

# AS85049/60-2G and MS3416-G Straight Shrink Boot Adapter



AS85049

## CONNECTOR DESIGNATOR:

**A**

AS50151 Series AS34001  
MIL-DTL-26482 Series II  
AS81703 Series III  
MIL-DTL-83723 Series I & III  
40M39569, DEF 5326-3  
EN 2997, EN 3646  
ESC 10, ESC 11, LN 29504  
NFC93422 Series HE302  
PAN 6432-1, PAN 6432-2  
PATT 602

Basic Part Number

Shell Size

**M85049/60-2G**

**22**

**W**

## Finish

*A* = Black Anodize  
*W* = 1000 Hr. Cadmium Olive Drab  
*X* = Nickel Fluorocarbon Polymer  
*Y* = Pure Dense Electrodeposited Aluminum  
*Z* = Zinc Nickel, Black

## Superseded Part Number

Basic Part Number

Shell Size

Style

**MS3416**

**- 22**

**G**

**C**

**Finish**  
*C* = Cadmium Olive Drab over  
Electroless Nickel  
*N* = Electroless Nickel

**B**

## APPLICATION NOTES

- For complete dimensions see the applicable Military Specification.
- Metric dimensions (mm) are in parentheses.

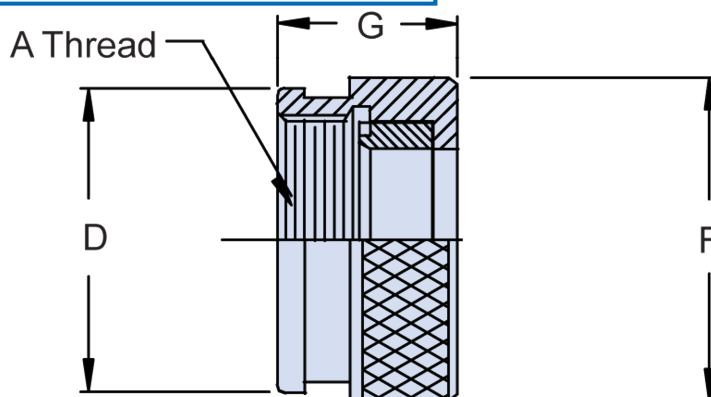


TABLE I: Shell Size, Thread and Dimensions

| Shell Size | A Thread Class 2B | D Dia<br>+.000 (0.0)<br>-.020 (0.5) | F Dia<br>+.000 (0.0)<br>-.045 (1.1) | G Max       |
|------------|-------------------|-------------------------------------|-------------------------------------|-------------|
| 3          | .562 - 24 UNEF    | .709 (18.0)                         | .750 (19.1)                         | .540 (13.7) |
| 8          | .500 - 20 UNF     | .657 (16.7)                         | .688 (17.5)                         | .540 (13.7) |
| 10         | .625 - 24 UNEF    | .774 (19.7)                         | .803 (20.4)                         | .540 (13.7) |
| 12         | .750 - 20 UNEF    | .898 (22.8)                         | .938 (23.8)                         | .540 (13.7) |
| 14         | .875 - 20 UNEF    | 1.024 (26.0)                        | 1.063 (27.0)                        | .540 (13.7) |
| 16         | 1.000 - 20 UNEF   | 1.152 (29.3)                        | 1.238 (31.4)                        | .540 (13.7) |
| 18         | 1.062 - 18 UNEF   | 1.243 (31.6)                        | 1.310 (33.3)                        | .540 (13.7) |
| 20         | 1.188 - 18 UNEF   | 1.370 (34.8)                        | 1.436 (36.5)                        | .540 (13.7) |
| 22         | 1.313 - 18 UNEF   | 1.443 (36.7)                        | 1.560 (39.6)                        | .540 (13.7) |
| 24         | 1.438 - 18 UNEF   | 1.618 (41.1)                        | 1.686 (42.8)                        | .540 (13.7) |
| 28         | 1.750 - 18 UNS    | 1.969 (50.0)                        | 2.062 (52.4)                        | .702 (17.8) |
| 32         | 2.000 - 18 UNS    | 2.219 (56.4)                        | 2.312 (58.7)                        | .702 (17.8) |
| 36         | 2.250 - 16 UN     | 2.469 (62.7)                        | 2.562 (65.1)                        | .702 (17.8) |
| 40         | 2.500 - 16 UN     | 2.719 (69.1)                        | 2.812 (71.4)                        | .702 (17.8) |
| 44         | 2.750 - 16 UN     | 2.969 (75.4)                        | 3.062 (77.8)                        | .702 (17.8) |
| 48         | 3.000 - 16 UN     | 3.219 (81.8)                        | 3.312 (84.1)                        | .702 (17.8) |
| 61         | 1.500 - 18 UNEF   | 1.653 (42.0)                        | 1.748 (44.4)                        | .540 (13.7) |

Dimensions in inches (millimeters) and are subject to change without notice.

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