



SERIES 77

# Lipped, 90° Angle Shrink Boots



770-021A Angled Long Tail Boot

Qualified to TACOM 12273176 - How to Order

90° Boots



Lipped long tail, right angle heat shrink boots provide mechanical and environmental protection from damage and debris. Long tail boots provide additional strain relief compared to standard length boots. These shrink boots fit most standard boot adapters for circular connectors. All adhesive lined and unlined shrink boots are RoHS compliant. Shrink boots are water-tight when equipped with factory installed or user-installed adhesive. Lipped boots lock into boot groove located on adapter. Choose boot size based on adapter diameter and cable diameter.

### How to Order

|                           |  |             |          |          |           |           |            |
|---------------------------|--|-------------|----------|----------|-----------|-----------|------------|
| <b>Sample Part Number</b> | <b>770</b>   | <b>-021</b> | <b>A</b> | <b>6</b> | <b>03</b> | <b>W1</b> | <b>-DH</b> |
| <b>Product Series</b>     | 770 = Series 77 shrink boot                          |             |          |          |           |           |            |
| <b>Basic Number</b>       | 021 = lipped, long tail boot                         |             |          |          |           |           |            |
| <b>Angular Function</b>   | A = 90°  |             |          |          |           |           |            |
| <b>Material</b>           | See material and adhesive table                      |             |          |          |           |           |            |
| <b>Boot Size</b>          | 02, 03, 04, 05, 06, 07, 08, 09; see dimensions table |             |          |          |           |           |            |
| <b>Adhesive Lined</b>     | Omit for no adhesive; see adhesive table for options |             |          |          |           |           |            |
| <b>Drain Hole</b>         | DH = drain holes    Omit for none                    |             |          |          |           |           |            |

### Material and Adhesive Compatibility

| Material Code | Material Description (Compound No.)     | Hot Melt Adhesives                 |                           |                               | High Performance Epoxy Adhesives |  |
|---------------|---|------------------------------------|---------------------------|-------------------------------|----------------------------------|--|
|               |   | W1                                 | W2                        | W3 (TACOM approved)           | R                                | U  |
|               |   | High Temperature<br>-55°C to 125°C | Standard<br>-55°C to 70°C | Elastomeric<br>-55°C to 125°C | Pre-Coat<br>-75°C to 150°C       | Two-Part<br>-75°C to 155°C   |
| 5             | Viton Fluoroelastomer Blend (2050)      | ●                                  |                           | ●                             | ●                                | Type U epoxy adhesive is compatible with all boot materials. Ordered separately, user-installed (779-001). Order boot with no adhesive lining. |
| 6             | High Performance Elastomer Alloy (2051) | ●                                  |                           | ●                             |                                  |  |
| 7             | Semi-Rigid Polyolefin (2071)            | ●                                  | ●                         |                               |                                  |  |

### NOTES

1. See **Modification Codes** listed in Section A for material color options available for **Type 1 (compound 2025)** material.
2. Per AS85049 3 places 90° apart and one on top.
3. Recovered dimension apply to unrestricted recovery. Dimensions may differ than shown when boots are installed over assembly.

### Part Number Cross Reference

| Boot Size | Glenair US Part Marking | Tacom Ref Part No |
|-----------|-------------------------|-------------------|
| 02        | A02                     | 12273176-1*       |
| 03        | A03                     | 12273176-2*       |
| 04        | A04                     | 12273176-3*       |
| 05        | A05                     | 12273176-4*       |
| 06        | A06                     | 12273176-5*       |
| 07        | A07                     | 12273176-6*       |
| 08        | A08                     | 12273176-7*       |
| 09        | A09                     | 12273176-8*       |



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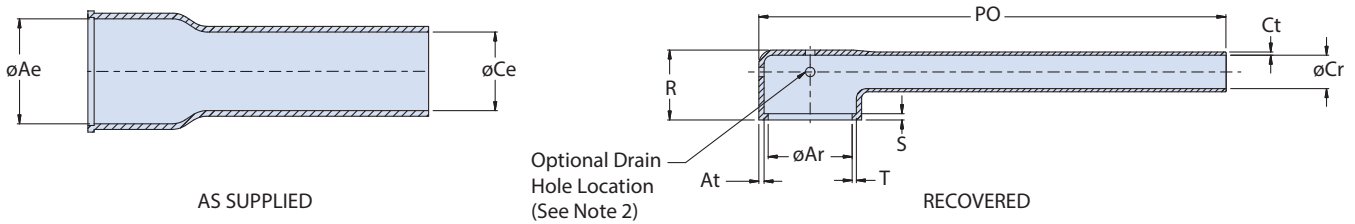
# Lipped, 90° Angle Shrink Boots



770-021A Angled Long Tail Boot

Qualified to TACOM 12273176 - Dimensions

## Lipped Right Angle Shrink Boots: Dimensions



90° Boots

C

| Dimensions |             |             |             |                   |            |            |              |              |            |            |  |
|------------|-------------|-------------|-------------|-------------------|------------|------------|--------------|--------------|------------|------------|--|
| Boot Size  | Ae Dia Min  | Ce Dia Min  | Ar Dia Max  | At<br>+ .02/- .01 | Cr Dia Max | ct ±.015   | PO ±10%      | S +.06/- .00 | t .015±    | R ±10%     |  |
| 02         | .940(23.9)  | .680(17.3)  | .390(9.9)   | .060(1.52)        | .260(6.6)  | .060(1.52) | 4.142(105.2) | .060(1.52)   | .050(1.27) | .730(18.5) |  |
| 03         | 1.070(27.2) | .820(20.8)  | .520(13.2)  | .060(1.52)        | .300(7.6)  | .060(1.52) | 4.882(124.0) | .060(1.52)   | .050(1.27) | .780(19.8) |  |
| 04         | 1.220(31.0) | .960(24.4)  | .730(18.5)  | .070(1.78)        | .350(8.9)  | .060(1.52) | 5.760(146.3) | .070(1.78)   | .050(1.27) | .820(20.8) |  |
| 05         | 1.400(35.6) | 1.130(28.7) | .870(22.1)  | .070(1.78)        | .400(10.2) | .060(1.52) | 6.780(172.2) | .070(1.78)   | .050(1.27) | .860(21.8) |  |
| 06         | 1.530(38.9) | 1.240(31.5) | 1.110(28.2) | .070(1.78)        | .430(10.9) | .060(1.52) | 7.291(185.2) | .070(1.78)   | .070(1.78) | .960(24.4) |  |
| 07         | 1.780(45.2) | 1.510(38.4) | 1.270(32.3) | .070(1.78)        | .500(12.7) | .060(1.52) | 8.409(213.6) | .070(1.78)   | .070(1.78) | 1.08(27.4) |  |
| 08         | 2.030(51.6) | 1.750(44.5) | 1.620(41.1) | .080(2.03)        | .590(15.0) | .070(1.78) | 8.839(224.5) | .070(1.78)   | .070(1.78) | 1.16(29.5) |  |
| 09         | 2.470(62.7) | 1.860(47.2) | 1.690(42.9) | .085(2.16)        | .690(17.5) | .070(1.78) | 8.949(227.3) | .070(1.78)   | .080(2.03) | 1.31(33.3) |  |

## Lipped Right Angle Shrink Boots: Part Marking, Raised Lettering

