

# 340-001 O-RING SEALED SHORTING CAP BACKSHELL ROTATABLE COUPLING

**ATX** **340 - 001** - **H** **19** - **2** **C** - **BA** - **6** **A**

**BASIC CODE**

**BASIC PART NO**

**CONNECTOR DESIGNATOR**

A-F-G-H-J-L-S

**SHELL SIZE**

Table III

**LENGTH**

1/2 inch increments: e.g. 2=1 inch (1.0 inch Minimum Order Length)

**ATTACHMENT SYMBOL**

Table I

**MATERIAL & PLATING**

CA: Aluminum plated with Olive drab cadmium  
 NA: Aluminum plated with Electroless nickel  
 AA: Aluminum black anodized  
 BA: Aluminum plated with Olive drab cadmium over electroless nickel  
 NB: Bronze

**ATTACHMENT LENGTH**

1/2 inch increments: e.g. 6=3 inches

**END FITTING SYMBOL**

Table II

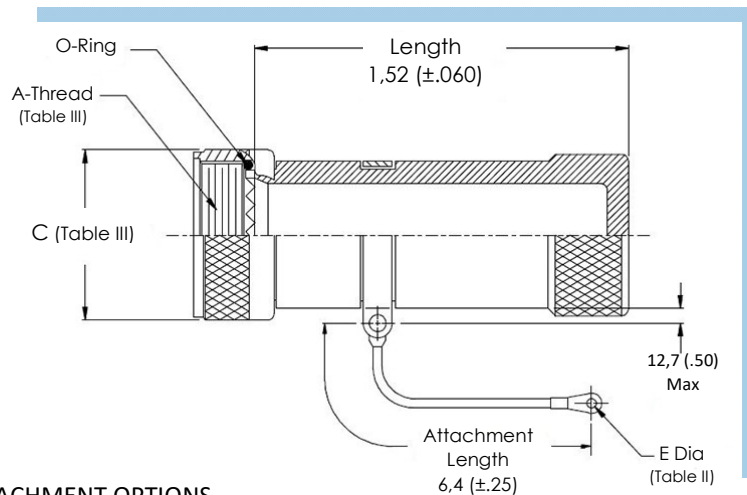


TABLE I : ATTACHMENT OPTIONS

| SYMBOL | ATTACHMENT                                     |
|--------|--|
| C      | No attachment, body strap only                 |
| D      | Bead chain, cres, passivate, with terminal     |
| E      | Link chain, cres, passivate, with reverse link |
| F      | Wire rope, nylon jacket, with terminal         |
| G      | Nylon rope, with terminal                      |
| H      | Wire rope, fluoropolymer jacket, with terminal |
| N      | Attachment omitted                             |
| R      | Wire rope, PVC jacket, with terminal           |
| S      | #8 Sash chain, cres, passivate                 |
| U      | Wire rope, polyurethane jacket, with terminal  |

TABLE II : END FITTING

| SYMBOL | E Dia.     |
|--------|------------|
| A      | 3,6 (.140) |
| B      | 4,2 (.167) |
| C      | 4,6 (.182) |
| D      | 4,9 (.191) |
| E      | 3,2 (.125) |
| F      | 5,5 (.218) |

Dimensions in brackets [ ] are in inches.



TABLE III - BACKSHELL INTERFACE DIMENSIONS

| CONNECTOR DESIGNATOR |    |    |    |         |        |        |        |         |    |    | A THREADED       | B            | C            | D            | E            |
|----------------------|----|----|----|---------|--------|--------|--------|---------|----|----|------------------|--------------|--------------|--------------|--------------|
| A                    | C* | D  | E  | F       | G      | H      | J      | K       | L  | S  | REFERENCE        | DIA MAX      | DIA MAX      | DIA MAX      | DIA MAX      |
|                      |    | 08 | 08 | 08 [09] |        |        |        | 08      | 08 | 08 | 7/16 - 28 UNEF   | 15,0 (.590)  | 16,5 (.650)  | 19,6 (.770)  | 17,5 (.690)  |
| 08                   |    |    |    |         |        | 09 [A] |        |         |    |    | M12 x 1 - 6H     | 16,5 (.650)  | 19,6 (.770)  |              | 24,8 (.940)  |
|                      |    |    |    |         |        |        | 08 [A] | 10      |    |    | 1/2 - 20 UNF     | 16,5 (.650)  | 16,5 (.650)  |              | 17,5 (.690)  |
| 03                   |    | 10 | 10 | 10 [11] |        |        |        | 11      | 10 | 10 | 1/2 - 28 UNEF    | 16,5 (.650)  | 19,6 (.770)  | 19,6 (.770)  |              |
|                      |    |    |    |         |        | 11 [B] |        |         |    |    | 9/16 - 24 UNEF   | 18,3 (.720)  | 19,6 (.770)  | 22,6 (.890)  | 20,8 (.820)  |
| 10                   |    |    |    |         |        |        |        | 12 [13] |    |    | M15 x 1 - 6H     | 19,6 (.770)  | 20,8 (.820)  |              | 26,9 (1.060) |
|                      |    |    |    |         |        |        |        | 10 [B]  |    |    | 5/8 - 24 UNEF    | 19,6 (.770)  | 19,6 (.770)  | 22,6 (.890)  | 20,8 (.820)  |
|                      |    | 12 |    | 12 [13] |        |        |        |         | 12 | 12 | 5/8 - 28 UN      | 19,6 (.770)  | 22,6 (.890)  |              |              |
|                      |    |    |    |         |        | 13 [C] |        |         |    |    | 11/16 - 24 UNEF  | 21,3 (.840)  | 22,6 (.890)  | 25,9 (1.020) | 23,8 (.940)  |
| 12 [7]               | 12 |    | 12 |         |        |        |        | 14 [15] |    |    | M18 x 1 - 6H     | 22,6 (.890)  | 23,9 (.940)  |              | 29,7 (1.170) |
|                      |    | 14 | 14 | 14 [15] |        |        |        |         | 14 | 14 | 3/4 - 20 UNEF    | 24,6 (.970)  | 23,9 (.940)  | 25,9 (1.020) | 23,8 (.940)  |
|                      |    |    |    |         |        | 15 [D] |        |         |    |    | 13/16 - 20 UNEF  | 24,6 (.970)  | 29,2 (1.020) | 29,2 (1.150) | 26,9 (1.060) |
| 14 [12]              | 14 |    |    |         |        |        |        | 16 [17] |    |    | M22 x 1 - 6H     | 26,2 (1.030) | 26,2 (1.070) |              | 32,7 (1.290) |
|                      |    |    |    |         |        | 13 [B] |        |         |    |    | 7/8 - 20 UNEF    | 27,7 (1.090) | 25,9 (1.020) | 29,2 (1.150) | 26,9 (1.060) |
|                      |    |    |    |         |        |        |        | 14 [D]  |    |    | 7/8 - 28 UN      | 26,2 (1.030) | 29,2 (1.150) |              |              |
|                      |    | 16 | 16 | 16 [17] |        |        |        |         | 16 | 16 | 15/16 - 20 UNEF  | 27,7 (1.090) | 29,2 (1.150) | 32,0 (1.260) | 29,7 (1.170) |
|                      |    |    |    |         |        | 17 [E] |        |         |    |    | M25 x 1 - 6H     | 29,2 (1.150) | 30,7 (1.210) |              | 36,1 (1.420) |
| 16 [19]              | 16 |    |    |         |        |        |        | 18      |    |    | 1 - 20 UNEF      | 29,2 (1.220) | 30,7 (1.210) | 31,2 (1.230) | 29,7 (1.170) |
|                      |    |    |    |         |        | 15 [C] |        |         |    |    | 1 - 28 UN        | 29,2 (1.150) | 34,5 (1.360) |              |              |
| 18 [27]              |    | 18 | 18 | 18 [19] |        |        |        |         | 18 | 18 | 1 1/16 - 18 UNEF | 31,0 (1.220) | 31,2 (1.230) | 35,6 (1.400) | 32,7 (1.290) |
|                      |    |    |    |         |        | 19 [F] |        |         |    |    | M28 x 1 - 6H     | 32,5 (1.280) | 34,5 (1.360) |              | 39,1 (1.540) |
|                      | 18 |    |    |         |        |        |        | 20      |    |    | 1 1/8 - 18 UNEF  | 34,0 (1.340) | 34,5 (1.360) | 34,5 (1.360) |              |
|                      |    |    |    |         |        | 17 [D] |        |         |    |    | 1 1/8 - 28 UN    | 32,5 (1.280) | 37,6 (1.480) |              |              |
| 20 [37]              |    | 20 | 20 | 20 [21] |        |        |        | 18 [F]  |    | 20 | 1 3/16 - 18 UNEF | 34,0 (1.340) | 34,5 (1.360) | 38,9 (1.530) | 36,0 (1.420) |
|                      |    |    |    |         |        | 21 [G] |        |         |    |    | M31 x 1 - 6H     | 35,8 (1.410) | 37,6 (1.480) |              | 42,4 (1.670) |
|                      | 20 |    |    |         |        |        |        | 20 [G]  |    |    | 1 1/4 - 18 UNEF  | 37,3 (1.470) | 38,9 (1.530) | 37,6 (1.480) |              |
|                      |    |    |    |         |        | 19 [E] |        |         |    |    | 1 1/4 - 28 UN    | 35,8 (1.410) | 40,6 (1.600) |              |              |
| 22                   |    | 22 | 22 | 22 [23] |        |        |        |         | 22 | 22 | 1 5/16 - 18 UNEF | 37,3 (1.470) | 37,6 (1.480) | 40,6 (1.600) | 39,1 (1.540) |
|                      |    |    |    |         |        | 23 [H] |        |         |    |    | M34 x 1 - 6H     | 38,9 (1.530) | 40,6 (1.600) |              | 51,1 (2.010) |
|                      | 22 |    |    |         |        |        |        | 24      |    |    | 1 3/8 - 18 UNEF  | 40,4 (1.590) |              | 40,6 (1.600) |              |
|                      |    |    |    |         |        |        |        | 22 [H]  |    |    | 1 3/8 - 28 UN    | 38,9 (1.530) | 43,9 (1.730) |              |              |
| 24                   |    | 24 | 24 | 24 [25] | 23 [F] |        |        |         | 24 | 24 | 1 7/16 - 18 UNEF | 40,4 (1.590) | 43,9 (1.730) | 49,3 (1.940) | 42,2 (1.660) |
|                      |    |    |    |         |        | 25 [J] |        |         |    |    | M37 x 1 - 6H     | 42,2 (1.660) | 43,2 (1.700) |              | 53,8 (2.120) |
| 61                   |    |    |    |         |        |        |        | 24 [J]  |    |    | 1 1/2 - 18 UNEF  | 42,2 (1.660) | 42,4 (1.670) |              |              |
|                      |    |    |    |         |        |        |        |         |    |    | 1 1/2 - 28 UN    | 42,2 (1.660) | 49,3 (1.940) |              |              |
|                      |    |    |    |         |        | 25 [G] |        |         |    |    | 1 9/16 - UNEF    |              | 46,2 (1.820) |              |              |
|                      | 24 |    |    |         |        |        |        | 28      |    |    | 1 5/8 - UNEF     | 46,7 (1.840) |              | 49,3 (1.940) |              |
| 28                   |    |    |    |         |        |        |        |         |    |    | 1 3/4 - 18 UNS   | 50,0 (1.970) | 50,0 (1.970) |              | 51,1 (2.010) |
|                      | 28 |    |    |         |        | 29 [H] |        |         |    |    | 1 7/8 - 16 UN    | 53,1 (2.090) | 55,6 (2.190) | 55,6 (2.190) |              |
| 32                   |    |    |    |         |        |        |        |         |    |    | 2 - 18 UNS       | 57,9 (2.280) | 56,4 (2.220) |              | 57,4 (2.260) |
|                      | 32 |    |    |         |        | 33 [J] |        |         |    |    | 2 1/16 - 16 UNS  | 59,4 (2.340) | 62,0 (2.440) | 62,0 (2.440) |              |
|                      |    |    |    |         |        |        |        |         |    |    | 2 1/8 - 16 UN    | 59,4 (2.340) |              | 62,0 (2.440) |              |
| 36                   |    |    |    |         |        |        |        |         |    |    | 2 1/4 - 16 UN    | 64,3 (2.530) | 62,7 (2.470) |              | 64,3 (2.530) |
|                      | 36 |    |    |         |        |        |        |         |    |    | 2 5/16 - 16 UNS  | 65,8 (2.590) |              | 68,3 (2.690) |              |
|                      |    |    |    |         |        |        |        |         |    |    | 2 3/8 - 16 UN    | 65,8 (2.590) |              | 68,3 (2.690) |              |
| 40                   |    |    |    |         |        |        |        | 40      |    |    | 2 1/2 - 16 UN    | 70,6 (2.780) | 69,1 (2.720) |              | 77,2 (3.040) |
|                      | 40 |    |    |         |        |        |        |         |    |    | 2 5/8 - 16 UN    | 73,9 (2.910) |              | 74,4 (2.930) |              |
| 44                   |    |    |    |         |        |        |        |         |    |    | 2 3/4 - 16 UN    | 77,0 (3.030) | 75,4 (2.970) |              |              |
|                      | 44 |    |    |         |        |        |        |         |    |    | 2 7/8 - 16 UN    | 80,3 (3.160) |              |              |              |
| 48                   |    |    |    |         |        |        |        |         |    |    | 3 - 16 UN        | 81,8 (3.220) | 81,8 (3.220) |              |              |
|                      | 48 |    |    |         |        |        |        |         |    |    | 3 1/16 - 16 UN   | 86,6 (3.410) |              |              |              |

\* Code C, MIL-C-22992, Left-Hand Thread. Connector designations depicted thus [ ] are for reference only and are not to be used in part number development.

BACKSHELL INTERFACE STANDARDS

| DESIG. | SPEC.          | SERIES  | DESIG. | SPEC.         | SERIES   | DESIG. | SPEC.         | SERIES      | DESIG. | SPEC.      | SERIES |
|--------|----------------|---------|--------|---------------|----------|--------|---------------|-------------|--------|------------|--------|
| A      | MIL-DTL-5015   | MS3400  | A      | PATT 602      |          | G      | MIL-C-28840   |             | L      | EN3372     |        |
|        | MIL-DTL-26482  | 2       | B      | MIL-DTL-5015  | MS3100   | H      | MIL-DTL-38999 | III & IV    |        | JN 1003    |        |
|        | AS81703        | 3       | C      | MIL-C-22992   | MS173XX  |        | EN3645        |             |        | LN 29729   |        |
|        | MIL-DTL-83723  | I & III | D      | MIL-DTL-26482 | 1        | J      | MIL-C-81511   | 1, 2, 3 & 4 |        | NFC93422   | HE306  |
|        | 40M39569       |         | E      | MIL-DTL-26500 | Aluminum |        | VG95329       |             |        | PAN 6433-2 |        |
|        | DEF5326-3      |         | F      | MIL-DTL-38999 | I & II   | K      | MIL-DTL-83723 | I           |        | PATT 615   |        |
|        | EN 2997, 3646  |         |        | 40M38277      |          |        |               |             |        | VG96912    |        |
|        | ESC 10, 11     |         |        | PAN 6433-1    |          |        |               |             | S      | PATT 105   |        |
|        | LN 29504       |         |        | PATT 614      |          |        |               |             |        | PATT 603   |        |
|        | NFC93422       | HE302   |        | PATT 616      |          |        |               |             |        | PATT 608   |        |
|        | PAN 6432-1, -2 |         |        | NFC93422      | HE308, 9 |        |               |             |        |            |        |



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