



# SERIES 80 MIGHTY MOUSE CONNECTORS Accessories, Backshells, and Tools



## Accessory Thread Information

### ABOUT ACCESSORY THREAD SIZES FOR SERIES 80 CONNECTORS

*Series 80 Connectors* accept a variety of thread-on backshells and adapters. This section contains ordering information for these fittings, arranged by thread size.

*The Accessory Thread Table* below identifies the accessory thread sizes for each Series 80 product type. Find the correct accessory thread code from this table, and use this information to identify the correct accessory part number from the following pages.

*Some Mighty Mouse sizes are compatible with MIL-DTL-38999 Series I/II accessories.* The table below lists the D38999 shell sizes which share the same threads with Series 80 connectors.

For example, any accessory which fits a 38999 Series II shell size 8 connector will also fit a Series 800 shell size 7 connector.

### How to order a 38999 accessory compatible with Series 80 connectors:

- 1** Find the Series 80 shell size and thread size in the Accessory Thread Table below.
- 2** Find the corresponding 38999 shell size in the right hand column of the table.
- 3** Find a suitable accessory in Glenair's catalog. Use connector designator "F" and the correct shell size from the table.

### ACCESSORY THREAD TABLE

Find the correct accessory thread code from this table, and use this information to identify the correct accessory part number from the following pages.

Series 802 AquaMouse™ connectors are intended for high pressure submersible applications. The accessories in this section are not recommended for use on Series 802 connectors. Contact Glenair for information on special heavy-duty stainless steel accessories for the Series 802.

Accessory Thread	Size Code	Shell Size					
		Series 800	Series 801	Series 803	Series 804	Series 805	38999 Sr II
.2500-32 UNEF	05	5	5	5	5		
.3125-32 UNEF	06	6	6	6	6		
.3750-32 UNEF	11					8	
.4375-28 UNEF	07	7	7	7	7	9	8
.5000-28 UNEF	08	8	8	8	8	10	
.5625-24 UNEF	09	9	9	9	9	11	10
.6250-24 UNEF	10	10	10	10	10	12	
.6875-24 UNEF	12	12	11, 13	12	11, 12	13	12
.7500-20 UNEF	13					15	
.9375-20 UNEF	14		16, 17	14, 15	14, 15	18, 19	16
1.0625-18 UNEF	16		19			21	18
1.1875-18 UNEF	17		21			23	20

### USING 38999 SERIES II ACCESSORIES WITH SERIES 80 CONNECTORS- SOME EXAMPLES

#### 1 Using a Swing Arm backshell on a Mighty Mouse connector.

Connector Part Number  
**801-008-16M9-19PA**

Shell Size 9

Shell size 9 Series 801 corresponds to shell size 10 38999 Series II. Use Connector Designator "F" and shell size 10 in the part number:

Backshell Part Number  
**319F064XO10**

Connector Designator F  
Shell Size 10

#### 2 Using a TAG® Ring backshell on a Mighty Mouse connector.

Connector Part Number  
**804-002-06NF14-55P**

Shell Size 14

Shell size 14 Series 804 corresponds to shell size 16 38999 Series II. Use Connector Designator "F" and shell size "16" in the part number:

Backshell Part Number  
**400FS001NF1606L6**

Connector Designator F  
Shell Size 16

**NOTE:** That while the accessories from Series I/II will work with Series 80 Mighty Mouse connectors, it is recommended that the customer uses a purpose built M code adapter, which is sometimes necessary for high density applications.