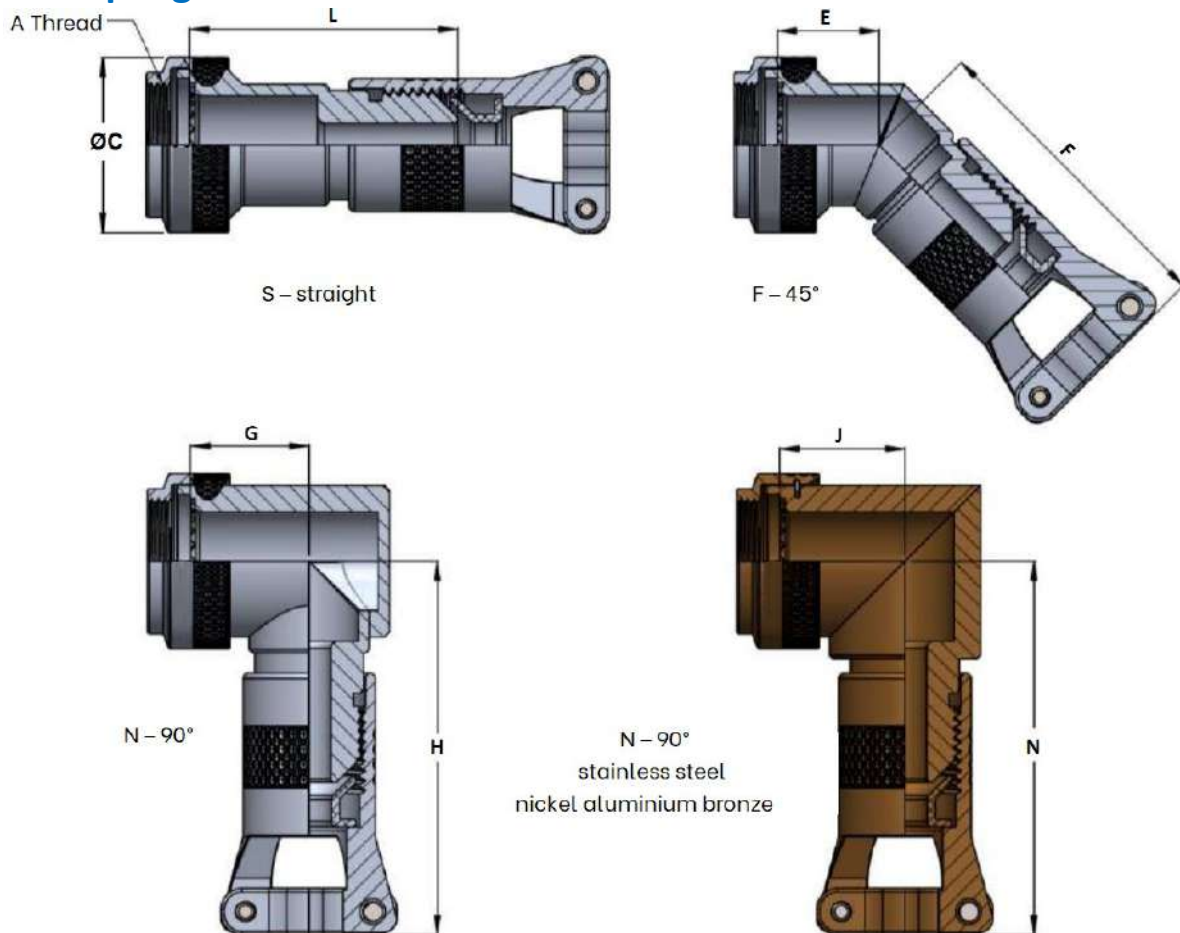


Back Nut Type E

| Cable Entry Code | Cable Entry |       | Ø K<br>MAX | Z<br>MAX |
|------------------|-------------|-------|------------|----------|
|                  | MIN         | MAX   |            |          |
| 01               | 1.60        | 3.20  | 19.80      | 29.50    |
| 02               | 3.20        | 6.40  | 24.60      | 29.50    |
| 04               | 6.40        | 9.50  | 27.00      | 29.50    |
| 06               | 7.90        | 12.70 | 29.40      | 29.50    |
| 08               | 11.10       | 15.90 | 31.80      | 29.50    |
| 10               | 14.30       | 19.10 | 34.90      | 29.50    |
| 12               | 17.40       | 22.20 | 38.10      | 29.50    |
| 14               | 20.60       | 25.40 | 41.30      | 29.50    |
| 16               | 23.80       | 28.60 | 44.50      | 29.50    |
| 18               | 27.00       | 31.80 | 47.60      | 29.50    |

## Series ALCCB-04

EMI/RFI Submersible backshells with strain relief, non environmental spin coupling



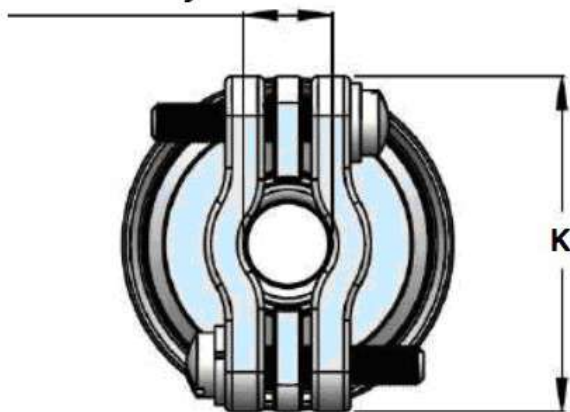
### Ordering information

| Basic Series                               | ALCCB-04 | -H | 3 | S | W | -19 | 07 | -L | -6 |
|--------------------------------------------|----------|----|---|---|---|-----|----|----|----|
| Connector Interface:                       |          |    |   |   |   |     |    |    |    |
| H – MIL-DTL-38999 (series 3 & 4)           |          |    |   |   |   |     |    |    |    |
| Coupling Ring Option:                      |          |    |   |   |   |     |    |    |    |
| 3 – spin coupling                          |          |    |   |   |   |     |    |    |    |
| Angle Code:                                |          |    |   |   |   |     |    |    |    |
| S – straight                               |          |    |   |   |   |     |    |    |    |
| F – 45°                                    |          |    |   |   |   |     |    |    |    |
| N – 90°                                    |          |    |   |   |   |     |    |    |    |
| Material & Finish Code                     |          |    |   |   |   |     |    |    |    |
| Shell Size                                 |          |    |   |   |   |     |    |    |    |
| Cable Entry Code                           |          |    |   |   |   |     |    |    |    |
| Cable Clamp Type:                          |          |    |   |   |   |     |    |    |    |
| L – Cable Clamp                            |          |    |   |   |   |     |    |    |    |
| E – Back Nut                               |          |    |   |   |   |     |    |    |    |
| Length Code for Straight Parts:            |          |    |   |   |   |     |    |    |    |
| ST – for standard length (L) – 1.75"       |          |    |   |   |   |     |    |    |    |
| (1/2" increment, for example 8 = 4 inches) |          |    |   |   |   |     |    |    |    |

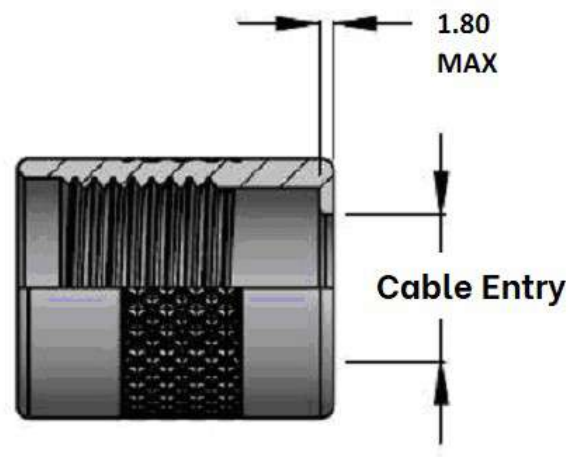
## Dimensions

| Shell Size | A Thread  | Ø C<br>MAX | E<br>MAX | F<br>MAX | G<br>MAX | H<br>MAX | J<br>MAX | N<br>MAX | Cable Entry<br>Code |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|---------------------|
| 09         | M12 x 1.0 | 19.00      | 14.10    | 80.01    | 27.70    | 87.88    | 17.40    | 19.00    | 01 – 02             |
| 11         | M15 x 1.0 | 21.80      | 14.90    | 81.83    | 28.70    | 90.93    | 18.80    | 21.80    | 02 – 04             |
| 13         | M18 x 1.0 | 25.40      | 15.50    | 83.06    | 33.20    | 91.44    | 20.60    | 25.40    | 04 – 06             |
| 15         | M22 x 1.0 | 29.30      | 16.50    | 85.34    | 39.20    | 93.22    | 22.70    | 29.30    | 04 – 08             |
| 17         | M25 x 1.0 | 32.00      | 17.10    | 88.14    | 42.20    | 95.50    | 24.30    | 32.00    | 04 – 10             |
| 19         | M28 x 1.0 | 35.40      | 17.80    | 92.96    | 46.70    | 99.82    | 26.40    | 35.40    | 04 – 16             |
| 21         | M31 x 1.0 | 39.30      | 18.10    | 92.96    | 49.70    | 99.82    | 27.10    | 39.30    | 04 – 16             |
| 23         | M34 x 1.0 | 41.55      | 18.70    | 96.77    | 52.20    | 102.62   | 28.60    | 41.55    | 04 – 16             |
| 25         | M37 x 1.0 | 46.12      | 19.40    | 96.77    | 53.70    | 102.62   | 30.10    | 46.12    | 04 – 18             |

Cable Entry



Cable Clamp Type L

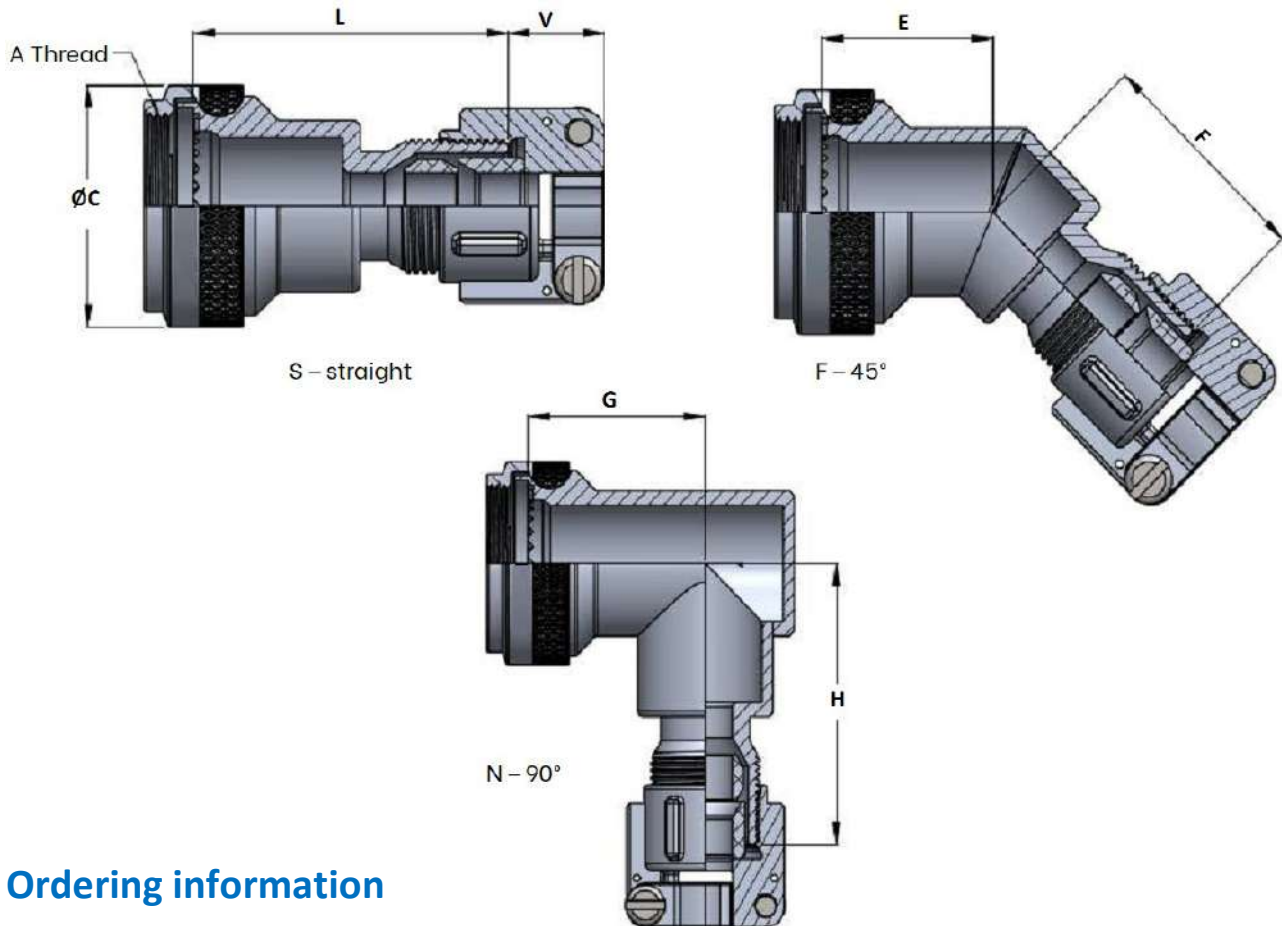


Back Nut Type E

| Cable Entry Code | Cable Entry |       | Ø K<br>MAX | Z<br>MAX |
|------------------|-------------|-------|------------|----------|
|                  | MIN         | MAX   |            |          |
| 01               | 1.60        | 3.20  | 19.80      | 29.50    |
| 02               | 3.20        | 6.40  | 24.60      | 29.50    |
| 04               | 6.40        | 9.50  | 27.00      | 29.50    |
| 06               | 7.90        | 12.70 | 29.40      | 29.50    |
| 08               | 11.10       | 15.90 | 31.80      | 29.50    |
| 10               | 14.30       | 19.10 | 34.90      | 29.50    |
| 12               | 17.40       | 22.20 | 38.10      | 29.50    |
| 14               | 20.60       | 25.40 | 41.30      | 29.50    |
| 16               | 23.80       | 28.60 | 44.50      | 29.50    |
| 18               | 27.00       | 31.80 | 47.60      | 29.50    |

## Series ALCCB-06

EMI/RFI Submersible backshells with strain relief & cone clamp,  
non environmental, spin coupling

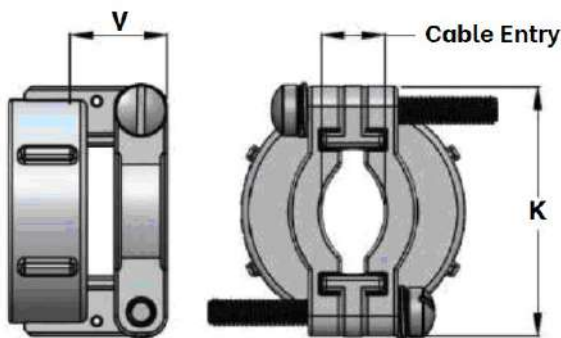


### Ordering information

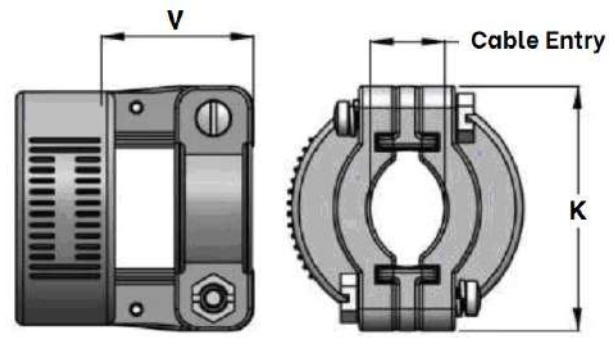
| Basic Series                               | ALCCB-06 | -H | 3 | S | W | -19 | 07 | -A | -6 |
|--------------------------------------------|----------|----|---|---|---|-----|----|----|----|
| Connector Interface:                       |          |    |   |   |   |     |    |    |    |
| H – MIL-DTL-38999 (series 3 & 4)           |          |    |   |   |   |     |    |    |    |
| Coupling Ring Option:                      |          |    |   |   |   |     |    |    |    |
| 3 – spin coupling                          |          |    |   |   |   |     |    |    |    |
| Angle Code:                                |          |    |   |   |   |     |    |    |    |
| S – straight                               |          |    |   |   |   |     |    |    |    |
| F – 45°                                    |          |    |   |   |   |     |    |    |    |
| N – 90°                                    |          |    |   |   |   |     |    |    |    |
| Material & Finish Code                     |          |    |   |   |   |     |    |    |    |
| Shell Size                                 |          |    |   |   |   |     |    |    |    |
| Cable Entry Code                           |          |    |   |   |   |     |    |    |    |
| Cable Clamp Type:                          |          |    |   |   |   |     |    |    |    |
| A – MS3057A                                |          |    |   |   |   |     |    |    |    |
| D – MS3057D                                |          |    |   |   |   |     |    |    |    |
| Length Code for Straight Parts:            |          |    |   |   |   |     |    |    |    |
| ST – for standard length (L) – 1.50"       |          |    |   |   |   |     |    |    |    |
| (1/2" increment, for example 8 = 4 inches) |          |    |   |   |   |     |    |    |    |

## Dimensions

| Shell Size | A Thread  | Ø C MAX | E MAX | F MAX | G MAX | H MAX | Cable Entry Code |
|------------|-----------|---------|-------|-------|-------|-------|------------------|
| 09         | M12 x 1.0 | 19.00   | 24.60 | 22.20 | 32.50 | 30.20 | 03 – 05          |
| 11         | M15 x 1.0 | 21.80   | 26.20 | 23.80 | 35.70 | 33.30 | 03 – 05          |
| 13         | M18 x 1.0 | 25.40   | 27.80 | 25.40 | 38.90 | 36.50 | 03 – 07          |
| 15         | M22 x 1.0 | 29.30   | 29.40 | 27.00 | 42.10 | 39.70 | 03 – 10          |
| 17         | M25 x 1.0 | 32.00   | 31.00 | 28.60 | 45.20 | 42.90 | 03 – 12          |
| 19         | M28 x 1.0 | 35.40   | 31.80 | 29.40 | 48.40 | 46.00 | 03 – 12          |
| 21         | M31 x 1.0 | 39.30   | 33.30 | 31.00 | 51.60 | 49.20 | 03 – 16          |
| 23         | M34 x 1.0 | 41.55   | 34.10 | 31.80 | 54.80 | 52.40 | 03 – 16          |
| 25         | M37 x 1.0 | 46.12   | 35.70 | 33.30 | 57.90 | 55.60 | 03 – 20          |



Cable Clamp Type MS3057A



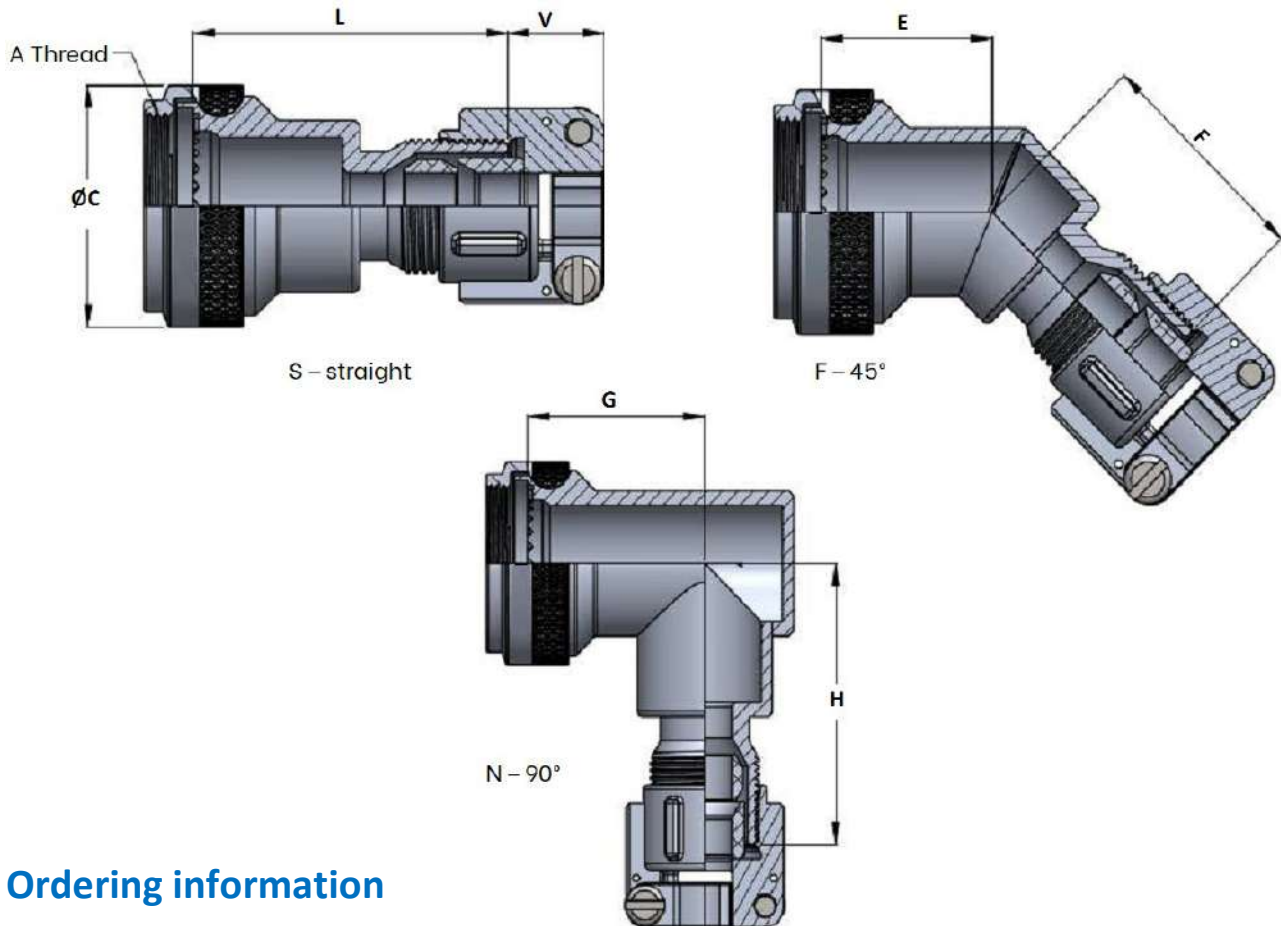
Cable Clamp Type MS3057D

| Cable Entry Code | Cable Entry MAX | K MAX | V MAX |
|------------------|-----------------|-------|-------|
| 03               | 6.40            | 21.40 | 11.10 |
| 04               | 7.90            | 23.00 | 11.10 |
| 06               | 11.10           | 27.80 | 12.70 |
| 08               | 14.30           | 30.20 | 14.30 |
| 10               | 15.90           | 32.60 | 14.30 |
| 12               | 19.10           | 38.10 | 14.30 |
| 16               | 23.80           | 43.70 | 16.70 |
| 20               | 31.80           | 52.40 | 16.70 |

| Cable Entry Code | Cable Entry |       | K MAX | V MAX |
|------------------|-------------|-------|-------|-------|
|                  | MIN         | MAX   |       |       |
| 04               | 3.20        | 7.90  | 24.30 | 19.80 |
| 06               | 6.40        | 11.10 | 29.10 | 19.80 |
| 08               | 9.80        | 14.30 | 33.80 | 19.80 |
| 10               | 8.90        | 15.90 | 33.80 | 19.80 |
| 12               | 12.70       | 19.10 | 39.40 | 20.60 |
| 16               | 15.90       | 23.80 | 45.00 | 23.00 |
| 20               | 22.20       | 31.80 | 53.70 | 27.70 |

## Series ALCCB-06

Submersible backshells with strain relief & cone clamp, non environmental, non screened, self locking coupling

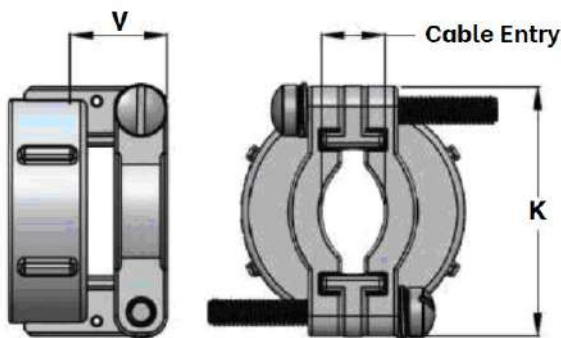


### Ordering information

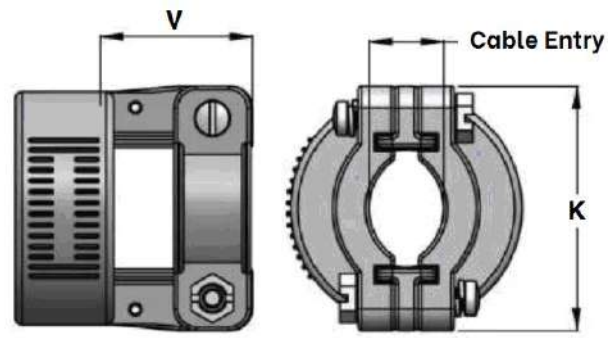
| Basic Series                               | ALCCB-06 | -H | 5 | S | W | -19 | 07 | -A | -6 |
|--------------------------------------------|----------|----|---|---|---|-----|----|----|----|
| Connector Interface:                       |          |    |   |   |   |     |    |    |    |
| H – MIL-DTL-38999 (series 3 & 4)           |          |    |   |   |   |     |    |    |    |
| Coupling Ring Option:                      |          |    |   |   |   |     |    |    |    |
| 5 – self locking coupling                  |          |    |   |   |   |     |    |    |    |
| Angle Code:                                |          |    |   |   |   |     |    |    |    |
| S – straight                               |          |    |   |   |   |     |    |    |    |
| F – 45°                                    |          |    |   |   |   |     |    |    |    |
| N – 90°                                    |          |    |   |   |   |     |    |    |    |
| Material & Finish Code                     |          |    |   |   |   |     |    |    |    |
| Shell Size                                 |          |    |   |   |   |     |    |    |    |
| Cable Entry Code                           |          |    |   |   |   |     |    |    |    |
| Cable Clamp Type:                          |          |    |   |   |   |     |    |    |    |
| A – MS3057A                                |          |    |   |   |   |     |    |    |    |
| D – MS3057D                                |          |    |   |   |   |     |    |    |    |
| Length Code for Straight Parts:            |          |    |   |   |   |     |    |    |    |
| ST – for standard length (L) – 1.50"       |          |    |   |   |   |     |    |    |    |
| (1/2" increment, for example 8 = 4 inches) |          |    |   |   |   |     |    |    |    |

## Dimensions

| Shell Size | A Thread  | Ø C MAX | E MAX | F MAX | G MAX | H MAX | Cable Entry Code |
|------------|-----------|---------|-------|-------|-------|-------|------------------|
| 09         | M12 x 1.0 | 21.50   | 24.60 | 22.20 | 32.50 | 30.20 | 03 – 05          |
| 11         | M15 x 1.0 | 24.65   | 26.20 | 23.80 | 35.70 | 33.30 | 03 – 05          |
| 13         | M18 x 1.0 | 28.10   | 27.80 | 25.40 | 38.90 | 36.50 | 03 – 07          |
| 15         | M22 x 1.0 | 31.50   | 29.40 | 27.00 | 42.10 | 39.70 | 03 – 10          |
| 17         | M25 x 1.0 | 34.50   | 31.00 | 28.60 | 45.20 | 42.90 | 03 – 12          |
| 19         | M28 x 1.0 | 37.50   | 31.80 | 29.40 | 48.40 | 46.00 | 03 – 12          |
| 21         | M31 x 1.0 | 40.50   | 33.30 | 31.00 | 51.60 | 49.20 | 03 – 16          |
| 23         | M34 x 1.0 | 43.50   | 34.10 | 31.80 | 54.80 | 52.40 | 03 – 16          |
| 25         | M37 x 1.0 | 47.50   | 35.70 | 33.30 | 57.90 | 55.60 | 03 – 20          |



Cable Clamp Type MS3057A



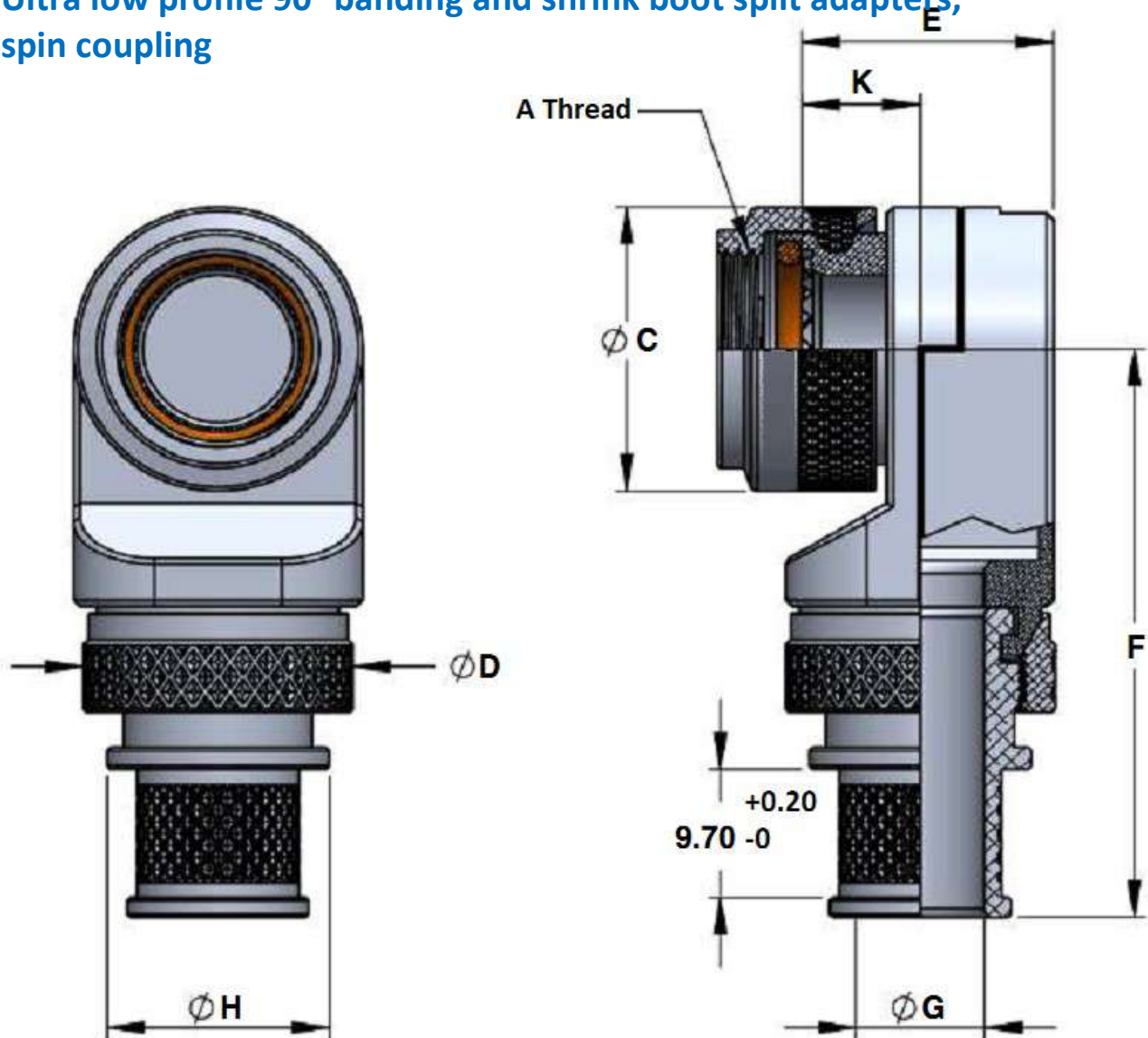
Cable Clamp Type MS3057D

| Cable Entry Code | Cable Entry MAX | K MAX | V MAX |
|------------------|-----------------|-------|-------|
| 03               | 6.40            | 21.40 | 11.10 |
| 04               | 7.90            | 23.00 | 11.10 |
| 06               | 11.10           | 27.80 | 12.70 |
| 08               | 14.30           | 30.20 | 14.30 |
| 10               | 15.90           | 32.60 | 14.30 |
| 12               | 19.10           | 38.10 | 14.30 |
| 16               | 23.80           | 43.70 | 16.70 |
| 20               | 31.80           | 52.40 | 16.70 |

| Cable Entry Code | Cable Entry |       | K MAX | V MAX |
|------------------|-------------|-------|-------|-------|
|                  | MIN         | MAX   |       |       |
| 04               | 3.20        | 7.90  | 24.30 | 19.80 |
| 06               | 6.40        | 11.10 | 29.10 | 19.80 |
| 08               | 9.80        | 14.30 | 33.80 | 19.80 |
| 10               | 8.90        | 15.90 | 33.80 | 19.80 |
| 12               | 12.70       | 19.10 | 39.40 | 20.60 |
| 16               | 15.90       | 23.80 | 45.00 | 23.00 |
| 20               | 22.20       | 31.80 | 53.70 | 27.70 |

## Series ALUPB-01

Ultra low profile 90° banding and shrink boot split adapters, spin coupling



### Ordering information

| Basic Series                     | ALUPB-01 | -H | 3 | W | -19 | -08 | -T |
|----------------------------------|----------|----|---|---|-----|-----|----|
| Connector Interface:             |          |    |   |   |     |     |    |
| H – MIL-DTL-38999 (series 3 & 4) |          |    |   |   |     |     |    |
| Coupling Ring Option:            |          |    |   |   |     |     |    |
| 3 – spin coupling                |          |    |   |   |     |     |    |
| Material & Finish Code           |          |    |   |   |     |     |    |
| Shell Size                       |          |    |   |   |     |     |    |
| Cable Entry Code                 |          |    |   |   |     |     |    |
| Banding Option:                  |          |    |   |   |     |     |    |
| S – CF spring                    |          |    |   |   |     |     |    |
| T – termination band             |          |    |   |   |     |     |    |
| Omit – for none                  |          |    |   |   |     |     |    |

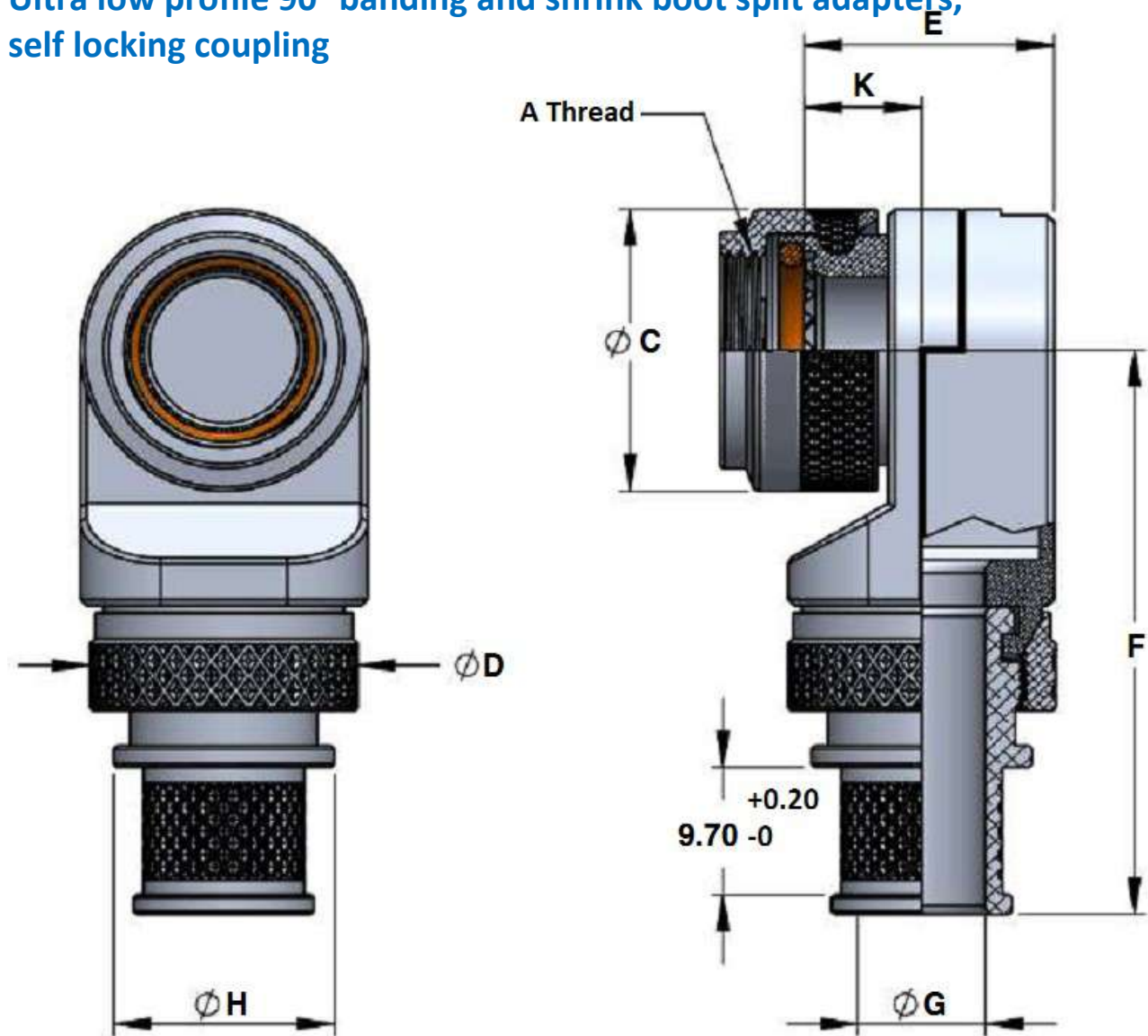
## Dimensions

| Shell Size | A Thread  | Ø C<br>MAX | K<br>MAX | E<br>MAX | F<br>MAX | Ø D<br>MAX | Cable Entry Code |
|------------|-----------|------------|----------|----------|----------|------------|------------------|
| <b>09</b>  | M12 x 1.0 | 19.00      | 9.50     | 17.70    | 48.60    | 18.70      | 02 – 04          |
| <b>11</b>  | M15 x 1.0 | 21.80      | 9.50     | 19.00    | 52.70    | 21.70      | 02 – 06          |
| <b>13</b>  | M18 x 1.0 | 25.40      | 9.50     | 22.10    | 52.70    | 24.70      | 02 – 06          |
| <b>15</b>  | M22 x 1.0 | 29.30      | 10.50    | 22.10    | 58.80    | 24.70      | 02 – 08          |
| <b>17</b>  | M25 x 1.0 | 32.00      | 11.20    | 25.10    | 58.80    | 28.70      | 02 – 10          |
| <b>19</b>  | M28 x 1.0 | 35.40      | 17.00    | 30.00    | 61.50    | 28.70      | 02 – 10          |
| <b>21</b>  | M31 x 1.0 | 39.30      | 17.00    | 30.00    | 62.50    | 28.70      | 02 – 10          |
| <b>23</b>  | M34 x 1.0 | 41.55      | 16.10    | 33.50    | 65.00    | 31.70      | 02 – 12          |
| <b>25</b>  | M37 x 1.0 | 46.12      | 18.10    | 36.50    | 66.50    | 31.70      | 02 – 12          |

| Cable Entry Code | Ø G +0.20 | Ø H MAX |
|------------------|-----------|---------|
| <b>02</b>        | 3.20      | 10.41   |
| <b>03</b>        | 4.70      | 11.91   |
| <b>04</b>        | 6.30      | 13.51   |
| <b>05</b>        | 7.90      | 15.11   |
| <b>06</b>        | 9.50      | 16.71   |
| <b>07</b>        | 11.10     | 18.31   |
| <b>08</b>        | 12.70     | 19.91   |
| <b>09</b>        | 14.20     | 21.41   |
| <b>10</b>        | 15.80     | 23.01   |
| <b>11</b>        | 17.40     | 24.61   |
| <b>12</b>        | 19.00     | 26.21   |

## Series ALUPB-01

Ultra low profile 90° banding and shrink boot split adapters,  
self locking coupling



### Ordering information

| Basic Series                     | ALUPB-01 | -H | 5 | W | -19 | -08 | -T |
|----------------------------------|----------|----|---|---|-----|-----|----|
| Connector Interface:             |          |    |   |   |     |     |    |
| H – MIL-DTL-38999 (series 3 & 4) |          |    |   |   |     |     |    |
| Coupling Ring Option:            |          |    |   |   |     |     |    |
| 5 – self locking coupling        |          |    |   |   |     |     |    |
| Material & Finish Code           |          |    |   |   |     |     |    |
| Shell Size                       |          |    |   |   |     |     |    |
| Cable Entry Code                 |          |    |   |   |     |     |    |
| Banding Option:                  |          |    |   |   |     |     |    |
| S – CF spring                    |          |    |   |   |     |     |    |
| T – termination band             |          |    |   |   |     |     |    |
| Omit – for none                  |          |    |   |   |     |     |    |

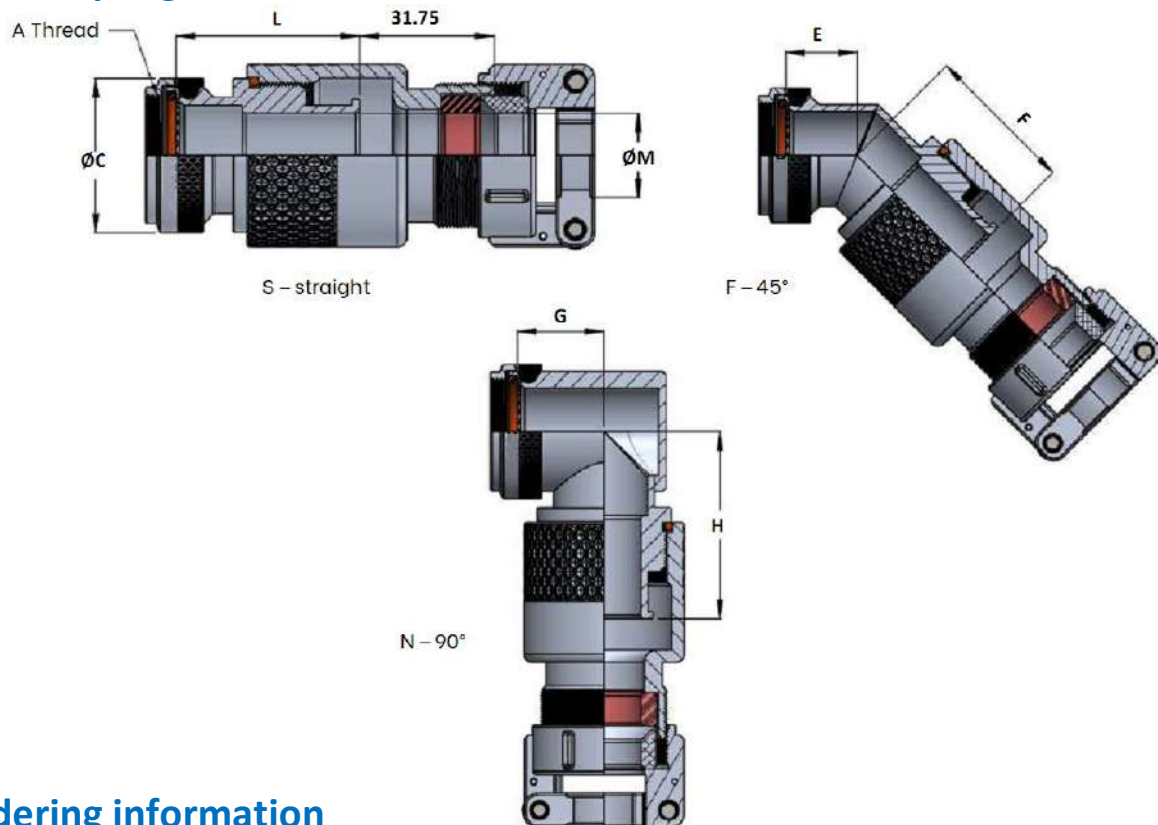
## Dimensions

| Shell Size | A Thread  | Ø C<br>MAX | K<br>MAX | E<br>MAX | F<br>MAX | Ø D<br>MAX | Cable Entry Code |
|------------|-----------|------------|----------|----------|----------|------------|------------------|
| <b>09</b>  | M12 x 1.0 | 21.50      | 13.50    | 21.70    | 48.60    | 18.70      | 02 – 04          |
| <b>11</b>  | M15 x 1.0 | 24.65      | 13.50    | 23.00    | 52.70    | 21.70      | 02 – 06          |
| <b>13</b>  | M18 x 1.0 | 28.10      | 13.50    | 26.10    | 52.70    | 24.70      | 02 – 06          |
| <b>15</b>  | M22 x 1.0 | 31.50      | 14.50    | 26.10    | 58.80    | 24.70      | 02 – 08          |
| <b>17</b>  | M25 x 1.0 | 34.50      | 15.20    | 29.10    | 58.80    | 28.70      | 02 – 10          |
| <b>19</b>  | M28 x 1.0 | 37.50      | 21.00    | 34.00    | 61.50    | 28.70      | 02 – 10          |
| <b>21</b>  | M31 x 1.0 | 40.50      | 21.00    | 34.00    | 62.50    | 28.70      | 02 – 10          |
| <b>23</b>  | M34 x 1.0 | 43.50      | 20.10    | 37.50    | 65.00    | 31.70      | 02 – 12          |
| <b>25</b>  | M37 x 1.0 | 47.50      | 22.10    | 40.50    | 66.50    | 31.70      | 02 – 12          |

| Cable Entry Code | Ø G +0.20 | Ø H MAX |
|------------------|-----------|---------|
| <b>02</b>        | 3.20      | 10.41   |
| <b>03</b>        | 4.70      | 11.91   |
| <b>04</b>        | 6.30      | 13.51   |
| <b>05</b>        | 7.90      | 15.11   |
| <b>06</b>        | 9.50      | 16.71   |
| <b>07</b>        | 11.10     | 18.31   |
| <b>08</b>        | 12.70     | 19.91   |
| <b>09</b>        | 14.20     | 21.41   |
| <b>10</b>        | 15.80     | 23.01   |
| <b>11</b>        | 17.40     | 24.61   |
| <b>12</b>        | 19.00     | 26.21   |

## Series ALBCB-01

EMI/RFI Band-in-a-can with strain-relief, environmental spin coupling

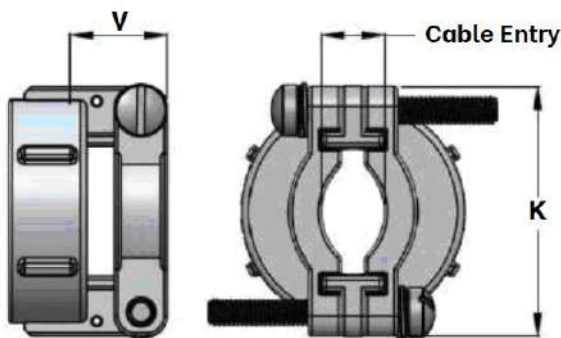


### Ordering information

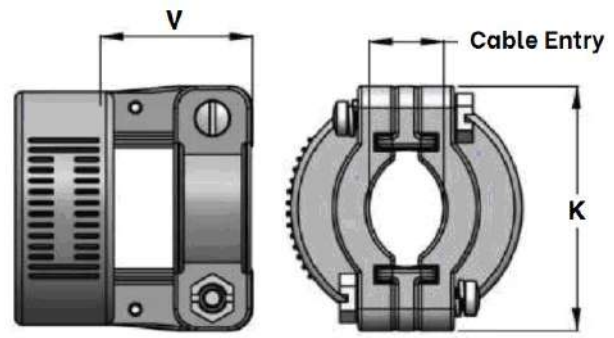
| Basic Series                               | ALBCB-01 | -H | 3 | S | W | -19 | 07 | -A | -6 | -T |
|--------------------------------------------|----------|----|---|---|---|-----|----|----|----|----|
| Connector Interface:                       |          |    |   |   |   |     |    |    |    |    |
| H – MIL-DTL-38999 (series 3 & 4)           |          |    |   |   |   |     |    |    |    |    |
| Coupling Ring Option:                      |          |    |   |   |   |     |    |    |    |    |
| 3 – spin coupling                          |          |    |   |   |   |     |    |    |    |    |
| Angle Code:                                |          |    |   |   |   |     |    |    |    |    |
| S – straight                               |          |    |   |   |   |     |    |    |    |    |
| F – 45°                                    |          |    |   |   |   |     |    |    |    |    |
| N – 90°                                    |          |    |   |   |   |     |    |    |    |    |
| Material & Finish Code                     |          |    |   |   |   |     |    |    |    |    |
| Shell Size                                 |          |    |   |   |   |     |    |    |    |    |
| Cable Entry Code                           |          |    |   |   |   |     |    |    |    |    |
| Cable Clamp Type:                          |          |    |   |   |   |     |    |    |    |    |
| A – MS3057A                                |          |    |   |   |   |     |    |    |    |    |
| D – MS3057D                                |          |    |   |   |   |     |    |    |    |    |
| Length Code for Straight Parts:            |          |    |   |   |   |     |    |    |    |    |
| ST – for standard length (L) – 2.00"       |          |    |   |   |   |     |    |    |    |    |
| (1/2" increment, for example 8 = 4 inches) |          |    |   |   |   |     |    |    |    |    |
| Banding Option:                            |          |    |   |   |   |     |    |    |    |    |
| S – CF spring                              |          |    |   |   |   |     |    |    |    |    |
| T – termination band                       |          |    |   |   |   |     |    |    |    |    |
| Omit – for none                            |          |    |   |   |   |     |    |    |    |    |

## Dimensions

| Shell Size | A Thread  | Ø C MAX | E MAX | F MAX | G MAX | H MAX | Cable Entry Code |
|------------|-----------|---------|-------|-------|-------|-------|------------------|
| 09         | M12 x 1.0 | 19.00   | 20.00 | 35.10 | 23.00 | 38.10 | 03 – 05          |
| 11         | M15 x 1.0 | 21.80   | 21.00 | 35.80 | 24.50 | 39.40 | 03 – 05          |
| 13         | M18 x 1.0 | 25.40   | 21.50 | 36.30 | 26.10 | 40.90 | 03 – 07          |
| 15         | M22 x 1.0 | 29.30   | 22.00 | 37.10 | 27.30 | 42.70 | 03 – 10          |
| 17         | M25 x 1.0 | 32.00   | 23.00 | 37.60 | 28.90 | 44.20 | 03 – 12          |
| 19         | M28 x 1.0 | 35.40   | 23.50 | 37.80 | 29.90 | 44.70 | 03 – 12          |
| 21         | M31 x 1.0 | 39.30   | 24.00 | 38.40 | 31.40 | 46.20 | 03 – 16          |
| 23         | M34 x 1.0 | 41.55   | 24.50 | 39.40 | 32.90 | 48.30 | 03 – 16          |
| 25         | M37 x 1.0 | 46.12   | 25.00 | 40.10 | 34.40 | 50.00 | 03 – 20          |



Cable Clamp Type MS3057A



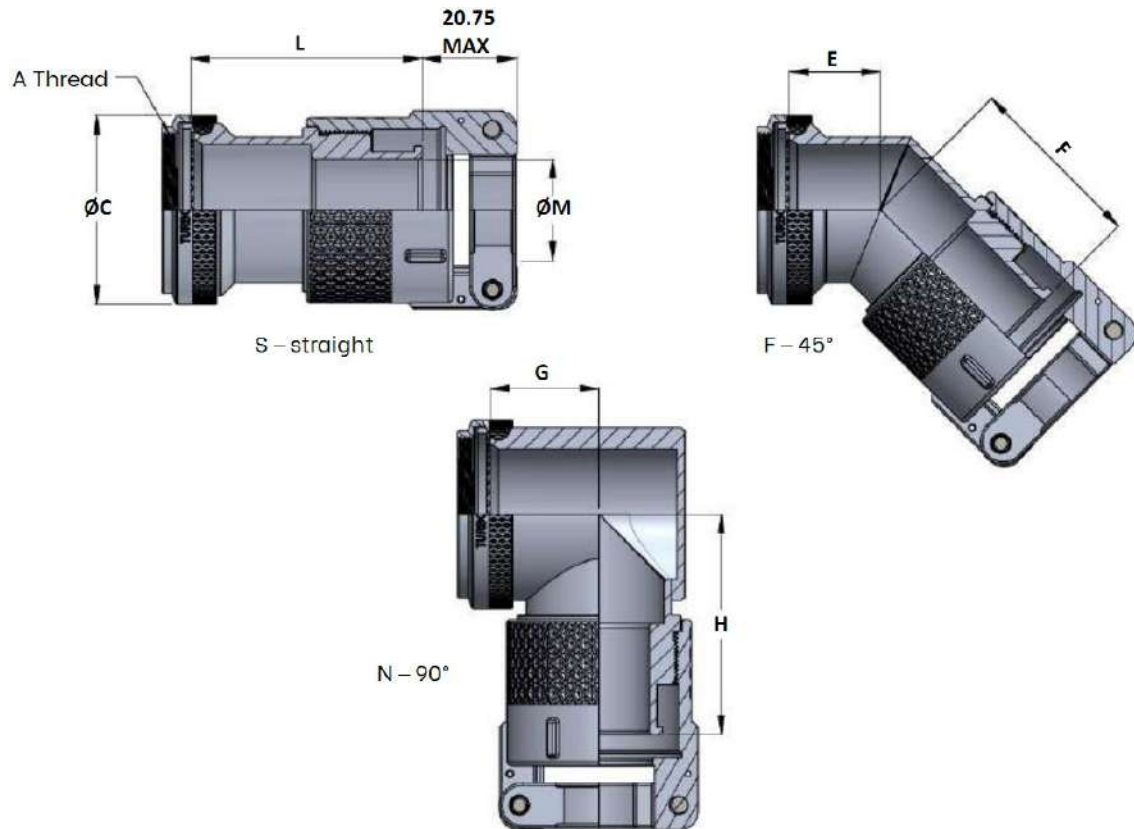
Cable Clamp Type MS3057D

| Cable Entry Code | Cable Entry MAX | K MAX | V MAX |
|------------------|-----------------|-------|-------|
| 03               | 6.40            | 21.40 | 11.10 |
| 04               | 7.90            | 23.00 | 11.10 |
| 06               | 11.10           | 27.80 | 12.70 |
| 08               | 14.30           | 30.20 | 14.30 |
| 10               | 15.90           | 32.60 | 14.30 |
| 12               | 19.10           | 38.10 | 14.30 |
| 16               | 23.80           | 43.70 | 16.70 |
| 20               | 31.80           | 52.40 | 16.70 |

| Cable Entry Code | Cable Entry |       | K MAX | V MAX |
|------------------|-------------|-------|-------|-------|
|                  | MIN         | MAX   |       |       |
| 04               | 3.20        | 7.90  | 24.30 | 19.80 |
| 06               | 6.40        | 11.10 | 29.10 | 19.80 |
| 08               | 9.80        | 14.30 | 33.80 | 19.80 |
| 10               | 8.90        | 15.90 | 33.80 | 19.80 |
| 12               | 12.70       | 19.10 | 39.40 | 20.60 |
| 16               | 15.90       | 23.80 | 45.00 | 23.00 |
| 20               | 22.20       | 31.80 | 53.70 | 27.70 |

## Series ALBCB-02

EMI/RFI Band-in-a-can with strain-relief, non environmental, spin coupling

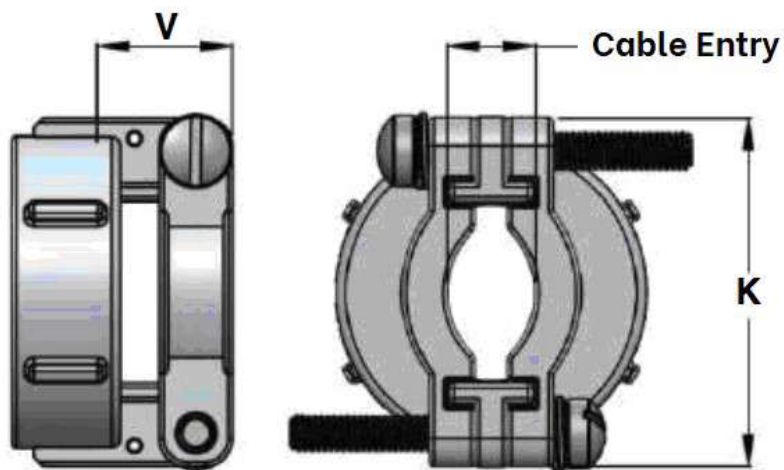


### Ordering information

| Basic Series                               | ALBCB-02 | -H | 3 | S | W | -19 | 07 | -A | -6 | -T |
|--------------------------------------------|----------|----|---|---|---|-----|----|----|----|----|
| Connector Interface:                       |          |    |   |   |   |     |    |    |    |    |
| H – MIL-DTL-38999 (series 3 & 4)           |          |    |   |   |   |     |    |    |    |    |
| Coupling Ring Option:                      |          |    |   |   |   |     |    |    |    |    |
| 3 – spin coupling                          |          |    |   |   |   |     |    |    |    |    |
| Angle Code:                                |          |    |   |   |   |     |    |    |    |    |
| S – straight                               |          |    |   |   |   |     |    |    |    |    |
| F – 45°                                    |          |    |   |   |   |     |    |    |    |    |
| N – 90°                                    |          |    |   |   |   |     |    |    |    |    |
| Material & Finish Code                     |          |    |   |   |   |     |    |    |    |    |
| Shell Size                                 |          |    |   |   |   |     |    |    |    |    |
| Cable Entry Code                           |          |    |   |   |   |     |    |    |    |    |
| Cable Clamp Type:                          |          |    |   |   |   |     |    |    |    |    |
| A – MS3057A                                |          |    |   |   |   |     |    |    |    |    |
| Length Code for Straight Parts:            |          |    |   |   |   |     |    |    |    |    |
| ST – for standard length (L) – 2.00"       |          |    |   |   |   |     |    |    |    |    |
| (1/2" increment, for example 8 = 4 inches) |          |    |   |   |   |     |    |    |    |    |
| Banding Option:                            |          |    |   |   |   |     |    |    |    |    |
| S – CF spring                              |          |    |   |   |   |     |    |    |    |    |
| T – termination band                       |          |    |   |   |   |     |    |    |    |    |
| Omit – for none                            |          |    |   |   |   |     |    |    |    |    |

## Dimensions

| Shell Size | A Thread  | Ø C MAX | E MAX | F MAX | G MAX | H MAX | Cable Entry Code |
|------------|-----------|---------|-------|-------|-------|-------|------------------|
| <b>09</b>  | M12 x 1.0 | 19.00   | 20.00 | 35.10 | 23.00 | 38.10 | 03 – 05          |
| <b>11</b>  | M15 x 1.0 | 21.80   | 21.00 | 35.80 | 24.50 | 39.40 | 03 – 05          |
| <b>13</b>  | M18 x 1.0 | 25.40   | 21.50 | 36.30 | 26.10 | 40.90 | 03 – 07          |
| <b>15</b>  | M22 x 1.0 | 29.30   | 22.00 | 37.10 | 27.30 | 42.70 | 03 – 10          |
| <b>17</b>  | M25 x 1.0 | 32.00   | 23.00 | 37.60 | 28.90 | 44.20 | 03 – 12          |
| <b>19</b>  | M28 x 1.0 | 35.40   | 23.50 | 37.80 | 29.90 | 44.70 | 03 – 12          |
| <b>21</b>  | M31 x 1.0 | 39.30   | 24.00 | 38.40 | 31.40 | 46.20 | 03 – 16          |
| <b>23</b>  | M34 x 1.0 | 41.55   | 24.50 | 39.40 | 32.90 | 48.30 | 03 – 16          |
| <b>25</b>  | M37 x 1.0 | 46.12   | 25.00 | 40.10 | 34.40 | 50.00 | 03 – 20          |



Cable Clamp Type MS3057A

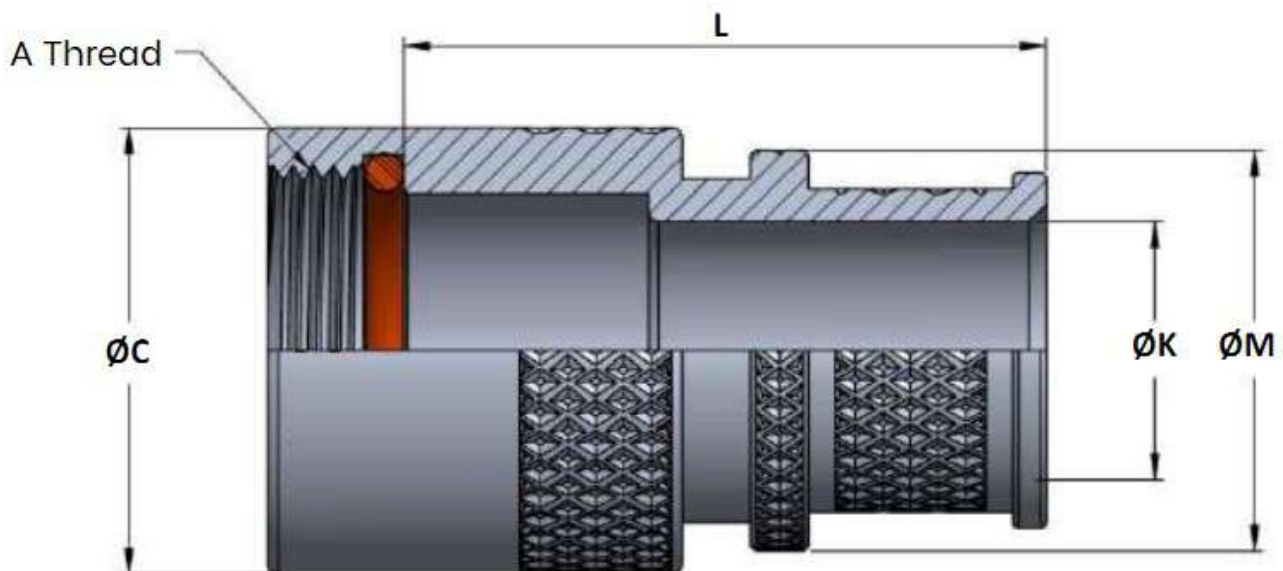
| Cable Entry Code | Ø M MAX | K MAX |
|------------------|---------|-------|
| <b>03</b>        | 6.40    | 21.40 |
| <b>04</b>        | 7.90    | 23.00 |
| <b>06</b>        | 11.10   | 27.80 |
| <b>08</b>        | 14.30   | 30.20 |
| <b>10</b>        | 15.90   | 32.60 |
| <b>12</b>        | 19.10   | 38.10 |
| <b>16</b>        | 23.80   | 43.70 |
| <b>20</b>        | 31.80   | 52.40 |
| <b>24</b>        | 34.90   | 58.70 |
| <b>28</b>        | 41.30   | 69.10 |
| <b>32</b>        | 47.60   | 75.40 |
| <b>40</b>        | 60.30   | 89.70 |



**MIL-DTL-5015 (crimp, MS34),  
MIL-DTL-26482 series 2,  
MIL-DTL-83723 series 3**

## Series ALBS

EMI/RFI banding and shrink boot adapters, direct coupling



## Ordering information

| Basic Series                                                                   | ALBS | -A | 1 | S | W | -18 | 07 | -ST | -T |
|--------------------------------------------------------------------------------|------|----|---|---|---|-----|----|-----|----|
| Connector Interface:                                                           |      |    |   |   |   |     |    |     |    |
| A – MIL-DTL-5015 (crimp, MS34), MIL-DTL-26482 series 2, MIL-DTL-83723 series 3 |      |    |   |   |   |     |    |     |    |
| Coupling Ring Option:                                                          |      |    |   |   |   |     |    |     |    |
| 1 – direct coupling                                                            |      |    |   |   |   |     |    |     |    |
| Angle Code:                                                                    |      |    |   |   |   |     |    |     |    |
| S – straight                                                                   |      |    |   |   |   |     |    |     |    |
| Material & Finish Code                                                         |      |    |   |   |   |     |    |     |    |
| Shell Size                                                                     |      |    |   |   |   |     |    |     |    |
| Cable Entry Code                                                               |      |    |   |   |   |     |    |     |    |
| Length Code for Straight Parts:                                                |      |    |   |   |   |     |    |     |    |
| ST – for standard length (L) – 1.25"                                           |      |    |   |   |   |     |    |     |    |
| (1/2" increment, for example 8 = 4 inches)                                     |      |    |   |   |   |     |    |     |    |
| Banding Option:                                                                |      |    |   |   |   |     |    |     |    |
| S – CF spring                                                                  |      |    |   |   |   |     |    |     |    |
| T – termination band                                                           |      |    |   |   |   |     |    |     |    |
| Omit – for none                                                                |      |    |   |   |   |     |    |     |    |



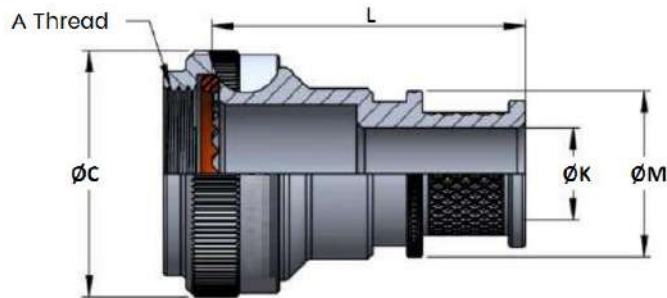
## Dimensions

| Shell Size | A Thread         | Ø C MAX | Cable Entry Code |
|------------|------------------|---------|------------------|
| 08         | 1/2 - 20 UNEF    | 18.80   | 02 – 04          |
| 10         | 5/8 - 24 UNEF    | 19.09   | 02 – 06          |
| 12         | 3/4 - 20 UNEF    | 22.26   | 02 – 08          |
| 14         | 7/8 - 20 UNEF    | 25.44   | 02 – 10          |
| 16         | 1 - 20 UNEF      | 29.41   | 02 – 12          |
| 18         | 1-1/16 - 18 UNEF | 32.59   | 02 – 14          |
| 20         | 1-3/16 - 18 UNEF | 36.56   | 02 – 16          |
| 22         | 1-5/16 - 18 UNEF | 39.73   | 02 – 18          |
| 24         | 1-7/16 - 18 UNEF | 39.73   | 02 – 20          |

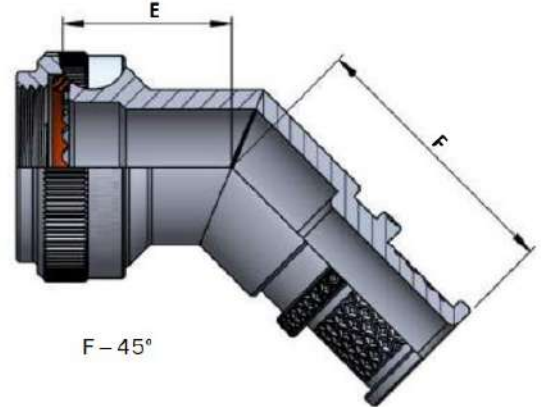
| Cable Entry Code | Ø K +0.20 | Ø M MAX |
|------------------|-----------|---------|
| 02               | 3.20      | 10.41   |
| 03               | 4.70      | 11.91   |
| 04               | 6.30      | 13.51   |
| 05               | 7.90      | 15.11   |
| 06               | 9.50      | 16.71   |
| 07               | 11.10     | 18.31   |
| 08               | 12.70     | 19.91   |
| 09               | 14.20     | 21.41   |
| 10               | 15.80     | 23.01   |
| 11               | 17.40     | 24.61   |
| 12               | 19.00     | 26.21   |
| 13               | 20.60     | 27.81   |
| 14               | 22.20     | 29.41   |
| 15               | 23.80     | 31.01   |
| 16               | 25.40     | 32.61   |
| 17               | 27.00     | 34.21   |
| 18               | 28.60     | 35.81   |
| 19               | 30.20     | 37.41   |
| 20               | 31.80     | 39.01   |

## Series ALBS

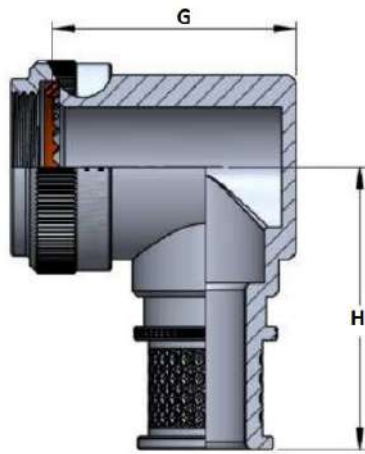
EMI/RFI banding and shrink boot adapters, spin coupling



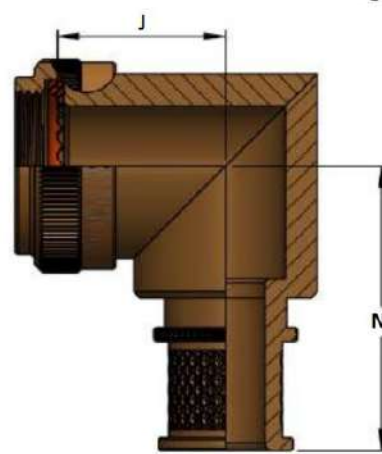
S – straight



F – 45°



N – 90°



N – 90°

stainless steel  
nickel aluminium bronze

## Ordering information

| Basic Series                                                                   | ALBS | -A | 3 | S | W | -18 | 07 | -8 | -T |
|--------------------------------------------------------------------------------|------|----|---|---|---|-----|----|----|----|
| Connector Interface:                                                           |      |    |   |   |   |     |    |    |    |
| A – MIL-DTL-5015 (crimp, MS34), MIL-DTL-26482 series 2, MIL-DTL-83723 series 3 |      |    |   |   |   |     |    |    |    |
| Coupling Ring Option:                                                          |      |    |   |   |   |     |    |    |    |
| 3 – spin coupling                                                              |      |    |   |   |   |     |    |    |    |
| Angle Code:                                                                    |      |    |   |   |   |     |    |    |    |
| S – straight                                                                   |      |    |   |   |   |     |    |    |    |
| F – 45°                                                                        |      |    |   |   |   |     |    |    |    |
| N – 90°                                                                        |      |    |   |   |   |     |    |    |    |
| Material & Finish Code                                                         |      |    |   |   |   |     |    |    |    |
| Shell Size                                                                     |      |    |   |   |   |     |    |    |    |
| Cable Entry Code                                                               |      |    |   |   |   |     |    |    |    |
| Length Code for Straight Parts:                                                |      |    |   |   |   |     |    |    |    |
| ST – for standard length (L) – 1.25"                                           |      |    |   |   |   |     |    |    |    |
| (1/2" increment, for example 8 = 4 inches)                                     |      |    |   |   |   |     |    |    |    |
| Banding Option:                                                                |      |    |   |   |   |     |    |    |    |
| S – CF spring                                                                  |      |    |   |   |   |     |    |    |    |
| T – termination band                                                           |      |    |   |   |   |     |    |    |    |
| Omit – for none                                                                |      |    |   |   |   |     |    |    |    |



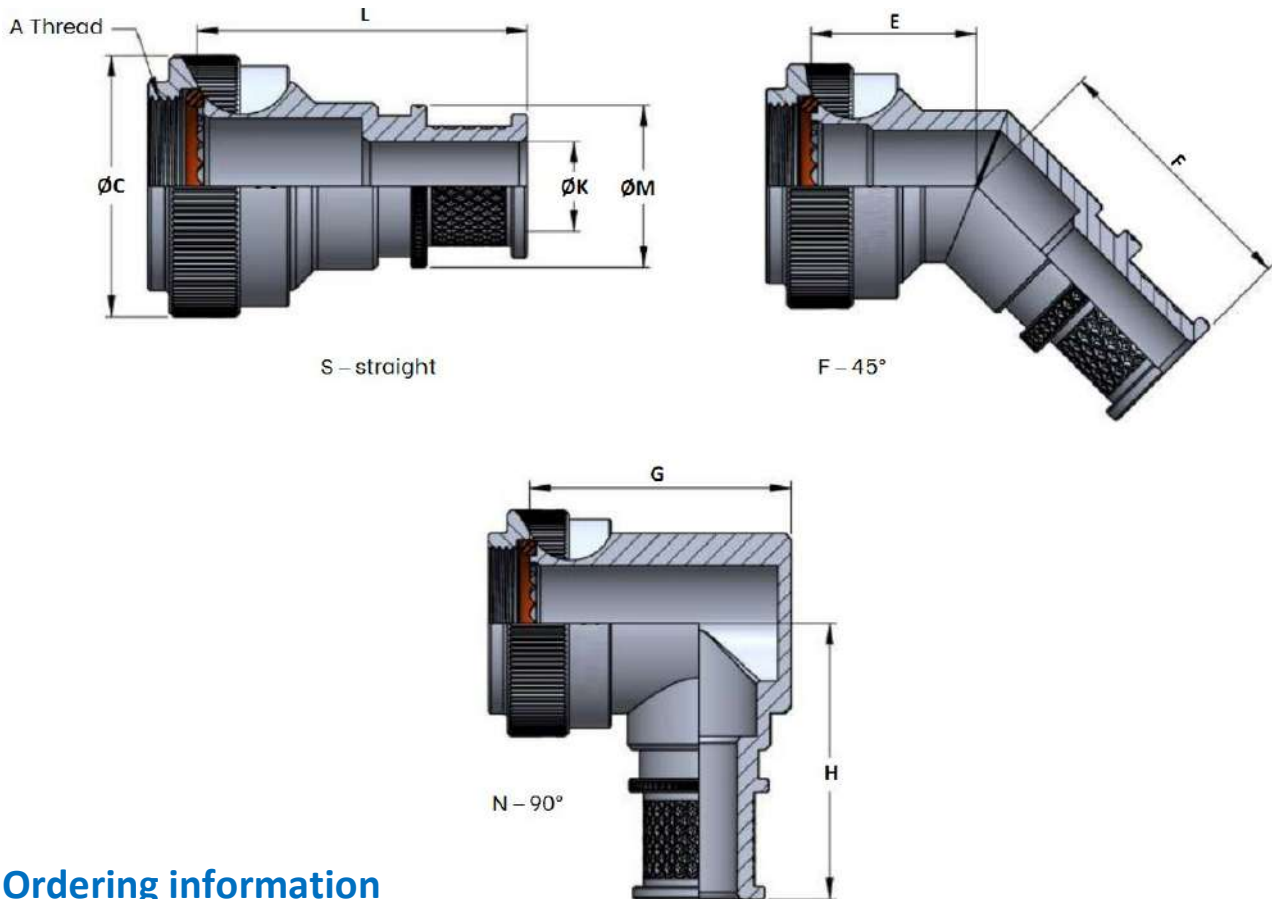
## Dimensions

| Shell Size | A Thread         |       | Ø C MAX |       | Cable Entry Code |       |
|------------|------------------|-------|---------|-------|------------------|-------|
| 08         | 1/2 - 20 UNEF    |       | 16.00   |       | 02 – 05          |       |
| 10         | 5/8 - 24 UNEF    |       | 18.70   |       | 02 – 07          |       |
| 12         | 3/4 - 20 UNEF    |       | 22.10   |       | 02 – 08          |       |
| 14         | 7/8 - 20 UNEF    |       | 25.20   |       | 02 – 10          |       |
| 16         | 1 - 20 UNEF      |       | 28.40   |       | 04 – 12          |       |
| 18         | 1-1/16 - 18 UNEF |       | 31.10   |       | 05 – 12          |       |
| 20         | 1-3/16 - 18 UNEF |       | 34.30   |       | 05 – 14          |       |
| 22         | 1-5/16 - 18 UNEF |       | 37.50   |       | 06 – 16          |       |
| 24         | 1-7/16 - 18 UNEF |       | 40.60   |       | 07 – 20          |       |
| Shell Size | E MAX            | F MAX | G MAX   | H MAX | J MAX            | N MAX |
| 08         | 18.10            | 27.40 | 25.70   | 31.00 | 18.50            | 31.00 |
| 10         | 18.30            | 27.20 | 27.70   | 33.00 | 19.80            | 33.00 |
| 12         | 18.80            | 27.10 | 30.20   | 32.80 | 21.40            | 32.80 |
| 14         | 19.60            | 28.90 | 31.70   | 34.40 | 22.50            | 34.40 |
| 16         | 20.50            | 29.20 | 35.20   | 37.70 | 24.00            | 37.70 |
| 18         | 20.70            | 30.10 | 38.20   | 37.70 | 25.00            | 37.70 |
| 20         | 21.60            | 30.30 | 43.20   | 39.30 | 26.70            | 39.30 |
| 22         | 21.80            | 30.60 | 45.20   | 41.60 | 28.20            | 41.60 |
| 24         | 23.30            | 32.50 | 46.20   | 42.60 | 29.70            | 42.60 |

| Cable Entry Code | Ø K +0.20 | Ø M MAX | Cable Entry Code | Ø K +0.20 | Ø M MAX |
|------------------|-----------|---------|------------------|-----------|---------|
| 02               | 3.20      | 10.41   | 12               | 19.00     | 26.21   |
| 03               | 4.70      | 11.91   | 13               | 20.60     | 27.81   |
| 04               | 6.30      | 13.51   | 14               | 22.20     | 29.41   |
| 05               | 7.90      | 15.11   | 15               | 23.80     | 31.01   |
| 06               | 9.50      | 16.71   | 16               | 25.40     | 32.61   |
| 07               | 11.10     | 18.31   | 17               | 27.00     | 34.21   |
| 08               | 12.70     | 19.91   | 18               | 28.60     | 35.81   |
| 09               | 14.20     | 21.41   | 19               | 30.20     | 37.41   |
| 10               | 15.80     | 23.01   | 20               | 31.80     | 39.01   |
| 11               | 17.40     | 24.61   |                  |           |         |

## Series ALBS

EMI/RFI banding and shrink boot adapters, self locking coupling  
M85049/82, M85049/83, M85049/84



## Ordering information

| Basic Series                                                                   | ALBS | -A | 5 | S | W | -18 | 07 | -8 | -T |
|--------------------------------------------------------------------------------|------|----|---|---|---|-----|----|----|----|
| Connector Interface:                                                           |      |    |   |   |   |     |    |    |    |
| A – MIL-DTL-5015 (crimp, MS34), MIL-DTL-26482 series 2, MIL-DTL-83723 series 3 |      |    |   |   |   |     |    |    |    |
| Coupling Ring Option:                                                          |      |    |   |   |   |     |    |    |    |
| 5 – self locking coupling                                                      |      |    |   |   |   |     |    |    |    |
| Angle Code:                                                                    |      |    |   |   |   |     |    |    |    |
| S – straight (M85049/82)                                                       |      |    |   |   |   |     |    |    |    |
| F – 45° (M85049/83)                                                            |      |    |   |   |   |     |    |    |    |
| N – 90° (M85049/84)                                                            |      |    |   |   |   |     |    |    |    |
| Material & Finish Code                                                         |      |    |   |   |   |     |    |    |    |
| Shell Size                                                                     |      |    |   |   |   |     |    |    |    |
| Cable Entry Code                                                               |      |    |   |   |   |     |    |    |    |
| Length Code for Straight Parts:                                                |      |    |   |   |   |     |    |    |    |
| ST – for standard length (L) – 1.25"                                           |      |    |   |   |   |     |    |    |    |
| (1/2" increment, for example 8 = 4 inches)                                     |      |    |   |   |   |     |    |    |    |
| Banding Option:                                                                |      |    |   |   |   |     |    |    |    |
| S – CF spring                                                                  |      |    |   |   |   |     |    |    |    |
| T – termination band                                                           |      |    |   |   |   |     |    |    |    |
| Omit – for none                                                                |      |    |   |   |   |     |    |    |    |



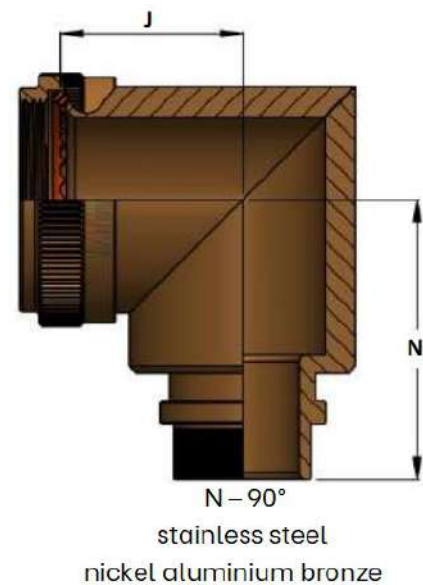
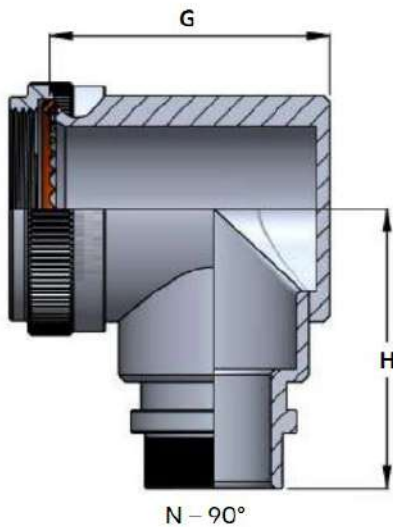
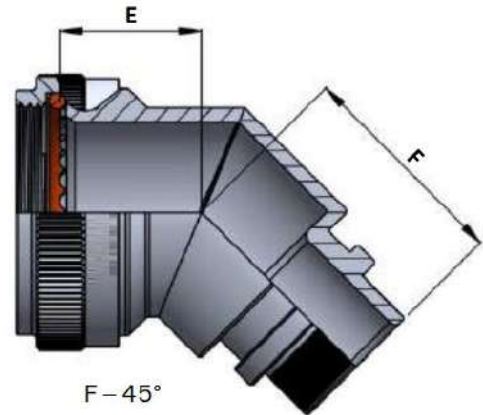
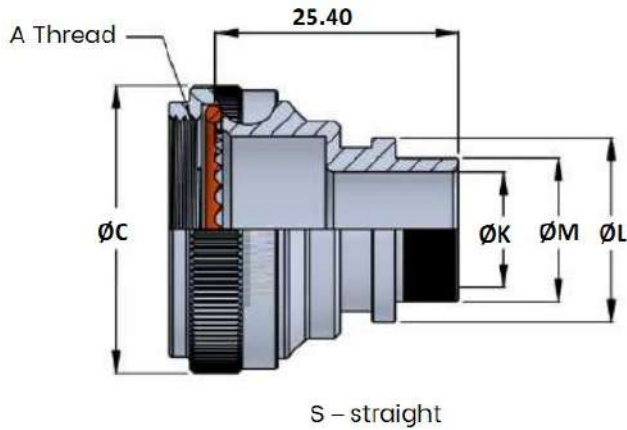
## Dimensions

| Shell Size | A Thread         | Ø C MAX | Cable Entry Code |       |
|------------|------------------|---------|------------------|-------|
| 08         | 1/2 - 20 UNEF    | 22.45   | 02 – 05          |       |
| 10         | 5/8 - 24 UNEF    | 25.65   | 02 – 07          |       |
| 12         | 3/4 - 20 UNEF    | 28.80   | 02 – 08          |       |
| 14         | 7/8 - 20 UNEF    | 32.00   | 02 – 10          |       |
| 16         | 1 - 20 UNEF      | 35.15   | 04 – 12          |       |
| 18         | 1-1/16 - 18 UNEF | 38.35   | 05 – 12          |       |
| 20         | 1-3/16 - 18 UNEF | 41.50   | 05 – 14          |       |
| 22         | 1-5/16 - 18 UNEF | 44.70   | 06 – 16          |       |
| 24         | 1-7/16 - 18 UNEF | 47.85   | 07 – 20          |       |
| Shell Size | E MAX            | F MAX   | G MAX            | H MAX |
| 08         | 22.10            | 27.40   | 30.20            | 31.00 |
| 10         | 22.60            | 27.20   | 32.50            | 33.00 |
| 12         | 23.40            | 27.10   | 35.70            | 32.80 |
| 14         | 23.90            | 28.90   | 38.90            | 34.40 |
| 16         | 24.40            | 29.20   | 42.10            | 37.70 |
| 18         | 24.90            | 30.10   | 43.60            | 37.70 |
| 20         | 25.40            | 30.30   | 46.80            | 39.30 |
| 22         | 26.20            | 30.60   | 49.20            | 41.60 |
| 24         | 26.70            | 32.50   | 53.20            | 42.60 |

| Cable Entry Code | Ø K +0.20 | Ø M MAX | Cable Entry Code | Ø K +0.20 | Ø M MAX |
|------------------|-----------|---------|------------------|-----------|---------|
| 02               | 3.20      | 10.41   | 12               | 19.00     | 26.21   |
| 03               | 4.70      | 11.91   | 13               | 20.60     | 27.81   |
| 04               | 6.30      | 13.51   | 14               | 22.20     | 29.41   |
| 05               | 7.90      | 15.11   | 15               | 23.80     | 31.01   |
| 06               | 9.50      | 16.71   | 16               | 25.40     | 32.61   |
| 07               | 11.10     | 18.31   | 17               | 27.00     | 34.21   |
| 08               | 12.70     | 19.91   | 18               | 28.60     | 35.81   |
| 09               | 14.20     | 21.41   | 19               | 30.20     | 37.41   |
| 10               | 15.80     | 23.01   | 20               | 31.80     | 39.01   |
| 11               | 17.40     | 24.61   |                  |           |         |

## Series ALMR

### EMI/RFI memory ring adapters, spin coupling



### Ordering information

| Basic Series                                                                   | ALMR | -A | 3 | S | W | -18 | 07 | -8 |
|--------------------------------------------------------------------------------|------|----|---|---|---|-----|----|----|
| Connector Interface:                                                           |      |    |   |   |   |     |    |    |
| A – MIL-DTL-5015 (crimp, MS34), MIL-DTL-26482 series 2, MIL-DTL-83723 series 3 |      |    |   |   |   |     |    |    |
| Coupling Ring Option:                                                          |      |    |   |   |   |     |    |    |
| 3 – spin coupling                                                              |      |    |   |   |   |     |    |    |
| Angle Code:                                                                    |      |    |   |   |   |     |    |    |
| S – straight                                                                   |      |    |   |   |   |     |    |    |
| F – 45°                                                                        |      |    |   |   |   |     |    |    |
| N – 90°                                                                        |      |    |   |   |   |     |    |    |
| Material & Finish Code                                                         |      |    |   |   |   |     |    |    |
| Shell Size                                                                     |      |    |   |   |   |     |    |    |
| Cable Entry Code                                                               |      |    |   |   |   |     |    |    |
| Length Code for Straight Parts:                                                |      |    |   |   |   |     |    |    |
| ST – for standard length (L) – 1.00"                                           |      |    |   |   |   |     |    |    |
| (1/2" increment, for example 8 = 4 inches)                                     |      |    |   |   |   |     |    |    |



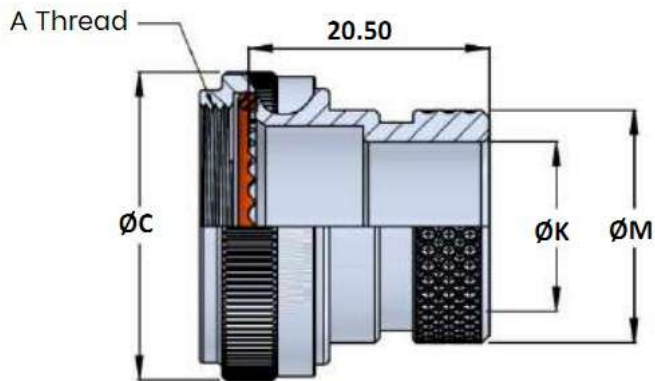
## Dimensions

| Shell Size | A Thread         | Ø C MAX | Cable Entry Code |       |       |       |
|------------|------------------|---------|------------------|-------|-------|-------|
| 08         | 1/2 - 20 UNEF    | 16.00   | 04 – 05          |       |       |       |
| 10         | 5/8 - 24 UNEF    | 18.70   | 04 – 07          |       |       |       |
| 12         | 3/4 - 20 UNEF    | 22.10   | 04 – 08          |       |       |       |
| 14         | 7/8 - 20 UNEF    | 25.20   | 04 – 10          |       |       |       |
| 16         | 1 - 20 UNEF      | 28.40   | 04 – 12          |       |       |       |
| 18         | 1-1/16 - 18 UNEF | 31.10   | 04 – 12          |       |       |       |
| 20         | 1-3/16 - 18 UNEF | 34.30   | 04 – 14          |       |       |       |
| 22         | 1-5/16 - 18 UNEF | 37.50   | 04 – 16          |       |       |       |
| 24         | 1-7/16 - 18 UNEF | 40.60   | 04 – 20          |       |       |       |
| Shell Size | E MAX            | F MAX   | G MAX            | H MAX | J MAX | N MAX |
| 08         | 18.10            | 28.30   | 25.70            | 27.00 | 18.50 | 27.20 |
| 10         | 18.30            | 29.00   | 27.70            | 28.70 | 19.80 | 29.00 |
| 12         | 18.80            | 29.50   | 30.20            | 29.40 | 21.40 | 30.50 |
| 14         | 19.60            | 30.50   | 31.70            | 31.10 | 22.50 | 32.00 |
| 16         | 20.50            | 31.20   | 35.20            | 33.40 | 24.00 | 33.70 |
| 18         | 20.70            | 32.00   | 38.20            | 33.50 | 25.00 | 33.70 |
| 20         | 21.60            | 32.40   | 43.20            | 35.10 | 26.70 | 35.10 |
| 22         | 21.80            | 31.60   | 45.20            | 36.70 | 28.20 | 36.70 |
| 24         | 23.30            | 34.00   | 46.20            | 38.20 | 29.70 | 38.20 |

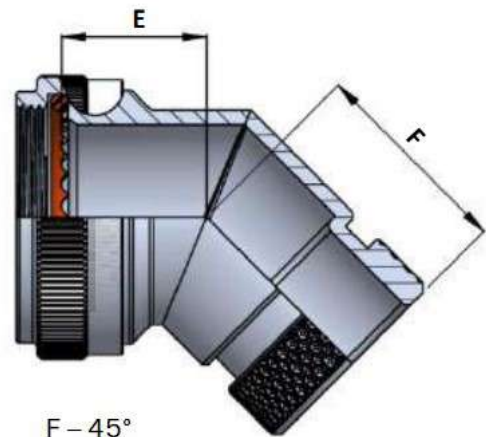
| Cable Entry Code | Ø K +0.20 | Ø M MAX | Ø L MAX | Cable Entry Code | Ø K +0.20 | Ø M MAX | Ø L MAX |
|------------------|-----------|---------|---------|------------------|-----------|---------|---------|
| 04               | 6.30      | 9.64    | 14.14   | 12               | 19.00     | 22.34   | 26.84   |
| 05               | 7.90      | 11.24   | 15.74   | 14               | 22.20     | 25.54   | 30.04   |
| 06               | 9.50      | 12.84   | 17.34   | 16               | 25.40     | 28.74   | 33.24   |
| 07               | 11.10     | 14.44   | 18.94   | 18               | 28.60     | 31.94   | 36.44   |
| 08               | 12.70     | 16.04   | 20.54   | 20               | 31.80     | 35.14   | 39.64   |
| 10               | 15.80     | 19.14   | 23.64   |                  |           |         |         |

## Series ALSA

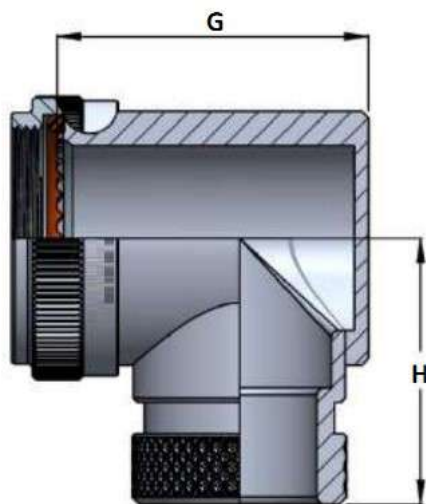
### Shrink boot adapters, spin coupling. M85049/60-1



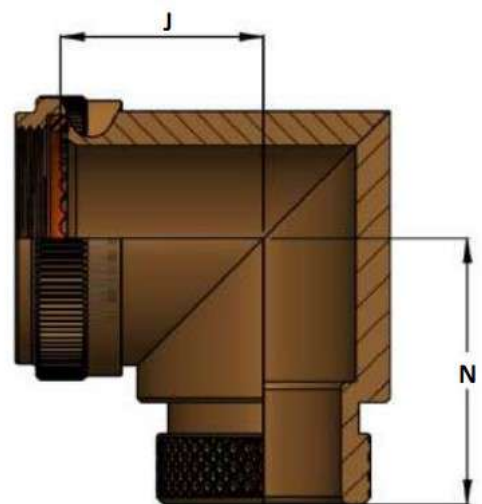
S – straight



F – 45°



N – 90°



N – 90°

stainless steel

nickel aluminium bronze

### Ordering information

| Basic Series                                                                   | ALSA | -A | 3 | S | W | -18 | DH |
|--------------------------------------------------------------------------------|------|----|---|---|---|-----|----|
| Connector Interface:                                                           |      |    |   |   |   |     |    |
| A – MIL-DTL-5015 (crimp, MS34), MIL-DTL-26482 series 2, MIL-DTL-83723 series 3 |      |    |   |   |   |     |    |
| Coupling Ring Option:                                                          |      |    |   |   |   |     |    |
| 3 – spin coupling                                                              |      |    |   |   |   |     |    |
| Angle Code:                                                                    |      |    |   |   |   |     |    |
| S – straight (M85049/60-1)                                                     |      |    |   |   |   |     |    |
| F – 45°                                                                        |      |    |   |   |   |     |    |
| N – 90°                                                                        |      |    |   |   |   |     |    |
| Material & Finish Code                                                         |      |    |   |   |   |     |    |
| Shell Size                                                                     |      |    |   |   |   |     |    |
| Drain Holes Option:                                                            |      |    |   |   |   |     |    |
| DH – Drain Holes                                                               |      |    |   |   |   |     |    |
| Omit – for none                                                                |      |    |   |   |   |     |    |

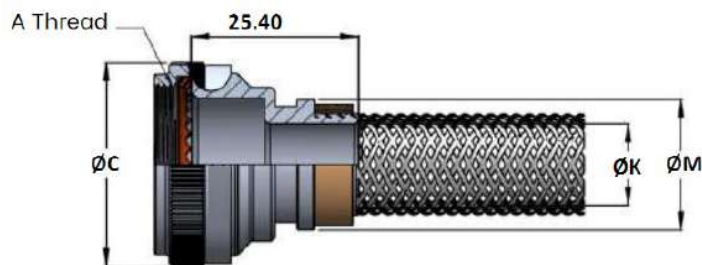


## Dimensions

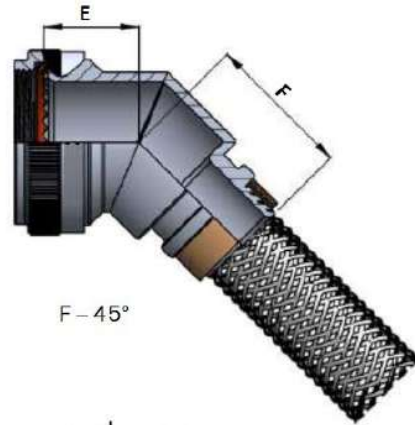
| Shell Size | A Thread         |       | Ø C MAX |       | Ø K   | Ø M   |
|------------|------------------|-------|---------|-------|-------|-------|
| 08         | 1/2 - 20 UNEF    |       | 16.00   |       | 6.35  | 13.54 |
| 10         | 5/8 - 24 UNEF    |       | 18.70   |       | 9.52  | 15.37 |
| 12         | 3/4 - 20 UNEF    |       | 22.10   |       | 12.70 | 19.66 |
| 14         | 7/8 - 20 UNEF    |       | 25.20   |       | 15.88 | 21.29 |
| 16         | 1 - 20 UNEF      |       | 28.40   |       | 19.05 | 24.46 |
| 18         | 1-1/16 - 18 UNEF |       | 31.10   |       | 20.62 | 26.47 |
| 20         | 1-3/16 - 18 UNEF |       | 34.30   |       | 23.80 | 30.91 |
| 22         | 1-5/16 - 18 UNEF |       | 37.50   |       | 26.97 | 34.42 |
| 24         | 1-7/16 - 18 UNEF |       | 40.60   |       | 30.18 | 36.65 |
| Shell Size | E MAX            | F MAX | G MAX   | H MAX | J MAX | N MAX |
| 08         | 18.10            | 18.10 | 25.70   | 26.00 | 18.50 | 26.00 |
| 10         | 18.30            | 19.00 | 27.70   | 27.70 | 19.80 | 27.70 |
| 12         | 18.80            | 20.10 | 30.20   | 29.20 | 21.40 | 29.20 |
| 14         | 19.60            | 20.40 | 31.70   | 30.70 | 22.50 | 30.70 |
| 16         | 20.50            | 21.20 | 35.20   | 32.40 | 24.00 | 32.40 |
| 18         | 20.70            | 21.50 | 38.20   | 32.40 | 25.00 | 32.40 |
| 20         | 21.60            | 22.10 | 43.20   | 34.00 | 26.70 | 34.00 |
| 22         | 21.80            | 23.00 | 45.20   | 35.60 | 28.20 | 35.60 |
| 24         | 23.30            | 23.40 | 46.20   | 37.10 | 29.70 | 37.10 |

## Series ALSS

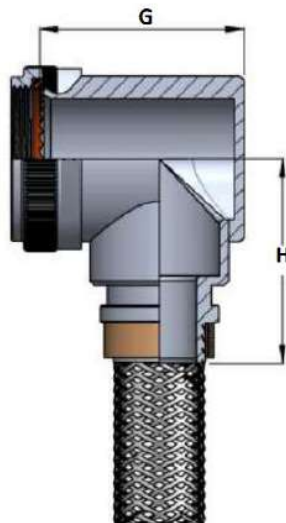
EMI/RFI shield sock shrink boot adapters, spin coupling  
M85049/109 & M85049/111



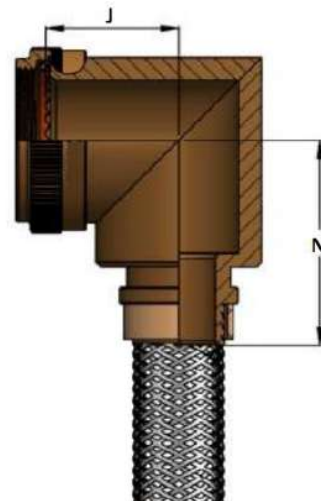
S – straight



F – 45°



N – 90°



N – 90°

stainless steel  
nickel aluminium bronze

### Ordering information

| Basic Series                                                                                      | ALSS | -A | 3 | S | W | -18 | 07 | -08 | -6 |
|---------------------------------------------------------------------------------------------------|------|----|---|---|---|-----|----|-----|----|
| Connector Interface:                                                                              |      |    |   |   |   |     |    |     |    |
| A – MIL-DTL-5015 (crimp, MS34), MIL-DTL-26482 series 2, MIL-DTL-83723 series 3                    |      |    |   |   |   |     |    |     |    |
| Coupling Ring Option:                                                                             |      |    |   |   |   |     |    |     |    |
| 3 – spin coupling                                                                                 |      |    |   |   |   |     |    |     |    |
| Angle Code:                                                                                       |      |    |   |   |   |     |    |     |    |
| S – straight (M85049/109)                                                                         |      |    |   |   |   |     |    |     |    |
| F – 45°                                                                                           |      |    |   |   |   |     |    |     |    |
| N – 90° (M85049/111)                                                                              |      |    |   |   |   |     |    |     |    |
| Material & Finish Code                                                                            |      |    |   |   |   |     |    |     |    |
| Shell Size                                                                                        |      |    |   |   |   |     |    |     |    |
| Cable Entry Code                                                                                  |      |    |   |   |   |     |    |     |    |
| Braid Length Code:                                                                                |      |    |   |   |   |     |    |     |    |
| Standard supply will be 6.00" (custom option available in 1" increment. for example 8 = 8 inches) |      |    |   |   |   |     |    |     |    |
| Length Code for Straight Parts:                                                                   |      |    |   |   |   |     |    |     |    |
| ST – for standard length (L) – 1.00"                                                              |      |    |   |   |   |     |    |     |    |
| (1/2" increment, for example 8 = 4 inches)                                                        |      |    |   |   |   |     |    |     |    |



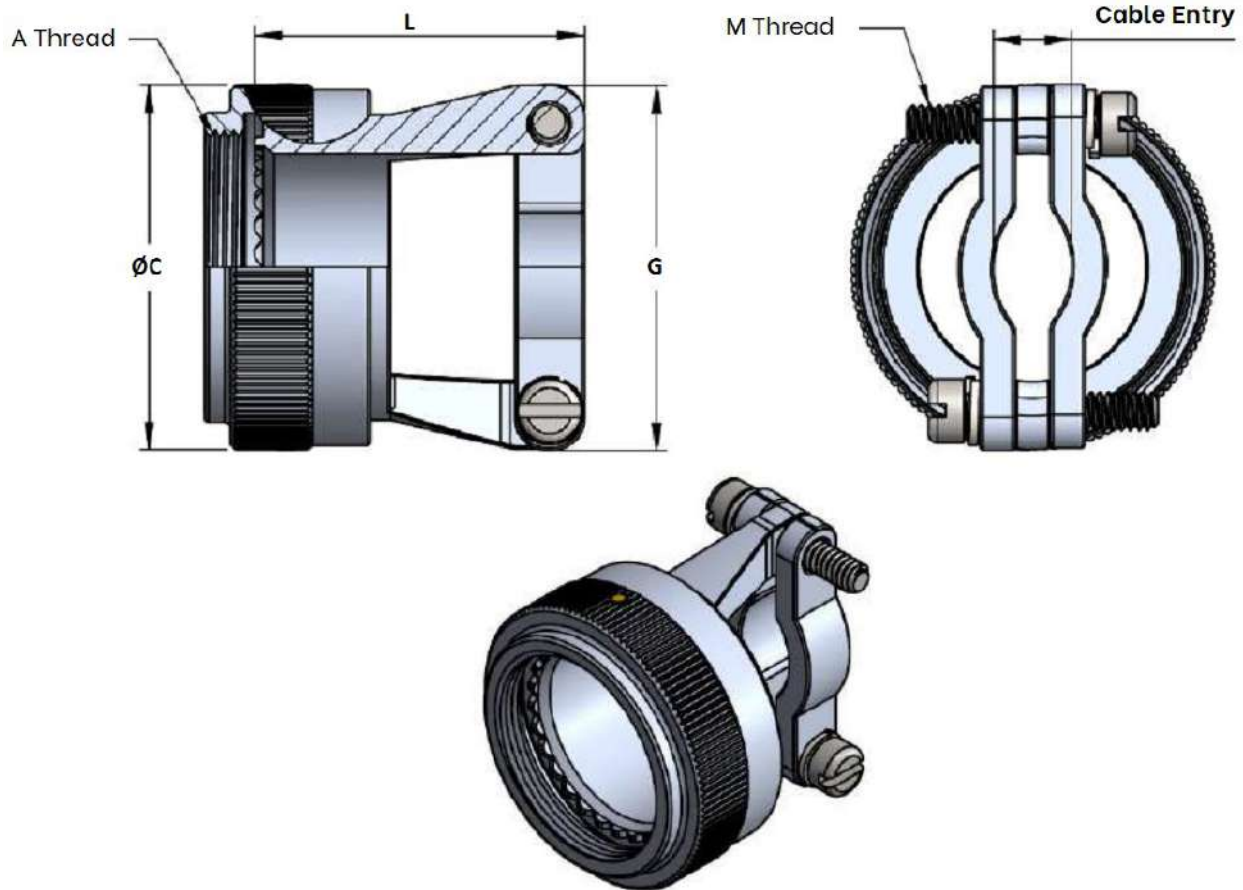
## Dimensions

| Shell Size | A Thread         | Ø C MAX | Cable Entry Code |       |       |       |
|------------|------------------|---------|------------------|-------|-------|-------|
| 08         | 1/2 - 20 UNEF    | 16.00   | 03 – 04          |       |       |       |
| 10         | 5/8 - 24 UNEF    | 18.70   | 03 – 06          |       |       |       |
| 12         | 3/4 - 20 UNEF    | 22.10   | 03 – 08          |       |       |       |
| 14         | 7/8 - 20 UNEF    | 25.20   | 03 – 09          |       |       |       |
| 16         | 1 - 20 UNEF      | 28.40   | 03 – 11          |       |       |       |
| 18         | 1-1/16 - 18 UNEF | 31.10   | 03 – 13          |       |       |       |
| 20         | 1-3/16 - 18 UNEF | 34.30   | 03 – 15          |       |       |       |
| 22         | 1-5/16 - 18 UNEF | 37.50   | 03 – 17          |       |       |       |
| 24         | 1-7/16 - 18 UNEF | 40.60   | 03 – 18          |       |       |       |
| Shell Size | E MAX            | F MAX   | G MAX            | H MAX | J MAX | N MAX |
| 08         | 18.10            | 17.90   | 25.70            | 25.80 | 18.50 | 25.80 |
| 10         | 18.30            | 18.20   | 27.70            | 26.50 | 19.80 | 26.50 |
| 12         | 18.80            | 18.60   | 30.20            | 27.50 | 21.40 | 27.50 |
| 14         | 19.60            | 19.40   | 31.70            | 29.10 | 22.50 | 29.10 |
| 16         | 20.50            | 20.20   | 35.20            | 31.20 | 24.00 | 31.20 |
| 18         | 20.70            | 20.50   | 38.20            | 31.20 | 25.00 | 31.20 |
| 20         | 21.60            | 21.30   | 43.20            | 33.00 | 26.70 | 33.00 |
| 22         | 21.80            | 21.60   | 45.20            | 34.60 | 28.20 | 34.60 |
| 24         | 23.30            | 23.00   | 46.20            | 36.10 | 29.70 | 36.10 |

| Cable Entry Code | Ø K +0.20 | Ø M MAX | Cable Entry Code | Ø K +0.20 | Ø M MAX |
|------------------|-----------|---------|------------------|-----------|---------|
| 03               | 4.70      | 12.40   | 11               | 17.40     | 25.10   |
| 04               | 6.30      | 14.00   | 12               | 19.00     | 26.70   |
| 05               | 7.90      | 15.60   | 13               | 20.60     | 28.30   |
| 06               | 9.50      | 17.20   | 14               | 22.20     | 29.90   |
| 07               | 11.10     | 18.80   | 15               | 23.80     | 31.50   |
| 08               | 12.70     | 20.40   | 16               | 25.40     | 33.10   |
| 09               | 14.20     | 21.90   | 17               | 27.00     | 34.70   |
| 10               | 15.80     | 23.50   | 18               | 28.60     | 36.30   |

## Series ALSB

### Straight Strain Reliefs, spin coupling. M85049/118



### Ordering information

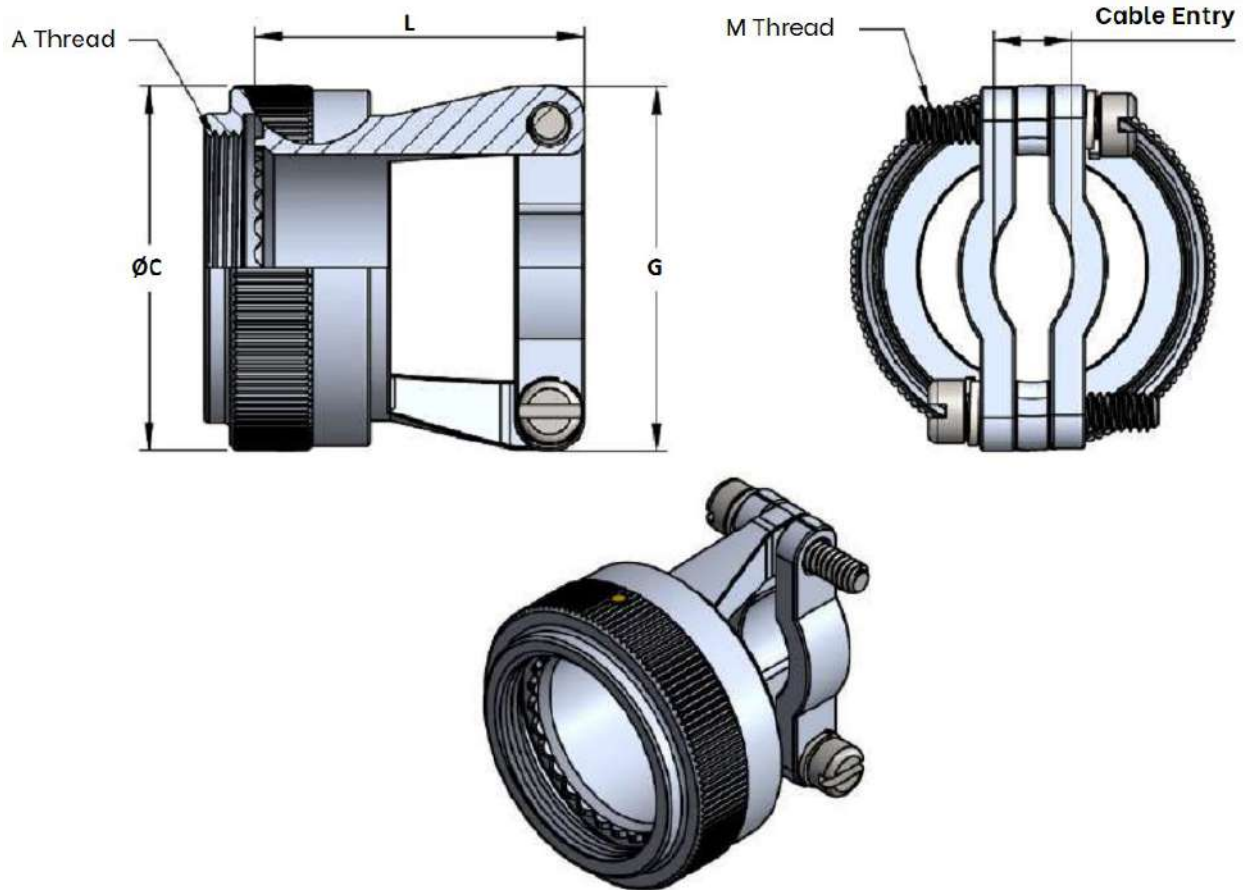
| Basic Series                                                                   | ALSB | -A | 3 | S | -14 |
|--------------------------------------------------------------------------------|------|----|---|---|-----|
| Connector Interface:                                                           |      |    |   |   |     |
| A – MIL-DTL-5015 (crimp, MS34), MIL-DTL-26482 series 2, MIL-DTL-83723 series 3 |      |    |   |   |     |
| Coupling Ring Option:                                                          |      |    |   |   |     |
| 3 – spin coupling                                                              |      |    |   |   |     |
| Material & Finish Code                                                         |      |    |   |   |     |
| Shell Size                                                                     |      |    |   |   |     |

### Dimensions

| Shell Size | A Thread         | Ø C MAX | Cable Entry   | L MAX | G MAX | M Thread |
|------------|------------------|---------|---------------|-------|-------|----------|
| 08         | 1/2 - 20 UNEF    | 16.00   | 3.20 – 5.20   | 16.00 | 19.90 | 6-32     |
| 10         | 5/8 - 24 UNEF    | 18.70   | 4.70 – 7.30   | 18.80 | 21.90 | 6-32     |
| 12         | 3/4 - 20 UNEF    | 22.10   | 7.40 – 10.60  | 21.84 | 25.50 | 6-32     |
| 14         | 7/8 - 20 UNEF    | 25.20   | 8.90 – 12.10  | 21.84 | 26.90 | 6-32     |
| 16         | 1 - 20 UNEF      | 28.40   | 12.70 – 15.90 | 25.15 | 33.90 | 6-32     |
| 18         | 1-1/16 - 18 UNEF | 31.10   | 13.20 – 17.90 | 31.50 | 37.20 | 8-32     |
| 20         | 1-3/16 - 18 UNEF | 34.30   | 14.80 – 21.10 | 34.54 | 39.90 | 8-32     |
| 22         | 1-5/16 - 18 UNEF | 37.50   | 16.40 – 24.30 | 37.85 | 42.90 | 8-32     |
| 24         | 1-7/16 - 18 UNEF | 40.60   | 17.90 – 27.50 | 40.89 | 45.50 | 8-32     |

## Series ALSB

### Straight Strain Reliefs, self locking coupling. M85049/118



### Ordering information

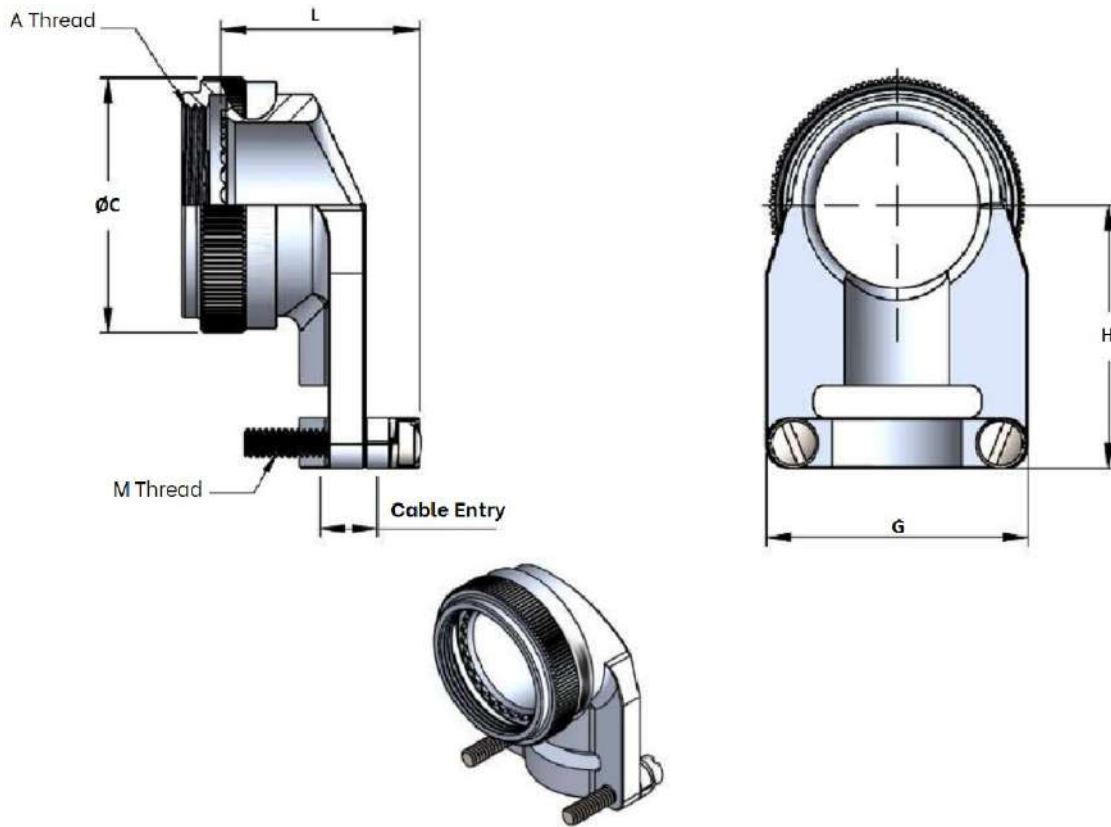
| Basic Series                                                                   | ALSB | -A | 5 | S | -14 |
|--------------------------------------------------------------------------------|------|----|---|---|-----|
| Connector Interface:                                                           |      |    |   |   |     |
| A – MIL-DTL-5015 (crimp, MS34), MIL-DTL-26482 series 2, MIL-DTL-83723 series 3 |      |    |   |   |     |
| Coupling Ring Option:                                                          |      |    |   |   |     |
| 5 – self locking coupling                                                      |      |    |   |   |     |
| Material & Finish Code                                                         |      |    |   |   |     |
| Shell Size                                                                     |      |    |   |   |     |

### Dimensions

| Shell Size | A Thread         | Ø C MAX | Cable Entry   | L MAX | G MAX | M Thread |
|------------|------------------|---------|---------------|-------|-------|----------|
| 08         | 1/2 - 20 UNEF    | 22.45   | 3.20 – 5.20   | 18.54 | 19.90 | 6-32     |
| 10         | 5/8 - 24 UNEF    | 25.65   | 4.70 – 7.30   | 21.59 | 21.90 | 6-32     |
| 12         | 3/4 - 20 UNEF    | 28.80   | 7.40 – 10.60  | 24.89 | 25.50 | 6-32     |
| 14         | 7/8 - 20 UNEF    | 32.00   | 8.90 – 12.10  | 24.89 | 26.90 | 6-32     |
| 16         | 1 - 20 UNEF      | 35.15   | 12.70 – 15.90 | 27.94 | 33.90 | 6-32     |
| 18         | 1-1/16 - 18 UNEF | 38.35   | 13.20 – 17.90 | 34.29 | 37.20 | 8-32     |
| 20         | 1-3/16 - 18 UNEF | 41.50   | 14.80 – 21.10 | 37.59 | 39.90 | 8-32     |
| 22         | 1-5/16 - 18 UNEF | 44.70   | 16.40 – 24.30 | 40.64 | 42.90 | 8-32     |
| 24         | 1-7/16 - 18 UNEF | 47.85   | 17.90 – 27.50 | 43.94 | 45.50 | 8-32     |

## Series ALAB

### 90° Strain Reliefs, spin coupling. M85049/120



### Ordering information

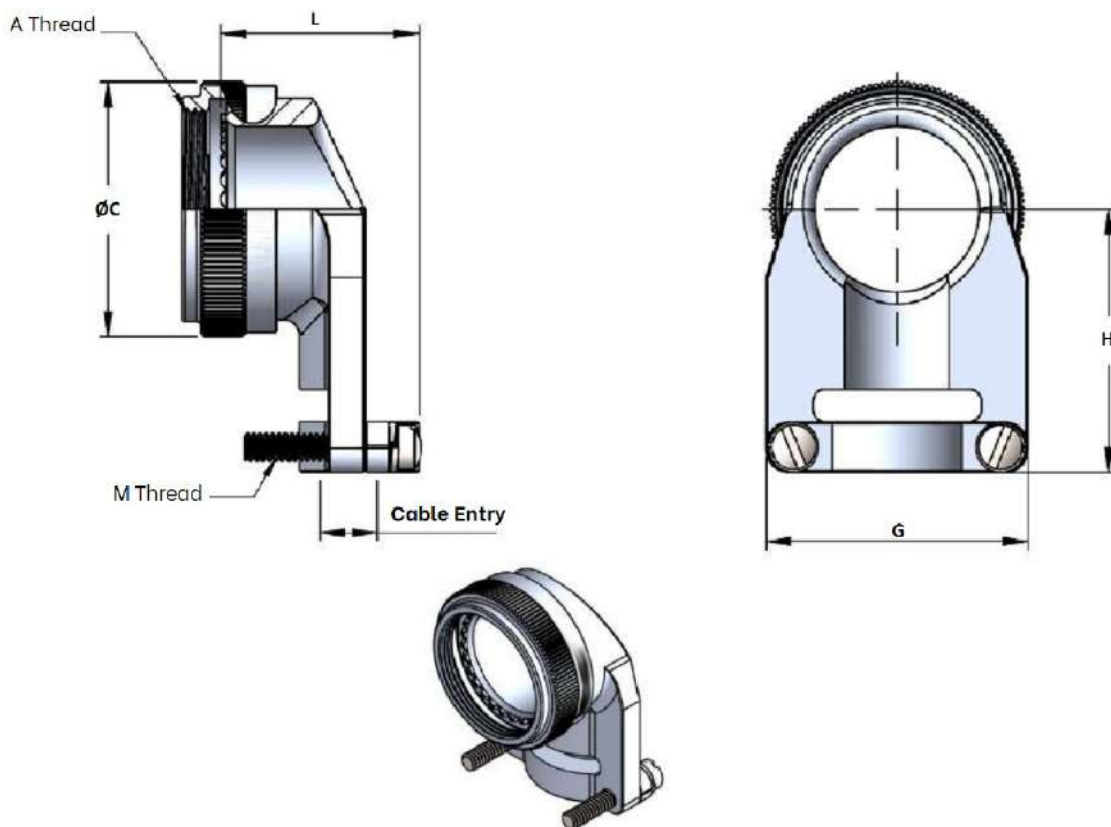
| Basic Series                                                                   | ALAB | -A | 3 | S | -14 |
|--------------------------------------------------------------------------------|------|----|---|---|-----|
| Connector Interface:                                                           |      |    |   |   |     |
| A – MIL-DTL-5015 (crimp, MS34), MIL-DTL-26482 series 2, MIL-DTL-83723 series 3 |      |    |   |   |     |
| Coupling Ring Option:                                                          |      |    |   |   |     |
| 3 – spin coupling                                                              |      |    |   |   |     |
| Material & Finish Code                                                         |      |    |   |   |     |
| Shell Size                                                                     |      |    |   |   |     |

### Dimensions

| Shell Size | A Thread         | Ø C<br>MAX | Cable Entry   | L<br>MAX | G<br>MAX | H<br>MAX | M<br>Thread |
|------------|------------------|------------|---------------|----------|----------|----------|-------------|
| 08         | 1/2 - 20 UNEF    | 16.00      | 3.20 – 5.20   | 19.81    | 19.90    | 18.85    | 6-32        |
| 10         | 5/8 - 24 UNEF    | 18.70      | 4.70 – 7.30   | 21.84    | 21.90    | 20.45    | 6-32        |
| 12         | 3/4 - 20 UNEF    | 22.10      | 7.40 – 10.60  | 26.67    | 25.50    | 22.02    | 6-32        |
| 14         | 7/8 - 20 UNEF    | 25.20      | 8.90 – 12.10  | 28.19    | 26.90    | 23.62    | 6-32        |
| 16         | 1 - 20 UNEF      | 28.40      | 12.70 – 15.90 | 32.00    | 33.90    | 25.25    | 6-32        |
| 18         | 1-1/16 - 18 UNEF | 31.10      | 13.20 – 17.90 | 34.80    | 37.20    | 29.74    | 8-32        |
| 20         | 1-3/16 - 18 UNEF | 34.30      | 14.80 – 21.10 | 38.10    | 39.90    | 31.34    | 8-32        |
| 22         | 1-5/16 - 18 UNEF | 37.50      | 16.40 – 24.30 | 41.15    | 42.90    | 32.92    | 8-32        |
| 24         | 1-7/16 - 18 UNEF | 40.60      | 17.90 – 27.50 | 44.45    | 45.50    | 34.49    | 8-32        |

## Series ALSB

90° Strain Reliefs, self locking coupling. M85049/120



### Ordering information

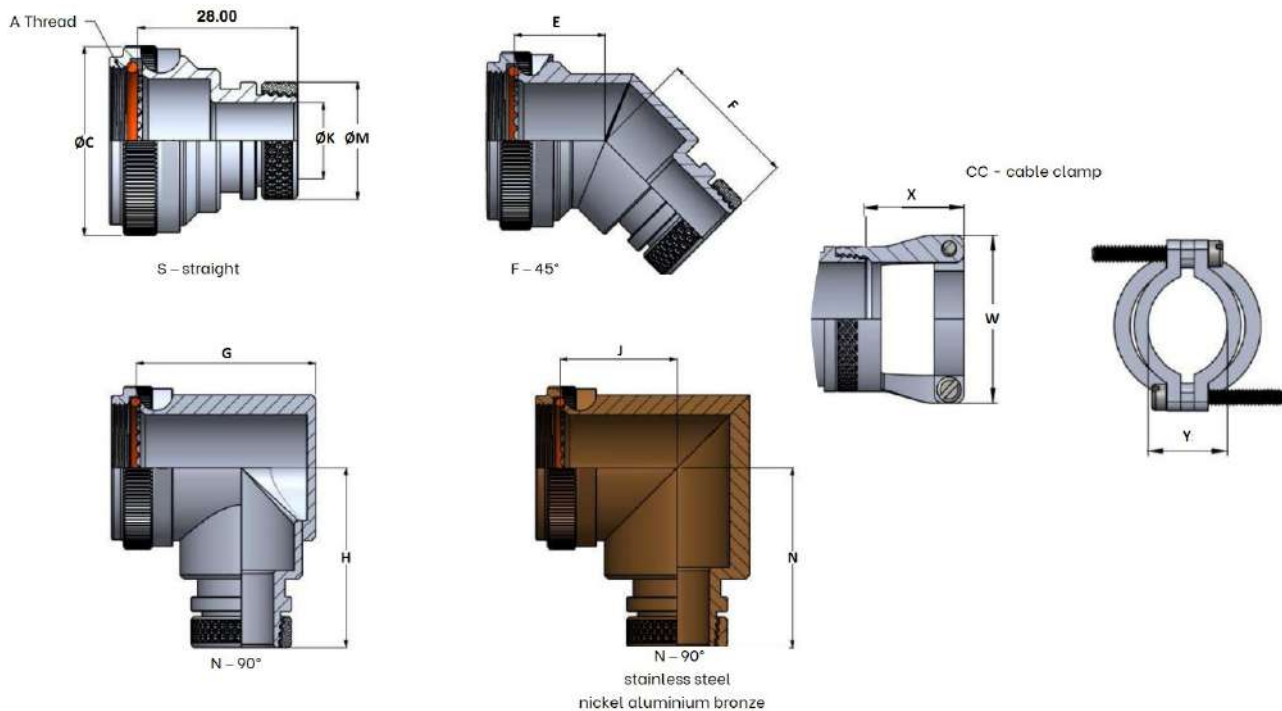
| Basic Series                                                                   | ALAB | -A | 5 | S | -14 |
|--------------------------------------------------------------------------------|------|----|---|---|-----|
| Connector Interface:                                                           |      |    |   |   |     |
| A – MIL-DTL-5015 (crimp, MS34), MIL-DTL-26482 series 2, MIL-DTL-83723 series 3 |      |    |   |   |     |
| Coupling Ring Option:                                                          |      |    |   |   |     |
| 5 – self locking coupling                                                      |      |    |   |   |     |
| Material & Finish Code                                                         |      |    |   |   |     |
| Shell Size                                                                     |      |    |   |   |     |

### Dimensions

| Shell Size | A Thread         | Ø C<br>MAX | Cable Entry   | L<br>MAX | G<br>MAX | H<br>MAX | M<br>Thread |
|------------|------------------|------------|---------------|----------|----------|----------|-------------|
| 08         | 1/2 - 20 UNEF    | 22.45      | 3.20 – 5.20   | 23.62    | 19.90    | 18.85    | 6-32        |
| 10         | 5/8 - 24 UNEF    | 25.65      | 4.70 – 7.30   | 25.91    | 21.90    | 20.45    | 6-32        |
| 12         | 3/4 - 20 UNEF    | 28.80      | 7.40 – 10.60  | 30.73    | 25.50    | 22.02    | 6-32        |
| 14         | 7/8 - 20 UNEF    | 32.00      | 8.90 – 12.10  | 32.26    | 26.90    | 23.62    | 6-32        |
| 16         | 1 - 20 UNEF      | 35.15      | 12.70 – 15.90 | 36.07    | 33.90    | 25.25    | 6-32        |
| 18         | 1-1/16 - 18 UNEF | 38.35      | 13.20 – 17.90 | 38.86    | 37.20    | 29.74    | 8-32        |
| 20         | 1-3/16 - 18 UNEF | 41.50      | 14.80 – 21.10 | 41.91    | 39.90    | 31.34    | 8-32        |
| 22         | 1-5/16 - 18 UNEF | 44.70      | 16.40 – 24.30 | 45.21    | 42.90    | 32.92    | 8-32        |
| 24         | 1-7/16 - 18 UNEF | 47.85      | 17.90 – 27.50 | 48.26    | 45.50    | 34.49    | 8-32        |

## Series ALLB

EMI/RFI lamp base thread shrink boot adapters,  
spin coupling



## Ordering information

| Basic Series                                                                   | ALLB | -A | 3 | S | W | -18 | 07 | -8 | -CC |
|--------------------------------------------------------------------------------|------|----|---|---|---|-----|----|----|-----|
| Connector Interface:                                                           |      |    |   |   |   |     |    |    |     |
| A – MIL-DTL-5015 (crimp, MS34), MIL-DTL-26482 series 2, MIL-DTL-83723 series 3 |      |    |   |   |   |     |    |    |     |
| Coupling Ring Option:                                                          |      |    |   |   |   |     |    |    |     |
| 3 – spin coupling                                                              |      |    |   |   |   |     |    |    |     |
| Angle Code:                                                                    |      |    |   |   |   |     |    |    |     |
| S – straight                                                                   |      |    |   |   |   |     |    |    |     |
| F – 45°                                                                        |      |    |   |   |   |     |    |    |     |
| N – 90°                                                                        |      |    |   |   |   |     |    |    |     |
| Material & Finish Code                                                         |      |    |   |   |   |     |    |    |     |
| Shell Size                                                                     |      |    |   |   |   |     |    |    |     |
| Cable Entry Code                                                               |      |    |   |   |   |     |    |    |     |
| Length Code for Straight Parts:                                                |      |    |   |   |   |     |    |    |     |
| ST – for standard length (L) – 1.10"                                           |      |    |   |   |   |     |    |    |     |
| (1/2" increment, for example 8 = 4 inches)                                     |      |    |   |   |   |     |    |    |     |
| Cable Clamp Option:                                                            |      |    |   |   |   |     |    |    |     |
| CC – Cable Clamp                                                               |      |    |   |   |   |     |    |    |     |
| Omit – back nut                                                                |      |    |   |   |   |     |    |    |     |



## Dimensions

| Shell Size | A Thread         | Ø C<br>MAX | Cable Clamp |          |       |       |
|------------|------------------|------------|-------------|----------|-------|-------|
|            |                  |            | F MAX       | H MAX    | N MAX |       |
| 08         | 1/2 - 20 UNEF    | 16.00      | 25.00       | 31.50    | 31.50 |       |
| 10         | 5/8 - 24 UNEF    | 18.70      | 25.70       | 33.20    | 33.20 |       |
| 12         | 3/4 - 20 UNEF    | 22.10      | 26.10       | 34.00    | 34.00 |       |
| 14         | 7/8 - 20 UNEF    | 25.20      | 27.00       | 35.40    | 35.40 |       |
| 16         | 1 - 20 UNEF      | 28.40      | 27.80       | 37.90    | 37.90 |       |
| 18         | 1-1/16 - 18 UNEF | 31.10      | 28.30       | 37.90    | 37.90 |       |
| 20         | 1-3/16 - 18 UNEF | 34.30      | 29.20       | 39.50    | 39.50 |       |
| 22         | 1-5/16 - 18 UNEF | 37.50      | 29.50       | 41.20    | 41.20 |       |
| 24         | 1-7/16 - 18 UNEF | 40.60      | 30.40       | 42.60    | 42.60 |       |
| Shell Size | E<br>MAX         | G<br>MAX   | J MAX       | Back Nut |       |       |
|            |                  |            |             | F MAX    | H MAX | N MAX |
| 08         | 18.10            | 25.70      | 18.50       | 21.00    | 27.50 | 27.50 |
| 10         | 18.30            | 27.70      | 19.80       | 21.70    | 29.20 | 29.20 |
| 12         | 18.80            | 30.20      | 21.40       | 22.10    | 30.00 | 30.00 |
| 14         | 19.60            | 31.70      | 22.50       | 23.00    | 31.40 | 31.40 |
| 16         | 20.50            | 35.20      | 24.00       | 23.80    | 33.90 | 33.90 |
| 18         | 20.70            | 38.20      | 25.00       | 24.30    | 33.90 | 33.90 |
| 20         | 21.60            | 43.20      | 26.70       | 25.20    | 35.50 | 35.50 |
| 22         | 21.80            | 45.20      | 28.20       | 25.50    | 37.20 | 37.20 |
| 24         | 23.30            | 46.20      | 29.70       | 26.40    | 38.60 | 38.60 |

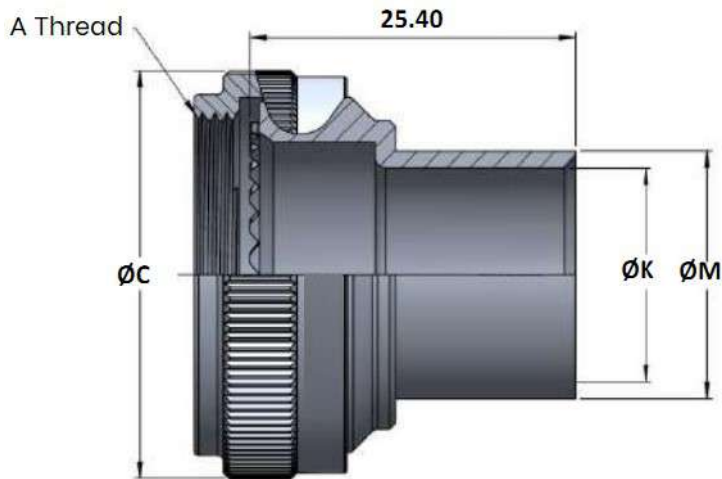
## Dimensions

| Shell Size | Cable Entry Code |
|------------|------------------|
| 08         | 03               |
| 10         | 03 – 07          |
| 12         | 03 – 08          |
| 14         | 03 – 08          |
| 16         | 03 – 10          |
| 18         | 03 – 12          |
| 20         | 03 – 14          |
| 22         | 03 – 16          |
| 24         | 03 – 18          |

| Cable Entry Code | Ø K +0.20 | Ø M MAX | W MAX | X MAX | Y MAX |
|------------------|-----------|---------|-------|-------|-------|
| 03               | 4.70      | 15.20   | 17.50 | 12.80 | 5.80  |
| 04               | 6.30      | 15.20   | 19.10 | 12.80 | 5.70  |
| 05               | 7.90      | 16.80   | 20.70 | 12.80 | 6.80  |
| 06               | 9.50      | 18.40   | 22.30 | 12.80 | 6.90  |
| 07               | 11.10     | 20.00   | 23.80 | 12.80 | 8.10  |
| 08               | 12.70     | 21.60   | 25.30 | 15.80 | 8.50  |
| 09               | 14.20     | 23.20   | 27.00 | 15.80 | 9.70  |
| 10               | 15.80     | 24.80   | 28.60 | 15.80 | 10.40 |
| 11               | 17.40     | 26.40   | 30.30 | 18.80 | 11.50 |
| 12               | 19.00     | 27.90   | 31.80 | 18.80 | 11.50 |
| 13               | 20.60     | 29.50   | 33.30 | 18.80 | 14.00 |
| 14               | 22.20     | 31.10   | 35.00 | 21.80 | 15.40 |
| 15               | 23.80     | 32.70   | 36.70 | 21.80 | 16.80 |
| 16               | 25.40     | 34.30   | 38.10 | 21.80 | 17.30 |
| 17               | 27.00     | 35.90   | 39.70 | 21.80 | 18.80 |
| 18               | 28.60     | 37.50   | 41.30 | 21.80 | 19.50 |

## Series ALCR

### Crimp ring backshells, spin coupling. M85049/26-1



## Ordering information

| Basic Series                                                                   | ALCR | -A | 3 | S | -14 |
|--------------------------------------------------------------------------------|------|----|---|---|-----|
| Connector Interface:                                                           |      |    |   |   |     |
| A – MIL-DTL-5015 (crimp, MS34), MIL-DTL-26482 series 2, MIL-DTL-83723 series 3 |      |    |   |   |     |
| Coupling Ring Option:                                                          |      |    |   |   |     |
| 3 – spin coupling                                                              |      |    |   |   |     |
| Material & Finish Code                                                         |      |    |   |   |     |
| Shell Size                                                                     |      |    |   |   |     |

## Dimensions

| Shell Size | A Thread         | Ø C MAX | Ø K MAX | Ø M MAX |
|------------|------------------|---------|---------|---------|
| 08         | 1/2 - 20 UNEF    | 16.00   | 6.40    | 8.60    |
| 10         | 5/8 - 24 UNEF    | 18.70   | 8.30    | 12.40   |
| 12         | 3/4 - 20 UNEF    | 22.10   | 10.70   | 12.70   |
| 14         | 7/8 - 20 UNEF    | 25.20   | 13.70   | 15.70   |
| 16         | 1 - 20 UNEF      | 28.40   | 17.00   | 19.10   |
| 18         | 1-1/16 - 18 UNEF | 31.10   | 20.00   | 22.40   |
| 20         | 1-3/16 - 18 UNEF | 34.30   | 23.20   | 25.40   |
| 22         | 1-5/16 - 18 UNEF | 37.50   | 26.40   | 28.40   |
| 24         | 1-7/16 - 18 UNEF | 40.60   | 28.20   | 30.30   |

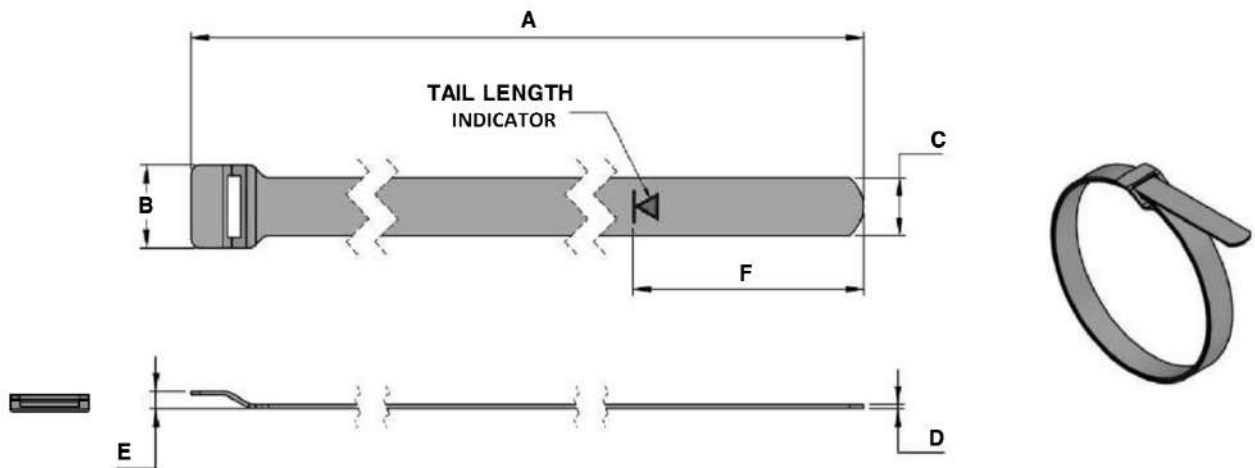


## Termination Accessories

## Series AL128

### Termination Bands. M85049/128

#### Stamped Buckle



#### Ordering information

| Basic Series         | AL128 | LB | -03 | -01 |
|----------------------|-------|----|-----|-----|
| Band Type:           |       |    |     |     |
| LB – standard        |       |    |     |     |
| MB – mini            |       |    |     |     |
| Buckle Style:        |       |    |     |     |
| 03, 07, 09 – stamped |       |    |     |     |
| Supplied Type:       |       |    |     |     |
| 01 – coiled          |       |    |     |     |
| Omit – flat          |       |    |     |     |

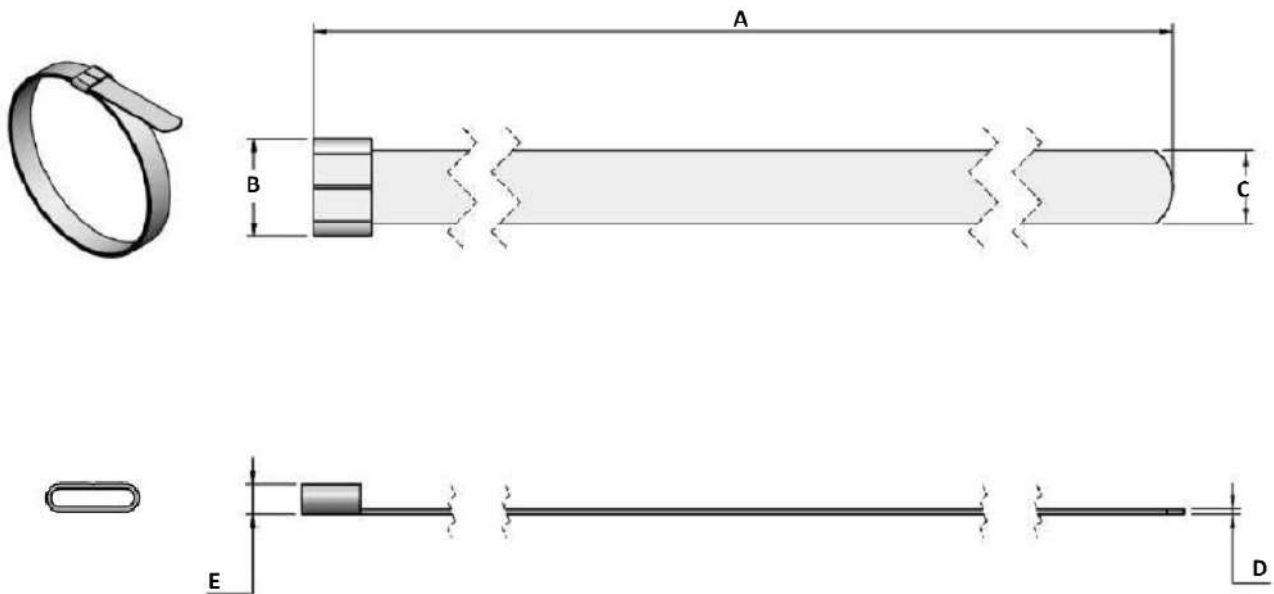
#### Dimensions

| Part Number   | A ± 1.52 | B ± 0.79 | C ± 0.26 | D    | E    |
|---------------|----------|----------|----------|------|------|
| AL128LB-03    | 361.95   | 8.89     | 6.35     | 0.51 | 3.30 |
| AL128LB-03-01 | 361.95   | 8.89     | 6.35     | 0.51 | 3.30 |
| AL128MB-07    | 206.38   | 4.95     | 3.05     | 0.38 | 1.35 |
| AL128MB-07-01 | 206.38   | 4.95     | 3.05     | 0.38 | 1.35 |
| AL128MB-09    | 361.95   | 4.95     | 3.05     | 0.38 | 1.35 |
| AL128MB-09-01 | 361.95   | 4.95     | 3.05     | 0.38 | 1.35 |

## Series AL128

### Termination Bands. M85049/128

#### Welded Buckle



#### Ordering information

| Basic Series    | AL128 | LB | -05 | -01 |
|-----------------|-------|----|-----|-----|
| Band Type:      |       |    |     |     |
| LB – standard   |       |    |     |     |
| MB – mini       |       |    |     |     |
| Buckle Style:   |       |    |     |     |
| 01, 05 – welded |       |    |     |     |
| Supplied Type:  |       |    |     |     |
| 01 – coiled     |       |    |     |     |
| Omit – flat     |       |    |     |     |

#### Dimensions

| Part Number   | A ± 1.52 | B ± 0.79 | C ± 0.26 | D    | E    |
|---------------|----------|----------|----------|------|------|
| AL128LB-01    | 355.60   | 8.33     | 6.22     | 0.50 | 2.54 |
| AL128LB-01-01 | 355.60   | 8.33     | 6.22     | 0.50 | 2.54 |
| AL128MB-05    | 241.30   | 5.03     | 2.99     | 0.40 | 2.03 |
| AL128MB-05-01 | 241.30   | 5.03     | 2.99     | 0.40 | 2.03 |
| AL128LB-01    | 355.60   | 8.33     | 6.22     | 0.50 | 2.54 |
| AL128LB-01-01 | 355.60   | 8.33     | 6.22     | 0.50 | 2.54 |

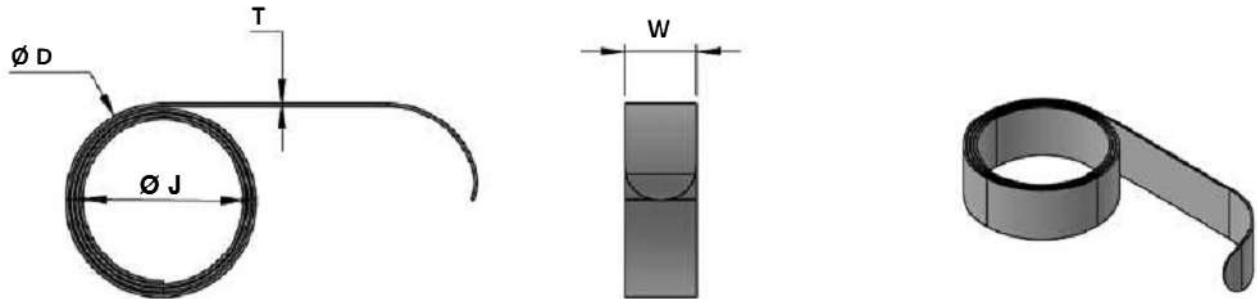


## Cross Reference List

| AL128 series  | M85049/128 | GLENAIR   |
|---------------|------------|-----------|
| AL128LB-03    | -3         | 600-052   |
| AL128LB-03-01 | -4         | 600-052-1 |
| AL128MB-07    | -7         | 600-057   |
| AL128MB-07-01 | -8         | 600-057-1 |
| AL128MB-09    | –          | 600-083   |
| AL128MB-09-01 | –          | 600-083-1 |
| AL128LB-01    | -1         | –         |
| AL128LB-01-01 | -2         | –         |
| AL128MB-05    | -5         | –         |
| AL128MB-05-01 | -6         | –         |

## Series ALSWB

### Spring Band



| Part number | Ø J   | Ø D<br>(+0/-1.0) | T<br>(± 0.01) | W<br>(+0.05/-0.13) | Spring length<br>(±5) | Turns |
|-------------|-------|------------------|---------------|--------------------|-----------------------|-------|
| ALSWB-050   | 7.10  | 8.50             | 0.11          | 9.53               | 107.90                | 4.25  |
| ALSWB-100   | 8.20  | 9.10             | 0.11          | 9.53               | 119.00                | 4.25  |
| ALSWB-200   | 12.70 | 14.40            | 0.18          | 9.53               | 127.00                | 3.00  |
| ALSWB-300   | 18.46 | 19.51            | 0.26          | 9.53               | 232.00                | 4.25  |
| ALSWB-400   | 25.91 | 26.86            | 0.31          | 9.53               | 217.50                | 3.50  |

| Backshell Entry Code | Ø J   | Part Number Spring Band |
|----------------------|-------|-------------------------|
| 03                   | 4.70  | ALSWB-050               |
| 04                   | 6.30  | ALSWB-050               |
| 05                   | 7.90  | ALSWB-100               |
| 06                   | 9.50  | ALSWB-100               |
| 07                   | 11.10 | ALSWB-100               |
| 08                   | 12.70 | ALSWB-200               |
| 09                   | 14.20 | ALSWB-200               |
| 10                   | 15.80 | ALSWB-200               |
| 11                   | 17.40 | ALSWB-200               |
| 12                   | 19.00 | ALSWB-300               |
| 13                   | 20.60 | ALSWB-300               |
| 14                   | 22.20 | ALSWB-300               |
| 15                   | 23.80 | ALSWB-300               |
| 16                   | 25.40 | ALSWB-300               |
| 17                   | 27.00 | ALSWB-400               |
| 18                   | 28.60 | ALSWB-400               |
| 19                   | 30.20 | ALSWB-400               |
| 20                   | 31.80 | ALSWB-400               |
| 21                   | 33.30 | ALSWB-400               |
| 22                   | 35.00 | ALSWB-400               |
| 23                   | 36.50 | ALSWB-400               |
| 24                   | 38.10 | ALSWB-400               |



**Protective Caps**

**Dummy Stowage Receptacles**

**MIL-DTL-38999**

**MIL-DTL-26482**

**MIL-DTL-5015 (MS34)**

**VG95234**

## Product Finder

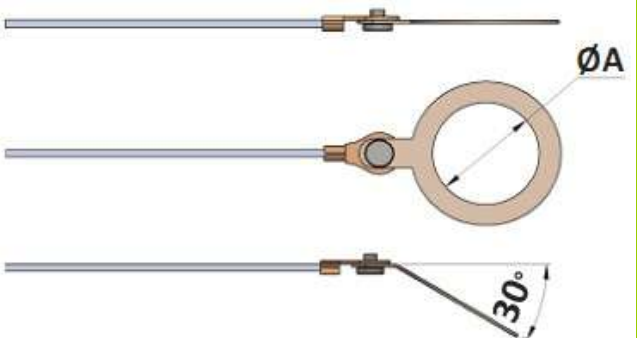
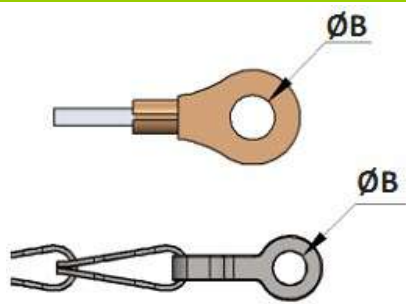
| Series Code     | for Plugs                                                                           | for Receptacles                                                                     | Description                                                  |
|-----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------|
| Series 12 & 13  |    |    | Protective Caps<br>MIL-DTL-38999 series 1 (bayonet)          |
| Series 22 & 23  |    |    | Protective Caps<br>MIL-DTL-38999 series 2 (bayonet)          |
| Series 32 & 33  |    |    | Protective Caps<br>MIL-DTL-38999 series 3 (thread)           |
| Series 42 & 43  |   |   | Protective Caps<br>MIL-DTL-38999 series 4                    |
| Series 52 & 53  |  |  | Protective Caps<br>MIL-DTL-26482 series 1 & 2                |
| Series 62 & 63  |  |  | Protective Caps<br>MIL-DTL-5015<br>(thread, crimp, MS34)     |
| Series 72 & 73  |  |  | Protective Caps<br>MIL-DTL-5015, VG95234 (bayonet)           |
| Series ALDSR-01 |  |                                                                                     | Dummy Receptacles<br>MIL-DTL-5015, VG95234 (bayonet)         |
| Series ALDSR-03 |  |                                                                                     | Dummy Stowage Receptacles<br>MIL-DTL-38999 series 3 (thread) |



## Material & Finish Code

| Code | Material & Finish                    | Process                            | Salt Spray Hours |
|------|--------------------------------------|------------------------------------|------------------|
| A    | aluminum/black anodized              | conductive<br>up -65 to +175°C     | 336              |
| AH   | aluminum/hard anodized               | non-conductive<br>up -65 to +200°C | 336              |
| N    | aluminum/electroless nickel          | conductive<br>up -65 to +200°C     | 96               |
| W    | aluminum/olive drab cadmium          | conductive<br>up -65 to +175°C     | 500              |
| WS   | aluminum/olive drab cadmium          | conductive<br>up -65 to +175°C     | 1000             |
| Z    | aluminum/black zinc nickel           | conductive<br>up -65 to +175°C     | 500              |
| VB   | aluminum/black zinc cobalt           | conductive<br>up -65 to +175°C     | 350              |
| VO   | aluminum/olive drab zinc cobalt      | conductive<br>up -65 to +175°C     | 350              |
| NU   | nickel aluminium bronze/unplated     | conductive<br>up -65 to +200°C     | 1000             |
| NS   | nickel aluminium bronze/shot blasted | conductive<br>up -65 to +200°C     | 1000             |
| S    | stainless steel/passivation          | conductive<br>up -65 to +200°C     | 1000             |
| Y    | aluminum/gold yellow cadmium         | conductive<br>up -65 to +175°C     | 1000             |
| WC   | aluminum/clear cadmium               | conductive<br>up -65 to +175°C     | 1000             |
| L    | stainless steel/electroless nickel   | conductive<br>up -65 to +200°C     | 500              |

## Lanyard & Attachment Option

|                                                                                                                                           |                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stainless Steel Sash Chain</b><br><br>code – SC       | <b>Stainless Steel Rope/Teflon Jacket</b><br><br>code – T |
| <b>Stainless Steel Rope/Nylon Jacket</b><br><br>code – Y | <b>Nylon Rope</b><br><br>code – NB                        |
| <b>Protective Cap no Accessories</b><br><br>NONE       | <b>Straight Ring, Bend Ring</b><br><br>DASH NO           |
| <b>Tie Wrap</b><br><br>code – TW                       | <b>Eyelet</b><br><br>DASH NO                            |
| <b>no Eyelet/no Ring</b><br><br>code – 00              | <b>Crimp Ferrule</b><br><br>code – CF                   |



## Solid Ring & Eyelet Option

| Straight Ring |           | Bend Ring |           | Eyelet  |           |
|---------------|-----------|-----------|-----------|---------|-----------|
| DASH NO       | Ø A ±0.40 | DASH NO   | Ø A ±0.40 | DASH NO | Ø B ±0.25 |
| 150           | 15.00     | 150B      | 15.00     | 01      | 3.60      |
| 184           | 18.40     | 184B      | 18.40     | 02      | 4.60      |
| 232           | 23.20     | 232B      | 23.20     | 03      | 4.90      |
| 265           | 26.50     | 265B      | 26.50     | 04      | 5.00      |
| 303           | 30.30     | 303B      | 30.30     | 05      | 4.20      |
| 326           | 32.60     | 326B      | 32.60     | 06      | 3.20      |
| 365           | 36.50     | 365B      | 36.50     | 07      | 5.50      |
| 393           | 39.30     | 393B      | 39.30     | 08      | 4.00      |
| 429           | 42.90     | 429B      | 42.90     | 00      | no eyelet |
| 450           | 45.00     | 450B      | 45.00     |         |           |

## Cross Reference List

### Protective Caps

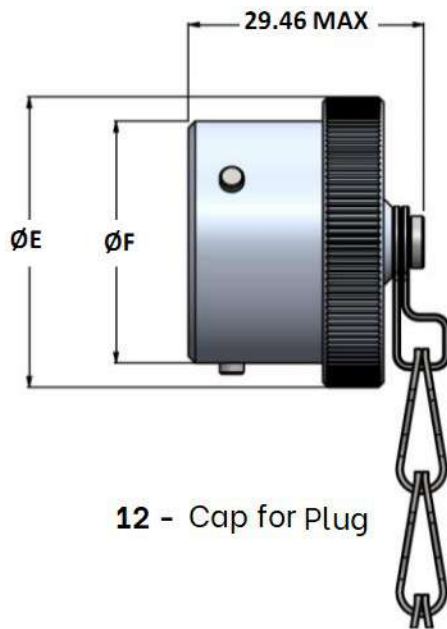
| Series    | MIL STYLE              | TE/POLAMCO | GLENAIR |
|-----------|------------------------|------------|---------|
| Series 12 | MS27501                | PPC27501   | 660-012 |
| Series 13 | MS27502                | PRC27502   | 660-013 |
| Series 22 | MS27510                | PPC27510   | 660-014 |
| Series 23 | MS27511                | PRC27511   | 660-015 |
| Series 32 | D38999/32              | 100P237    | 660-023 |
| Series 33 | D38999/33              | 100P160    | 660-024 |
| Series 42 | D38999/51              | 100P609    | 660-031 |
| Series 43 | D38999/52              | 100P608    | 660-032 |
| Series 52 | MS3180                 | PPC3180    | 660-008 |
| Series 53 | MS3181                 | PRC3181    | 660-009 |
| Series 62 | AS25042                | 100P1167   | 660-004 |
| Series 63 | AS25043                | 100P1240   | 660-005 |
| Series 72 | VG95234KB<br>VG95234KC | —          | —       |
| Series 73 | VG95234KR<br>VG95234KA | —          | —       |

### Dummy Stowage Receptacles

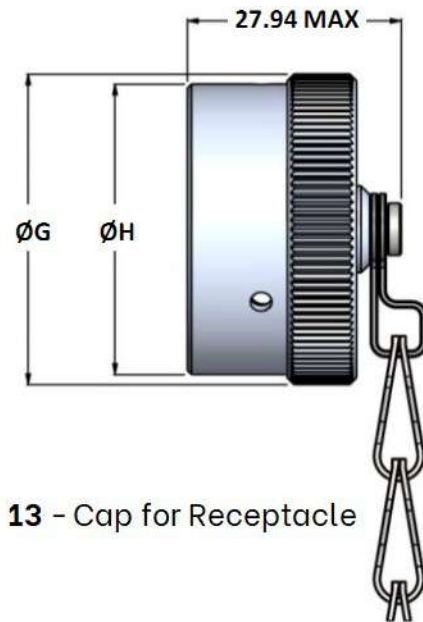
| Series   | MIL STYLE  | TE/POLAMCO | GLENAIR    |
|----------|------------|------------|------------|
| ALDSR-01 | VG95234B0D | PC95234DR  | VG95234B0D |
| ALDSR-03 | D38999/22  | 100P939    | D38999/22  |

## Series 12 & 13

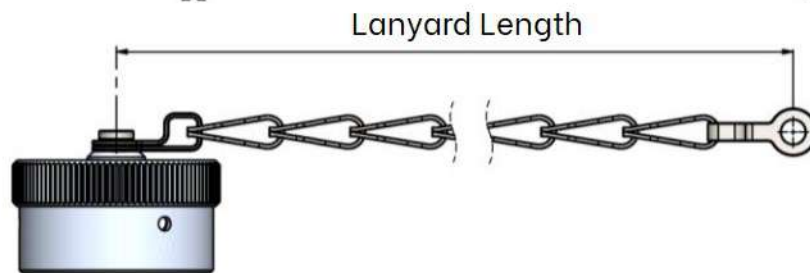
### Protective Caps. MIL-DTL-38999 series 1. MS27501 & MS27502



12 - Cap for Plug



13 - Cap for Receptacle



## Ordering information

| Basic Series               | AL | 12 | -19 | W | -SC | 5 | -05 |
|----------------------------|----|----|-----|---|-----|---|-----|
| Shell type:                |    |    |     |   |     |   |     |
| 12 – Cap for plug          |    |    |     |   |     |   |     |
| 13 – Cap for receptacle    |    |    |     |   |     |   |     |
| Shell Size                 |    |    |     |   |     |   |     |
| Material & Finish Code     |    |    |     |   |     |   |     |
| Lanyard Options            |    |    |     |   |     |   |     |
| Omit – for none            |    |    |     |   |     |   |     |
| Lanyard Length (in inches) |    |    |     |   |     |   |     |
| Omit – for none            |    |    |     |   |     |   |     |
| Attachment Options:        |    |    |     |   |     |   |     |
| Eyelet Option              |    |    |     |   |     |   |     |
| Straight Ring Option       |    |    |     |   |     |   |     |
| Omit – for none            |    |    |     |   |     |   |     |

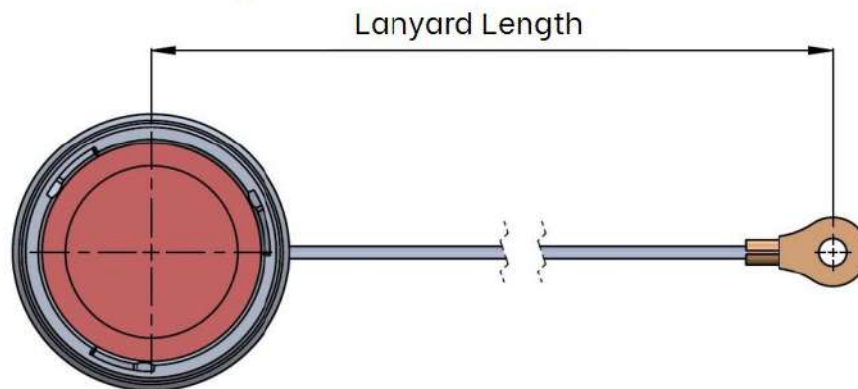
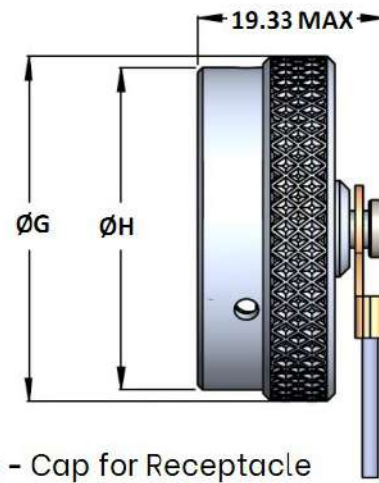
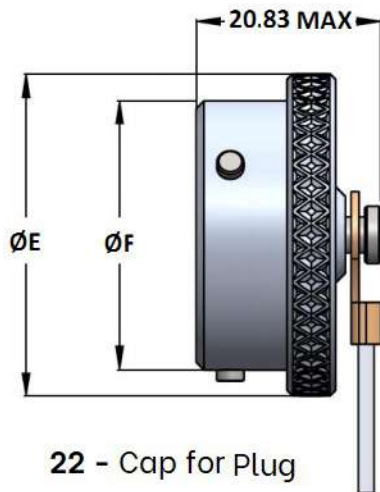


## Dimensions

| Shell Size | Ø E MAX | Ø F MAX | Ø G MAX | Ø H MAX | Standard Lanyard Length |
|------------|---------|---------|---------|---------|-------------------------|
| 9          | 20.80   | 14.53   | 21.80   | 20.80   | 76.20                   |
| 11         | 23.90   | 17.78   | 24.90   | 23.90   | 76.20                   |
| 13         | 27.20   | 21.59   | 29.50   | 27.90   | 88.90                   |
| 15         | 30.20   | 24.76   | 32.50   | 31.00   | 88.90                   |
| 17         | 33.50   | 27.94   | 35.80   | 34.00   | 88.90                   |
| 19         | 36.60   | 30.66   | 38.60   | 37.10   | 88.90                   |
| 21         | 39.90   | 33.83   | 41.90   | 40.10   | 101.60                  |
| 23         | 42.90   | 37.01   | 45.00   | 43.20   | 101.60                  |
| 25         | 46.20   | 40.18   | 48.00   | 46.50   | 101.60                  |

## Series 22 & 23

### Protective Caps. MIL-DTL-38999 series 2. MS27510 & MS27511



### Ordering information

| Basic Series               | AL | 22 | -18 | W | -SC | 5 | -05 |
|----------------------------|----|----|-----|---|-----|---|-----|
| Shell type:                |    |    |     |   |     |   |     |
| 22 – Cap for plug          |    |    |     |   |     |   |     |
| 23 – Cap for receptacle    |    |    |     |   |     |   |     |
| Shell Size                 |    |    |     |   |     |   |     |
| Material & Finish Code     |    |    |     |   |     |   |     |
| Lanyard Options            |    |    |     |   |     |   |     |
| Omit – for none            |    |    |     |   |     |   |     |
| Lanyard Length (in inches) |    |    |     |   |     |   |     |
| Omit – for none            |    |    |     |   |     |   |     |
| Attachment Options:        |    |    |     |   |     |   |     |
| Eyelet Option              |    |    |     |   |     |   |     |
| Straight Ring Option       |    |    |     |   |     |   |     |
| Omit – for none            |    |    |     |   |     |   |     |

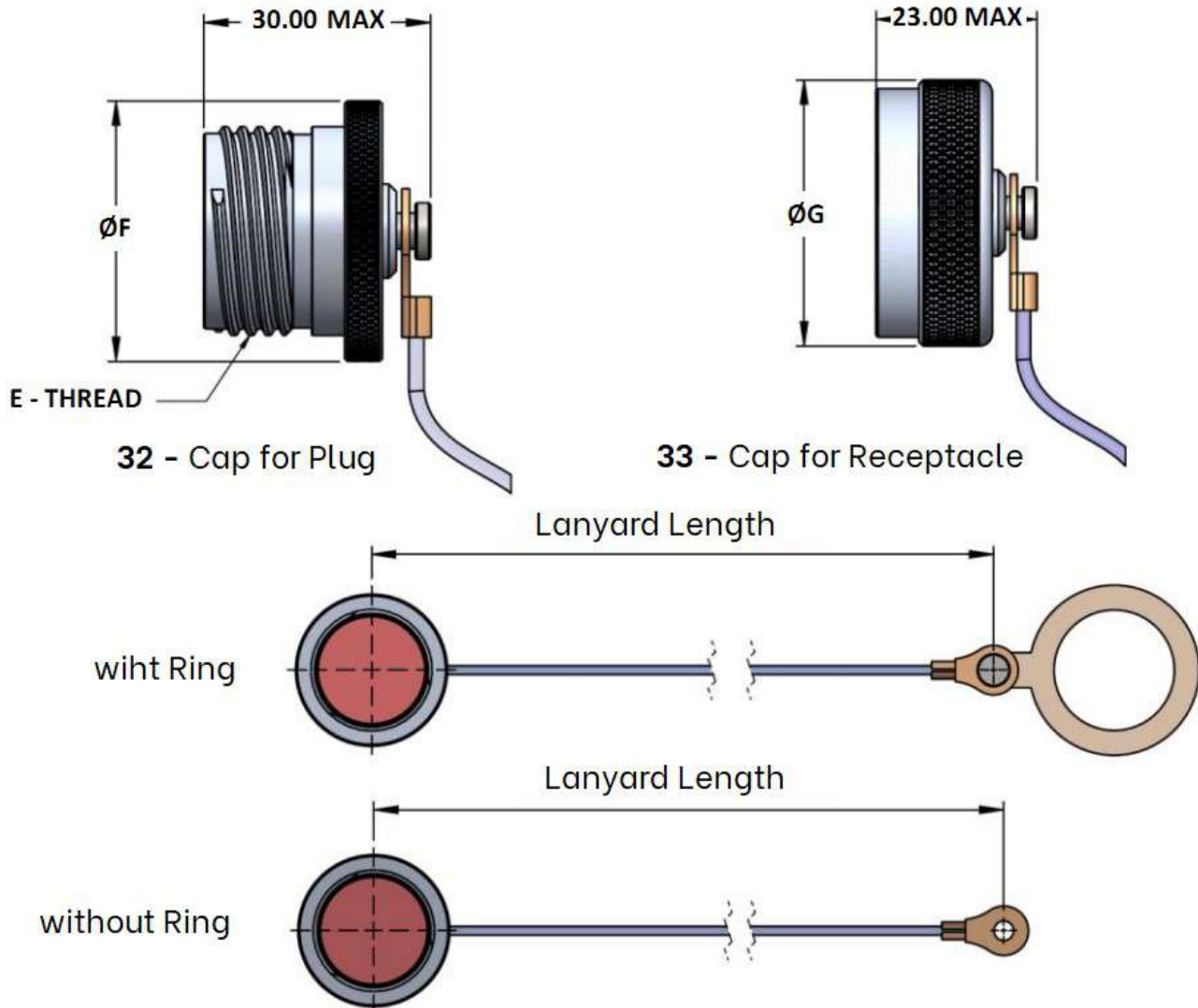


## Dimensions

| Shell Size | Ø E MAX | Ø F MAX | Ø G MAX | Ø H MAX | Standard Lanyard Length |
|------------|---------|---------|---------|---------|-------------------------|
| 8          | 18.30   | 12.00   | 19.05   | 16.00   | 76.20                   |
| 10         | 21.60   | 15.00   | 21.82   | 19.33   | 76.20                   |
| 12         | 25.40   | 19.10   | 26.19   | 23.77   | 88.90                   |
| 14         | 28.70   | 22.20   | 29.36   | 27.28   | 88.90                   |
| 16         | 31.80   | 25.40   | 32.54   | 29.77   | 88.90                   |
| 18         | 35.10   | 28.60   | 35.71   | 33.12   | 88.90                   |
| 20         | 38.10   | 31.80   | 38.89   | 36.45   | 101.60                  |
| 22         | 41.40   | 34.90   | 41.68   | 39.62   | 101.60                  |
| 24         | 44.50   | 38.10   | 44.86   | 42.88   | 101.60                  |

## Series 32 & 33

### Protective Caps. MIL-DTL-38999 series 3. D38999/32 & D38999/33



### Ordering information

| Basic Series               | AL | 32 | -19 | W | -TW | 5 | -1184B |
|----------------------------|----|----|-----|---|-----|---|--------|
| Shell type:                |    |    |     |   |     |   |        |
| 32 – Cap for plug          |    |    |     |   |     |   |        |
| 33 – Cap for receptacle    |    |    |     |   |     |   |        |
| Shell Size                 |    |    |     |   |     |   |        |
| Material & Finish Code     |    |    |     |   |     |   |        |
| Lanyard Options            |    |    |     |   |     |   |        |
| Omit – for none            |    |    |     |   |     |   |        |
| Lanyard Length (in inches) |    |    |     |   |     |   |        |
| Omit – for none            |    |    |     |   |     |   |        |
| Attachment Options:        |    |    |     |   |     |   |        |
| Eyelet Option              |    |    |     |   |     |   |        |
| Straight Ring Option       |    |    |     |   |     |   |        |
| Omit – for none            |    |    |     |   |     |   |        |

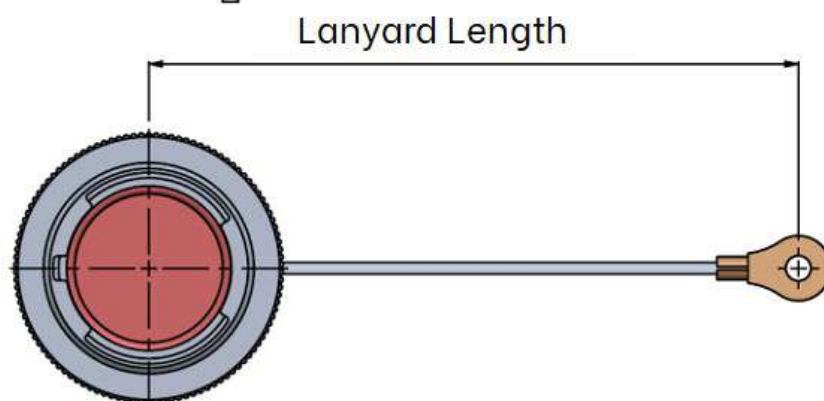
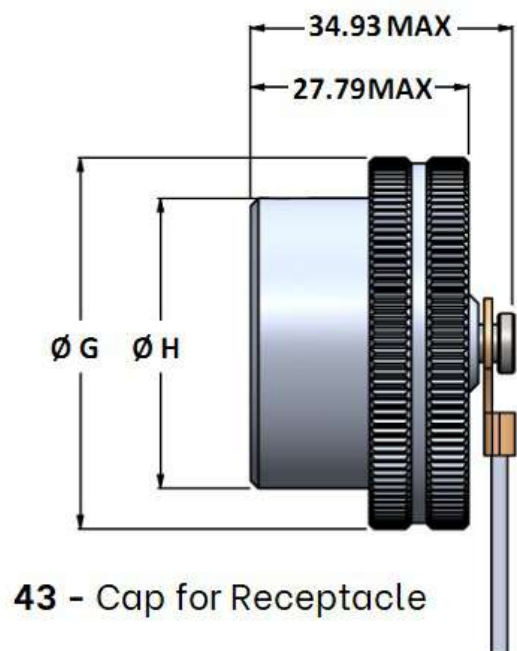
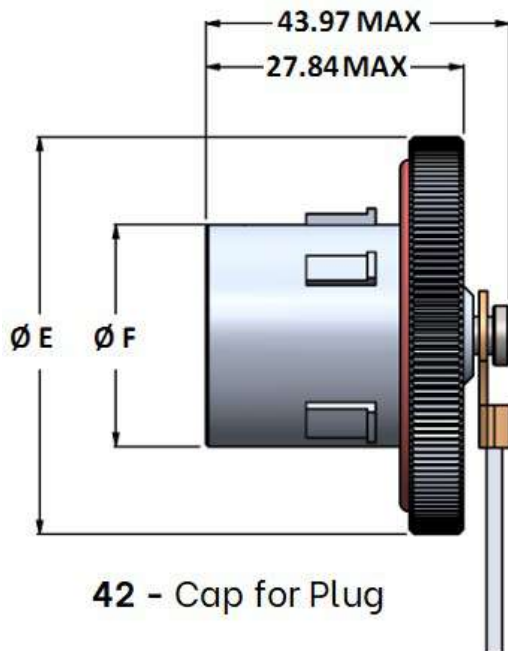


## Dimensions

| Shell Size | E Thread            | Ø F MAX | Ø G MAX | Standard Lanyard Length |
|------------|---------------------|---------|---------|-------------------------|
| 9          | 0.6250-0.1P-0.3L-TS | 23.00   | 23.00   | 127.00                  |
| 11         | 0.7500-0.1P-0.3L-TS | 26.00   | 28.00   | 127.00                  |
| 13         | 0.8750-0.1P-0.3L-TS | 31.00   | 31.00   | 127.00                  |
| 15         | 1.0000-0.1P-0.3L-TS | 33.00   | 32.00   | 127.00                  |
| 17         | 1.1875-0.1P-0.3L-TS | 37.00   | 37.00   | 127.00                  |
| 19         | 1.2500-0.1P-0.3L-TS | 40.00   | 39.00   | 127.00                  |
| 21         | 1.3750-0.1P-0.3L-TS | 44.00   | 42.00   | 127.00                  |
| 23         | 1.5000-0.1P-0.3L-TS | 46.00   | 45.00   | 127.00                  |
| 25         | 1.6250-0.1P-0.3L-TS | 50.00   | 49.00   | 127.00                  |

## Series 42 & 43

Protective Caps. MIL-DTL-38999 series 3. D38999/51 & D38999/52



## Ordering information

| Basic Series               | AL | 42 | -11 | W | -Y | 5 | -265 |
|----------------------------|----|----|-----|---|----|---|------|
| Shell type:                |    |    |     |   |    |   |      |
| 42 – Cap for plug          |    |    |     |   |    |   |      |
| 43 – Cap for receptacle    |    |    |     |   |    |   |      |
| Shell Size                 |    |    |     |   |    |   |      |
| Material & Finish Code     |    |    |     |   |    |   |      |
| Lanyard Options            |    |    |     |   |    |   |      |
| Omit – for none            |    |    |     |   |    |   |      |
| Lanyard Length (in inches) |    |    |     |   |    |   |      |
| Omit – for none            |    |    |     |   |    |   |      |
| Attachment Options:        |    |    |     |   |    |   |      |
| Eyelet Option              |    |    |     |   |    |   |      |
| Straight Ring Option       |    |    |     |   |    |   |      |
| Omit – for none            |    |    |     |   |    |   |      |

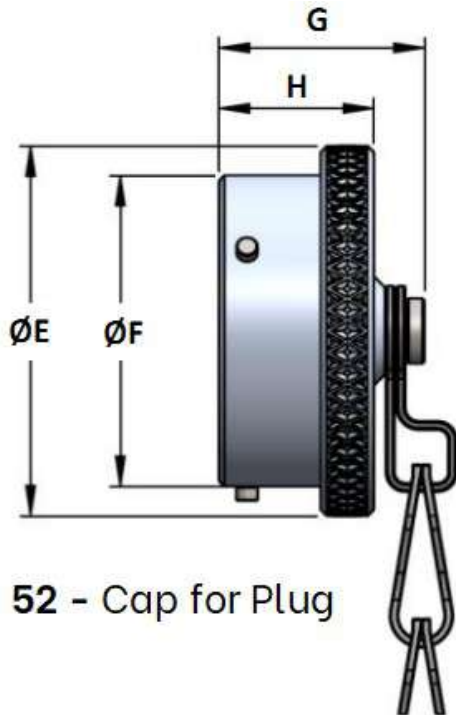


## Dimensions

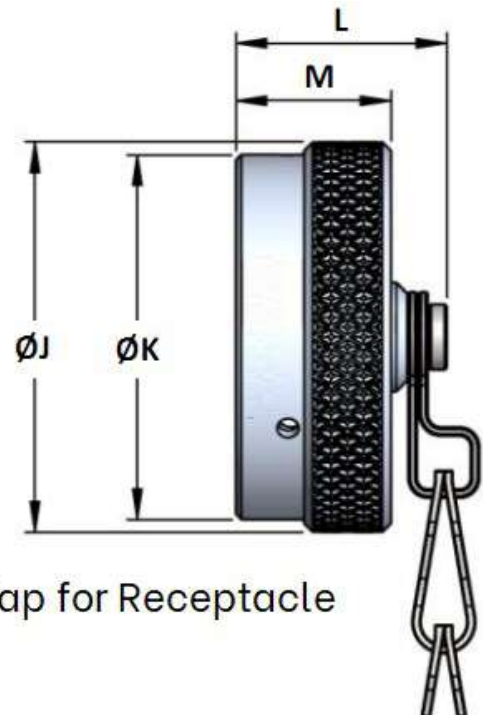
| Shell Size | Ø E MAX | Ø F MAX | Ø G MAX | Standard Lanyard Length |
|------------|---------|---------|---------|-------------------------|
| 11         | 35,05   | 12,92   | 26,59   | 19,18                   |
| 13         | 39,88   | 16,10   | 30,99   | 22,86                   |
| 15         | 42,17   | 19,28   | 34,19   | 26,42                   |
| 17         | 49,47   | 22,48   | 37,39   | 29,21                   |
| 19         | 48,77   | 25,63   | 40,21   | 32,39                   |
| 21         | 52,33   | 28,80   | 43,31   | 35,56                   |
| 23         | 57,15   | 31,98   | 46,50   | 38,74                   |
| 25         | 60,45   | 35,15   | 49,71   | 41,91                   |

## Series 52 & 53

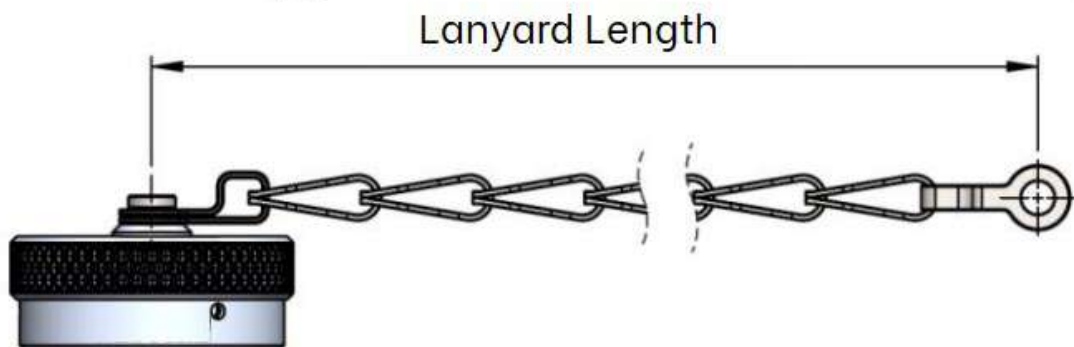
Protective Caps. MIL-DTL-26482 series 1 & 2. MS3181 & MS3180



52 - Cap for Plug



53 - Cap for Receptacle



## Ordering information

| Basic Series               | AL | 52 | -18 | W | -Y | 5 | -429 |
|----------------------------|----|----|-----|---|----|---|------|
| Shell type:                |    |    |     |   |    |   |      |
| 52 – Cap for plug          |    |    |     |   |    |   |      |
| 53 – Cap for receptacle    |    |    |     |   |    |   |      |
| Shell Size                 |    |    |     |   |    |   |      |
| Material & Finish Code     |    |    |     |   |    |   |      |
| Lanyard Options            |    |    |     |   |    |   |      |
| Omit – for none            |    |    |     |   |    |   |      |
| Lanyard Length (in inches) |    |    |     |   |    |   |      |
| Omit – for none            |    |    |     |   |    |   |      |
| Attachment Options:        |    |    |     |   |    |   |      |
| Eyelet Option              |    |    |     |   |    |   |      |
| Straight Ring Option       |    |    |     |   |    |   |      |
| Omit – for none            |    |    |     |   |    |   |      |

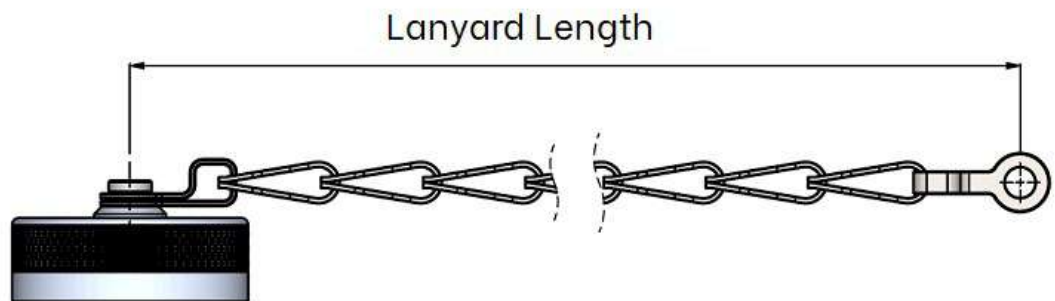
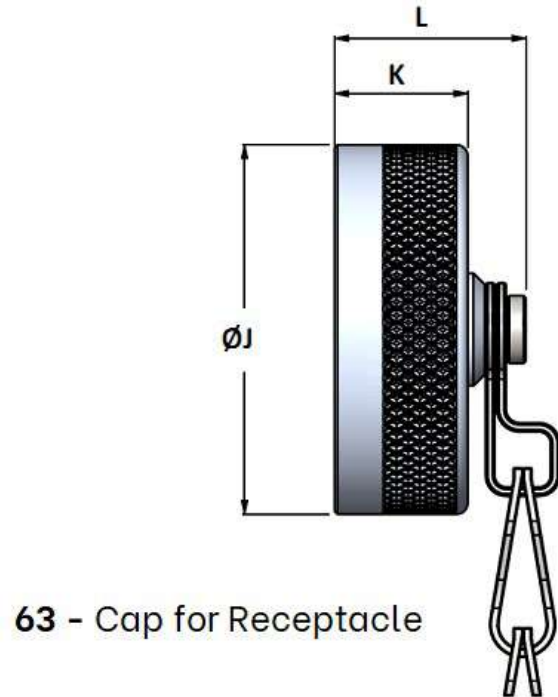
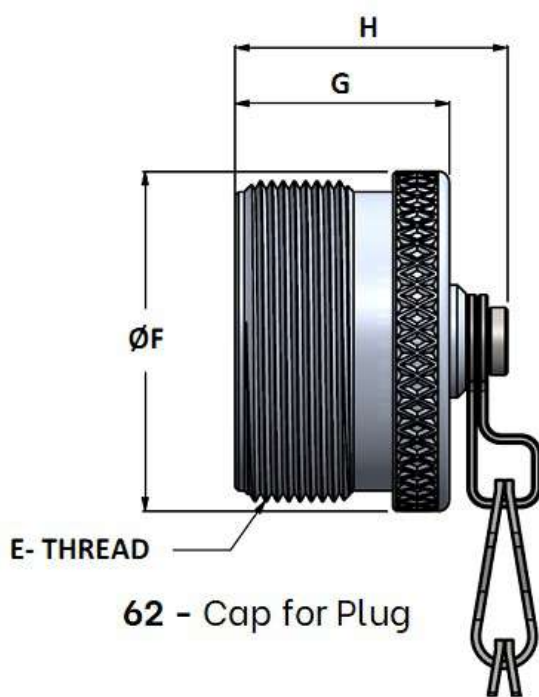


## Dimensions

| Shell Size | Ø E MAX | Ø F MAX | Ø G MAX | Ø H MAX | Ø J MAX | Ø K MAX | L MAX | M MAX | Standard Lanyard Length |
|------------|---------|---------|---------|---------|---------|---------|-------|-------|-------------------------|
| 8          | 18.26   | 12.01   | 19.84   | 14.27   | 18.64   | 16.14   | 21.44 | 14.27 | 76.20                   |
| 10         | 21.44   | 14.99   | 19.84   | 14.27   | 21.82   | 19.32   | 21.44 | 14.27 | 76.20                   |
| 12         | 25.40   | 19.05   | 19.84   | 14.27   | 25.40   | 22.90   | 21.44 | 14.27 | 88.90                   |
| 14         | 28.58   | 22.22   | 19.84   | 14.27   | 28.58   | 26.08   | 21.44 | 14.27 | 88.90                   |
| 16         | 31.75   | 25.40   | 19.84   | 14.27   | 31.75   | 29.25   | 21.44 | 14.27 | 88.90                   |
| 18         | 34.92   | 28.58   | 19.84   | 14.27   | 34.92   | 32.42   | 21.44 | 14.27 | 88.90                   |
| 20         | 38.10   | 31.75   | 21.44   | 15.88   | 38.10   | 35.60   | 21.44 | 14.27 | 101.60                  |
| 22         | 41.28   | 34.92   | 21.44   | 15.88   | 41.28   | 38.78   | 21.44 | 14.27 | 101.60                  |
| 24         | 44.45   | 38.10   | 22.22   | 16.71   | 44.45   | 41.95   | 22.22 | 15.29 | 101.60                  |

## Series 62 & 63

Protective Caps. MIL-DTL-5015 (thread, crimp, MS34)  
MS25042 & MS25043



### Ordering information

| Basic Series               | AL | 62 | -18 | W | -SC | 5 | -08 |
|----------------------------|----|----|-----|---|-----|---|-----|
| Shell type:                |    |    |     |   |     |   |     |
| 62 – Cap for plug          |    |    |     |   |     |   |     |
| 63 – Cap for receptacle    |    |    |     |   |     |   |     |
| Shell Size                 |    |    |     |   |     |   |     |
| Material & Finish Code     |    |    |     |   |     |   |     |
| Lanyard Options            |    |    |     |   |     |   |     |
| Omit – for none            |    |    |     |   |     |   |     |
| Lanyard Length (in inches) |    |    |     |   |     |   |     |
| Omit – for none            |    |    |     |   |     |   |     |
| Attachment Options:        |    |    |     |   |     |   |     |
| Eyelet Option              |    |    |     |   |     |   |     |
| Straight Ring Option       |    |    |     |   |     |   |     |
| Omit – for none            |    |    |     |   |     |   |     |



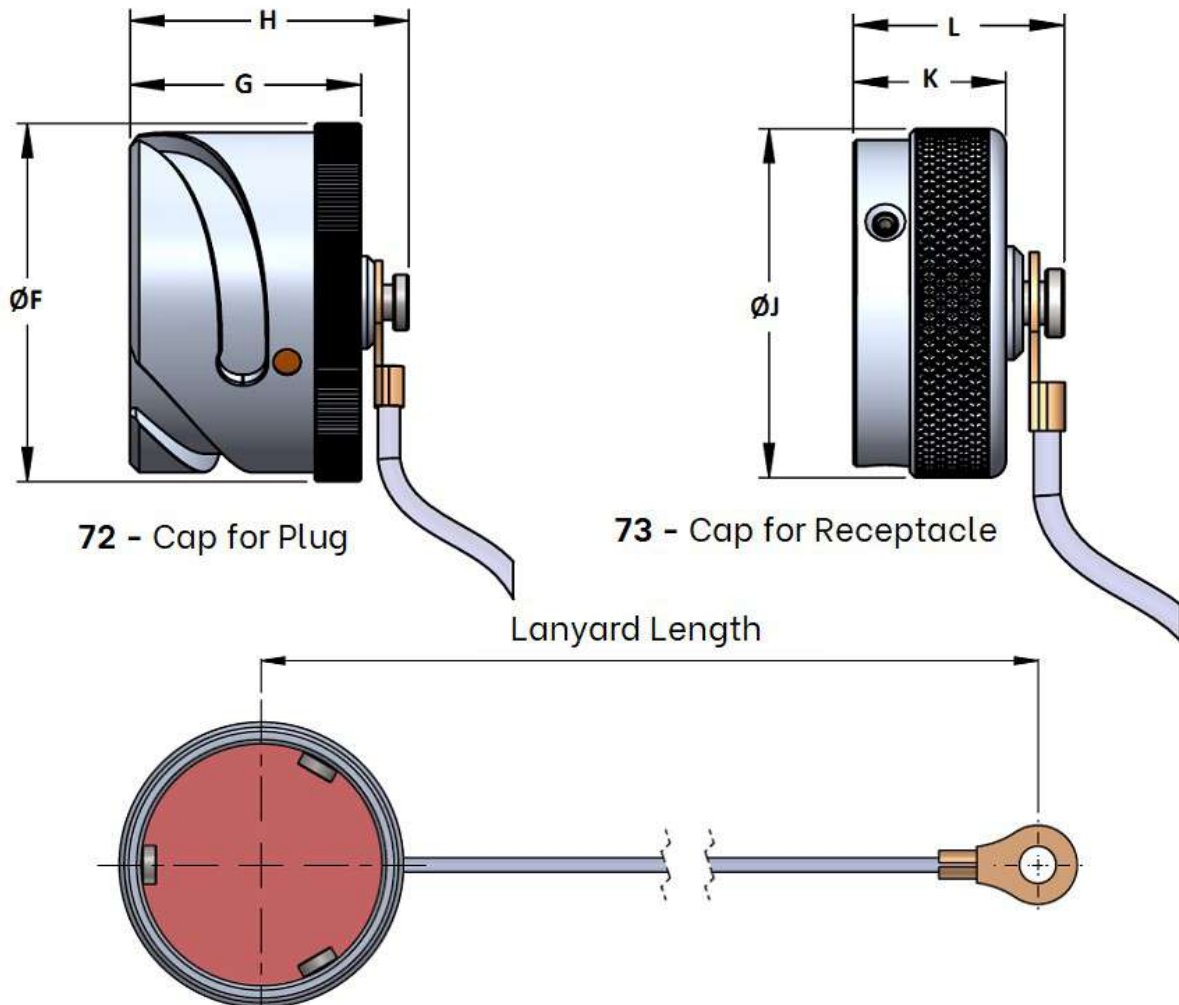
## Dimensions

| Shell Size | E Thread        | Ø F MAX | G MAX | H MAX | Ø J MAX | K MAX | L MAX | Standard Lanyard Length |
|------------|-----------------|---------|-------|-------|---------|-------|-------|-------------------------|
| 8          | 1/2 - 28 UNEF   | 14.30   | 16.70 | 24.61 | 17.50   | 11.80 | 19.05 | 101.60                  |
| 10         | 5/8 - 24 UNEF   | 17.40   | 16.70 | 24.61 | 20.70   | 11.80 | 19.05 | 101.60                  |
| 12         | 3/4 - 20 UNEF   | 20.60   | 21.40 | 29.36 | 25.40   | 11.80 | 19.05 | 114.30                  |
| 14         | 7/8 - 20 UNEF   | 23.80   | 21.40 | 29.36 | 28.60   | 11.80 | 19.05 | 114.30                  |
| 16         | 1 - 20 UNEF     | 27.00   | 21.40 | 29.36 | 30.20   | 11.80 | 19.05 | 114.30                  |
| 18         | 1 1/8 - 18 UNEF | 30.10   | 21.40 | 29.36 | 34.10   | 11.80 | 19.05 | 114.30                  |
| 20         | 1 1/4 - 18 UNEF | 33.30   | 21.40 | 29.36 | 37.30   | 11.80 | 19.05 | 127.00                  |
| 22         | 1 3/8 - 18 UNEF | 36.50   | 21.40 | 29.36 | 40.50   | 11.80 | 19.05 | 127.00                  |
| 24         | 1 1/2 - 18 UNEF | 39.70   | 21.40 | 29.36 | 43.70   | 11.80 | 19.05 | 139.70                  |
| 28         | 1 3/4 - 18 UNS  | 46.00   | 21.40 | 29.36 | 50.00   | 13.50 | 20.62 | 196.85                  |
| 32         | 2 - 18 UNS      | 52.40   | 21.40 | 29.36 | 56.40   | 13.50 | 20.62 | 196.85                  |
| 36         | 2 1/4 - 16 UN   | 58.70   | 21.40 | 29.36 | 62.70   | 13.50 | 20.62 | 196.85                  |
| 40         | 2 1/2 - 16 UN   | 65.10   | 21.40 | 29.36 | 69.10   | 13.50 | 20.62 | 196.85                  |
| 44         | 2 3/4 - 16 UN   | 71.40   | 21.40 | 29.36 | 75.40   | 13.50 | 20.62 | 196.85                  |
| 48         | 3 - 16 UN       | 77.80   | 21.40 | 29.36 | 81.00   | 13.50 | 20.62 | 196.85                  |

## Series 72 & 73

Protective Caps. MIL-DTL-5015 & VG95234 (bayonet)

VG95234KB, VG95234KC, VG95234KR & VG95234KA



### Ordering information

| Basic Series               | AL | 72 | -18 | W | -SC | 5 | -08 |
|----------------------------|----|----|-----|---|-----|---|-----|
| Shell type:                |    |    |     |   |     |   |     |
| 72 – Cap for plug          |    |    |     |   |     |   |     |
| 73 – Cap for receptacle    |    |    |     |   |     |   |     |
| Shell Size                 |    |    |     |   |     |   |     |
| Material & Finish Code     |    |    |     |   |     |   |     |
| Lanyard Options            |    |    |     |   |     |   |     |
| Omit – for none            |    |    |     |   |     |   |     |
| Lanyard Length (in inches) |    |    |     |   |     |   |     |
| Omit – for none            |    |    |     |   |     |   |     |
| Attachment Options:        |    |    |     |   |     |   |     |
| Eyelet Option              |    |    |     |   |     |   |     |
| Straight Ring Option       |    |    |     |   |     |   |     |
| Omit – for none            |    |    |     |   |     |   |     |

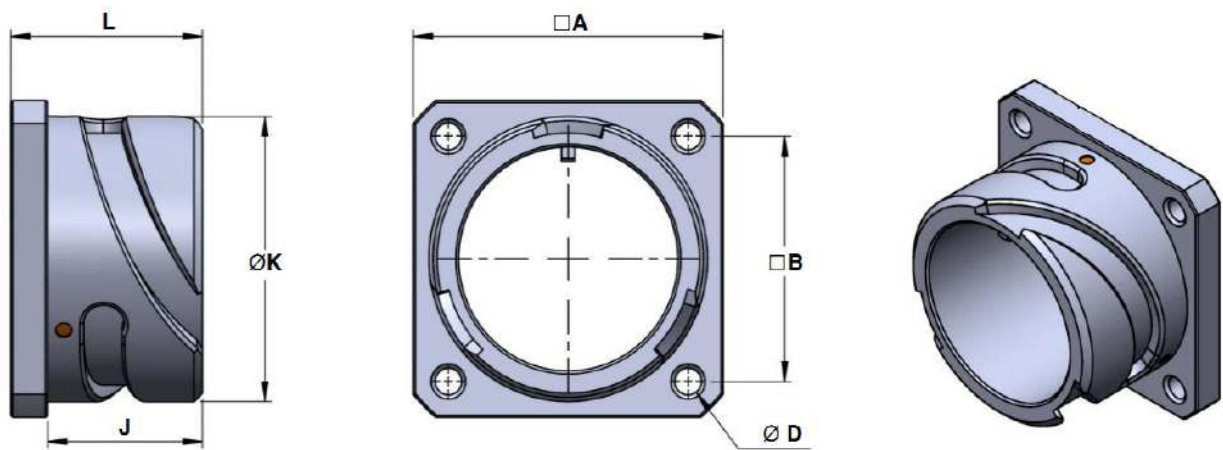


## Dimensions

| Shell Size  | E MAX | F MAX | G MAX | H MAX | J MAX | K MAX | L MAX  | Standard Lanyard Length |
|-------------|-------|-------|-------|-------|-------|-------|--------|-------------------------|
| <b>10SL</b> | 20.50 | 29.00 | 24.00 | 23.00 | 16.50 | 21.50 | 101.60 | 20.50                   |
| <b>14S</b>  | 27.00 | 29.00 | 24.00 | 30.00 | 16.50 | 21.50 | 114.30 | 27.00                   |
| <b>16S</b>  | 29.50 | 29.00 | 24.00 | 32.50 | 16.50 | 21.50 | 114.30 | 29.50                   |
| <b>16</b>   | 29.50 | 37.20 | 32.50 | 32.50 | 21.00 | 26.00 | 120.65 | 29.50                   |
| <b>18</b>   | 33.00 | 37.20 | 32.50 | 37.00 | 21.00 | 26.00 | 120.65 | 33.00                   |
| <b>20</b>   | 36.50 | 37.20 | 32.50 | 40.50 | 21.00 | 26.00 | 139.70 | 36.50                   |
| <b>22</b>   | 39.50 | 37.20 | 32.50 | 43.50 | 21.00 | 26.00 | 139.70 | 39.50                   |
| <b>24</b>   | 43.00 | 37.20 | 32.50 | 47.00 | 21.00 | 26.00 | 139.70 | 43.00                   |
| <b>28</b>   | 49.00 | 37.20 | 32.50 | 54.00 | 21.00 | 26.00 | 190.50 | 49.00                   |
| <b>32</b>   | 55.50 | 38.40 | 33.70 | 60.50 | 21.00 | 26.00 | 190.50 | 55.50                   |
| <b>36</b>   | 62.00 | 38.40 | 33.70 | 67.00 | 21.00 | 26.00 | 190.50 | 62.00                   |

## Seeries ALDSR-01

Dummy Stowage Receptacles. MIL-DTL-5015, VG95234 (bayonet)  
VG95234B0D



### Ordering information

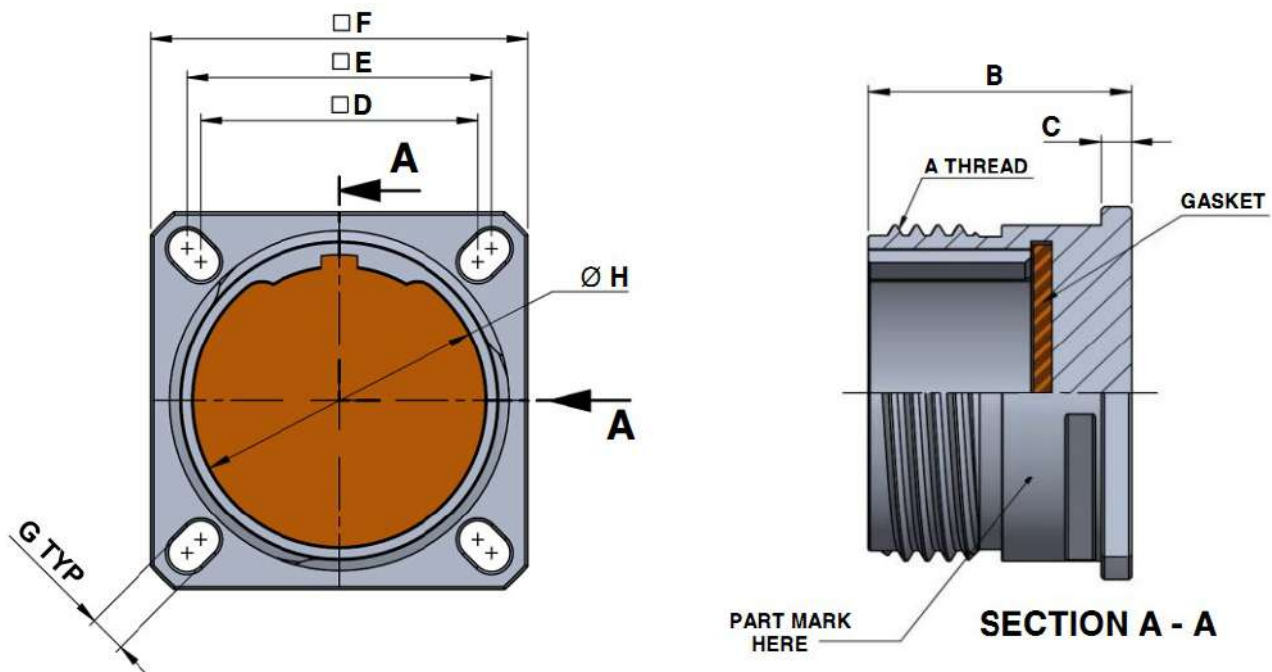
| Basic Series           | ALDSR-01 | -18 | W |
|------------------------|----------|-----|---|
| Shell Size             |          |     |   |
| Material & Finish Code |          |     |   |

### Dimensions

| Shell Size | A     | B     | D    | J MAX | K     | L MAX |
|------------|-------|-------|------|-------|-------|-------|
| 10SL       | 25.40 | 18.20 | 3.20 | 14.20 | 18.20 | 17.50 |
| 12S        | 28.00 | 20.60 | 3.20 | 14.20 | 21.40 | 18.00 |
| 14S        | 30.00 | 23.00 | 3.20 | 14.20 | 24.60 | 18.00 |
| 16S        | 32.50 | 24.60 | 3.20 | 14.20 | 27.40 | 18.00 |
| 16         | 32.50 | 24.60 | 3.20 | 19.00 | 27.40 | 23.50 |
| 18         | 35.00 | 27.00 | 3.20 | 19.00 | 30.80 | 23.50 |
| 20         | 38.00 | 29.40 | 3.20 | 19.00 | 34.20 | 23.50 |
| 22         | 41.00 | 31.80 | 3.20 | 19.00 | 37.40 | 23.50 |
| 24         | 44.50 | 34.90 | 3.70 | 20.60 | 40.90 | 25.50 |
| 28         | 50.80 | 39.70 | 3.70 | 20.60 | 46.70 | 25.50 |
| 32         | 57.00 | 44.50 | 4.30 | 22.20 | 53.40 | 27.00 |
| 36         | 63.50 | 49.20 | 4.30 | 22.20 | 59.60 | 27.00 |

## Series ALDSR-03

Dummy Stowage Receptacles. MIL-DTL-38999 series 3. D38999/22



## Ordering information

|                        |          |     |   |
|------------------------|----------|-----|---|
| Basic Series           | ALDSR-03 | -19 | W |
| Shell Size             |          |     |   |
| Material & Finish Code |          |     |   |

## Dimensions

| Shell Size | A Thread            | B MAX | G MAX | D     | E     | F MAX | G ± 0.20 | Ø H   |
|------------|---------------------|-------|-------|-------|-------|-------|----------|-------|
| 9          | 0.6250-0.1P-0.3L-TS | 21.40 | 2.80  | 15.10 | 18.30 | 24.10 | 3.30     | 12.50 |
| 11         | 0.7500-0.1P-0.3L-TS | 21.40 | 2.80  | 18.30 | 20.60 | 26.50 | 3.30     | 15.70 |
| 13         | 0.8750-0.1P-0.3L-TS | 21.40 | 2.80  | 20.60 | 23.00 | 28.90 | 3.30     | 19.50 |
| 15         | 1.0000-0.1P-0.3L-TS | 21.40 | 2.80  | 23.00 | 24.60 | 31.30 | 3.30     | 22.70 |
| 17         | 1.1875-0.1P-0.3L-TS | 21.40 | 2.80  | 24.60 | 27.00 | 33.60 | 3.30     | 25.90 |
| 19         | 1.2500-0.1P-0.3L-TS | 21.40 | 2.80  | 27.00 | 29.40 | 36.80 | 3.30     | 28.50 |
| 21         | 1.3750-0.1P-0.3L-TS | 20.60 | 3.50  | 29.40 | 31.80 | 40.00 | 3.30     | 31.70 |
| 23         | 1.5000-0.1P-0.3L-TS | 20.60 | 3.50  | 31.80 | 34.90 | 43.20 | 3.90     | 34.90 |
| 25         | 1.6250-0.1P-0.3L-TS | 20.60 | 3.50  | 34.90 | 38.10 | 46.30 | 3.90     | 38.10 |

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