

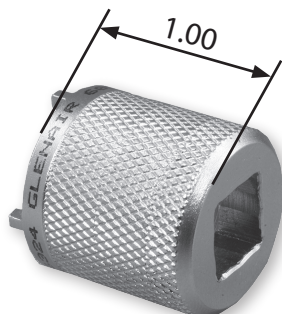


## Series 80 Mighty Mouse Contacts and Tools

### Jam Nut Tightening Tools, Connector Holding Fixtures and Mighty Mouse Recommended Torque Values

A

#### Spanner tool for tightening Series 80 jam nuts



Sample Part Number

**600-146**Product Series and  
Basic Part Number**-01**

Dash Number

Use these tools to tighten Series 80 jam nuts. 1/4" or 3/8" square drive for use with torque wrenches. Heat-treated steel, nickel plated.

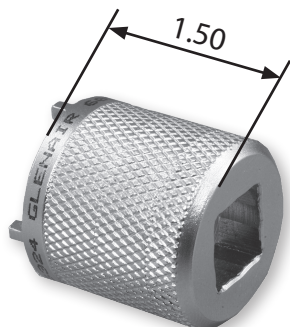
| Spanner Tool Part Number |                            |                            |                            |                            |                            |                            |
|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Shell Size               | Series 800                 | Series 801                 | Series 803                 | Series 804 Style 07        | Series 804 Style 00        | Series 805                 |
| 5                        | <a href="#">600-146-01</a> | <a href="#">600-146-02</a> | <a href="#">600-137-05</a> | <a href="#">600-146-03</a> | <a href="#">600-147-5</a>  | —                          |
| 6                        | <a href="#">600-146-02</a> | <a href="#">600-146-03</a> | <a href="#">600-137-06</a> | <a href="#">600-146-04</a> | <a href="#">600-147-6</a>  | —                          |
| 7                        | <a href="#">600-146-03</a> | <a href="#">600-146-05</a> | <a href="#">600-137-07</a> | <a href="#">600-146-06</a> | <a href="#">600-147-7</a>  | —                          |
| 8                        | <a href="#">600-146-04</a> | <a href="#">600-146-05</a> | <a href="#">600-137-09</a> | <a href="#">600-146-06</a> | <a href="#">600-147-7</a>  | <a href="#">600-154-08</a> |
| 9                        | <a href="#">600-146-05</a> | <a href="#">600-146-06</a> | <a href="#">600-137-09</a> | <a href="#">600-146-07</a> | <a href="#">600-147-9</a>  | <a href="#">600-154-09</a> |
| 10                       | <a href="#">600-146-06</a> | <a href="#">600-146-07</a> | <a href="#">600-137-10</a> | <a href="#">600-146-08</a> | <a href="#">600-147-10</a> | <a href="#">600-154-09</a> |
| 11                       | —                          | <a href="#">600-146-08</a> | —                          | —                          | —                          | <a href="#">600-154-11</a> |
| 12                       | <a href="#">600-146-08</a> | —                          | <a href="#">600-137-12</a> | <a href="#">600-146-10</a> | <a href="#">600-147-12</a> | <a href="#">600-154-12</a> |
| 13                       | —                          | <a href="#">600-146-10</a> | —                          | —                          | —                          | <a href="#">600-154-13</a> |
| 14                       | <a href="#">600-146-10</a> | —                          | <a href="#">600-137-14</a> | <a href="#">600-146-12</a> | <a href="#">600-147-14</a> | —                          |
| 15                       | <a href="#">600-146-11</a> | —                          | <a href="#">600-137-15</a> | <a href="#">600-146-13</a> | <a href="#">600-147-15</a> | <a href="#">600-154-15</a> |
| 16                       | —                          | <a href="#">600-146-13</a> | —                          | —                          | —                          | —                          |
| 17                       | —                          | <a href="#">600-146-14</a> | —                          | —                          | —                          | —                          |
| 18                       | —                          | —                          | —                          | —                          | —                          | <a href="#">600-154-18</a> |
| 19                       | —                          | —                          | —                          | —                          | —                          | <a href="#">600-154-19</a> |
| 21                       | —                          | <a href="#">600-146-17</a> | —                          | —                          | —                          | <a href="#">600-154-21</a> |
| 23                       | —                          | —                          | —                          | —                          | —                          | <a href="#">600-154-23</a> |

See Table I for torque values

To order as a kit replace dash number with "KIT" i.e.: substitute 600-146-[01](#) with 600-146-[KIT](#).

*Kit consists of all connector family shell size tools*

#### Spanner tool for tightening Series 80 extended length jam nut connectors with size #8 contacts



Sample Part Number

**600-197**Product Series and  
Basic Part Number**-05**

Dash Number

These Lengthened spanner tools are used to tighten jam nuts on extended-length connectors with size #8 contacts. 3/8" square drive. Nickel-plated heat-treated steel.

| Size #8 Spanner Tool Part Number |                              |                              |                         |
|----------------------------------|------------------------------|------------------------------|-------------------------|
| Part No.                         | Series 801 Series Shell Size | Series 805 Series Shell Size | Jam Nut Thread Size Ref |
| <a href="#">600-197-05</a>       | 8                            | N/A                          | .562                    |
| <a href="#">600-197-07</a>       | N/A                          | 10                           | .688                    |
| <a href="#">600-197-13</a>       | 16                           | N/A                          | 1.062                   |
| <a href="#">600-197-14</a>       | 17                           | N/A                          | 1.125                   |
| <a href="#">600-197-15</a>       | N/A                          | 18                           | 1.188                   |
| <a href="#">600-197-16</a>       | 19                           | 19                           | 1.250                   |
| <a href="#">600-197-17</a>       | 21                           | 21                           | 1.375                   |
| <a href="#">600-197-18</a>       | N/A                          | 23                           | 1.500                   |

See Table I for torque values

To order as a kit replace dash number with "KIT" i.e.: substitute 600-197-[05](#) with 600-197-[KIT](#)

*Kit consists of all connector family shell size tools*

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

# Series 80 Mighty Mouse Contacts and Tools

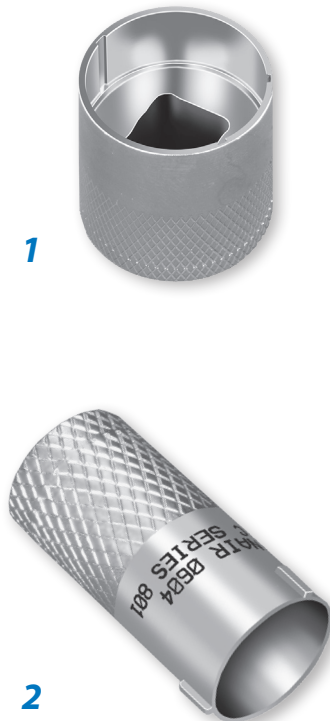
## Jam Nut Tightening Tools, Connector Holding Fixtures and Mighty Mouse Recommended Torque Values



### Connector holding tool for tightening backshells and accessories

**1** Plug tool for holding Series 80 plug connectors.  
Heat-treated steel, nickel plated.

**2** Receptacle tool for holding Series 80 receptacle connectors. Heat-treated steel, nickel plated.



| Holding Tool Part Number (Add P or R) |            |   |             |   |            |            |   |            |   |            |
|---------------------------------------|------------|---|-------------|---|------------|------------|---|------------|---|------------|
| Shell Size                            | Series 800 |   | Series 801  |   | Series 802 | Series 803 |   | Series 804 |   | Series 805 |
| 5                                     | 600M005-05 | ★ | 600MM005-05 | ◆ | 600-172-5  | 600-140-5  | ★ | 600-141-5  | ■ | —          |
| 6                                     | 600M005-06 | ★ | 600MM005-06 | ◆ | 600-172-6  | 600-140-6  | ★ | 600-141-6  | ■ | —          |
| 7                                     | 600M005-07 | ★ | 600MM005-07 | ◆ | 600-172-7  | 600-140-7  | ★ | 600-141-7  | ■ | —          |
| 8                                     | 600M005-08 | ★ | 600MM005-08 | ◆ | 600-172-8  | 600-140-8  | ★ | 600-141-8  | ■ | 600-185-8  |
| 9                                     | 600M005-09 | ★ | 600MM005-09 | ◆ | 600-172-9  | 600-140-9  | ★ | 600-141-9  | ■ | 600-185-9  |
| 10                                    | 600M005-10 | ★ | 600MM005-10 | ◆ | 600-172-10 | 600-140-10 | ★ | 600-141-10 | ■ | 600-185-10 |
| 11                                    | —          |   | 600MM005-11 | ◆ | —          | —          |   | —          |   | 600-185-11 |
| 12                                    | 600M005-12 | ★ | —           |   | 600-172-12 | 600-140-12 | ★ | 600-141-12 | ■ | 600-185-12 |
| 13                                    | —          |   | 600MM005-13 | ◆ | —          | —          |   | —          |   | 600-185-13 |
| 14                                    | —          |   | —           |   | 600-172-14 | 600-140-14 | ★ | 600-141-14 | ■ | —          |
| 15                                    | —          |   | —           |   | 600-172-15 | 600-140-15 | ★ | 600-141-15 | ■ | 600-185-15 |
| 16                                    | —          |   | 600MM005-16 | ◆ | —          | —          |   | —          |   | —          |
| 17                                    | —          |   | 600MM005-17 | ◆ | —          | —          |   | —          |   | —          |
| 18                                    | —          |   | —           |   | —          | —          |   | —          |   | 600-185-18 |
| 19                                    | —          |   | —           |   | —          | —          |   | —          |   | 600-185-19 |
| 21                                    | —          |   | 600MM005-21 | ◆ | 600-172-21 | —          |   | —          |   | 600-185-21 |
| 23                                    | —          |   | —           |   | —          | —          |   | —          |   | 600-185-23 |

- ★ Add **P** for plug holder or **R** for receptacle holder, followed by polarizing position (**N, X, Y, Z**).
- ♦ Add **P** for plug holder or **R** for receptacle holder, followed by polarizing position (**A, B, C, D**).
- Add **P** for plug holder or **R** for receptacle holder, followed by polarizing position (**A, B, C, D, E, F**). Omit for single master key).
- Add **P** for plug holder or **R** for receptacle holder, followed by polarizing position (**A, B, C, D, E, F**). Omit polarization for receptacle tools.
- ✚ Add **P** for plug holder or **R** for receptacle holder, followed by polarizing position (**A, B, C, D, U=universal**).

The following tabulations show the changes to the Glenair recommended torque values for connector coupling torque and backshell tightening torque. The jam nut tightening torque values will remain the same.

| Series 800 Recommended Torque Values |                 |      |                    |      |                      |      |
|--------------------------------------|-----------------|------|--------------------|------|----------------------|------|
| Series 800                           | Coupling Torque |      | Jam Nut Tightening |      | Backshell Tightening |      |
|                                      | In-lbs.         |      | In-lbs.            |      | In-lbs.              |      |
|                                      | Min.            | Max. | Min.               | Max. | Min.                 | Max. |
| 5                                    | 16              | 20   | 20                 | 25   | 12                   | 16   |
| 6                                    | 18              | 22   | 20                 | 25   | 14                   | 18   |
| 7                                    | 20              | 24   | 20                 | 25   | 16                   | 20   |
| 8                                    | 20              | 24   | 20                 | 25   | 16                   | 20   |
| 9                                    | 20              | 24   | 25                 | 30   | 16                   | 20   |
| 10                                   | 20              | 24   | 25                 | 30   | 16                   | 20   |
| 12                                   | 20              | 24   | 25                 | 30   | 16                   | 20   |

| Series 801, 802, 803, 804, 805 Recommended Torque Values |                       |                 |      |                    |      |                      |      |
|----------------------------------------------------------|-----------------------|-----------------|------|--------------------|------|----------------------|------|
| Shell Size Series 801, 802, 803, 804                     | Shell Size Series 805 | Coupling Torque |      | Jam-Nut Tightening |      | Backshell Tightening |      |
|                                                          |                       | In-lbs.         |      | In-lbs.            |      | In-lbs.              |      |
|                                                          |                       | Min.            | Max. | Min.               | Max. | Min.                 | Max. |
| 5                                                        | -                     | 16              | 20   | 20                 | 25   | 12                   | 16   |
| 6                                                        | 8                     | 18              | 22   | 20                 | 25   | 14                   | 18   |
| 7                                                        | 9                     | 20              | 24   | 20                 | 25   | 16                   | 20   |
| 8                                                        | 10                    | 22              | 26   | 20                 | 25   | 18                   | 22   |
| 9                                                        | 11                    | 24              | 28   | 20                 | 25   | 20                   | 24   |
| 10                                                       | 12                    | 26              | 30   | 25                 | 30   | 22                   | 26   |
| 12, 13                                                   | 15                    | 32              | 36   | 25                 | 30   | 28                   | 32   |
| 14, 16                                                   | 18                    | 38              | 42   | 25                 | 30   | 28                   | 32   |
| 15, 17                                                   | 19                    | 40              | 44   | 25                 | 30   | 28                   | 32   |
| 21                                                       | 23                    | 48              | 52   | 25                 | 30   | 28                   | 32   |

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