

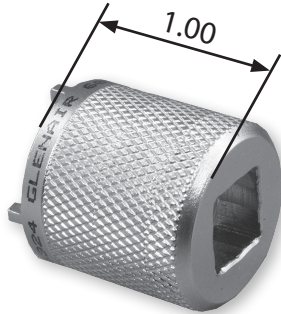


## Series 80 Mighty Mouse Contacts and Tools

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

A

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



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.

Sample Part Number

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

Dash Number

Spanner Tool Part Number

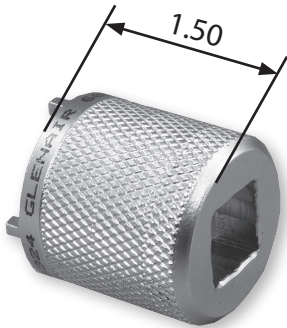
| Shell Size | Series 800                 | Series 801                 | Series 803                 | Series 804 Style 07        | Series 804 Style 00        | Series 805                 |
|------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 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



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.

Sample Part Number

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

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 Spanner and Holding Tools 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 ◆ | —            | —            | 600-141-11 ■ | 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, U**=universal).
- 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.

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   |

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

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