



## Series 80 Mighty Mouse

### Direct or Rotatable Coupling Strain Relief Clamp

#### 620MS064 & 620M\*065 Straight, 45° and 90° Ordering Information



These clamps provide strain relief to open wire bundles. Add tubing or tape to build up smaller diameter wires to fit the clamps.

Straight Entry clamps are available with rotatable coupling or save space with lower profile direct coupling versions.

X

| How To Order              |                                                                                                                                                                                                                                                                                                                              |          |      |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|
| Sample Part Number        |                                                                                                                                                                                                                                                                                                                              | 620MS064 | M 07 |
| Series (See Table I)      | 620MS064 = Straight Direct Coupling<br>620MS065 = Straight Rotatable Coupling<br>620MB065 = 45° Rotatable Coupling<br>620MA065 = 90° Rotatable Coupling                                                                                                                                                                      |          |      |
| Shell Material and Finish | C = Aluminum / Black Anodize (Non-Conductive) RoHS Compliant<br>M = Aluminum / Electroless Nickel<br>NF = Aluminum / Cadmium with Olive Drab<br>ZN = Aluminum / Zinc-Nickel with Olive Drab Chromate<br>ZNU = Aluminum / Zinc-Nickel with Black Chromate<br>MT = Aluminum / Nickel-PTFE<br>Z1 = Stainless Steel / Passivated |          |      |
| Size Code (See Table II)  | 05, 06, 11, 07, 08, 09, 10, 12, 13, 14, 15, 16, 17                                                                                                                                                                                                                                                                           |          |      |

Table I: Cover Style

|                                       |                                    |
|---------------------------------------|------------------------------------|
|                                       |                                    |
| <b>620MS065</b><br>Rotatable Coupling | <b>620MS064</b><br>Direct Coupling |

**NOTES***Materials*

- Coupling Nut, Clamp, and Saddles:  
Aluminum Alloy 6061-T6 or 300 Series SST
- Hardware: 300 Series Stainless Steel

Table II: Size Codes

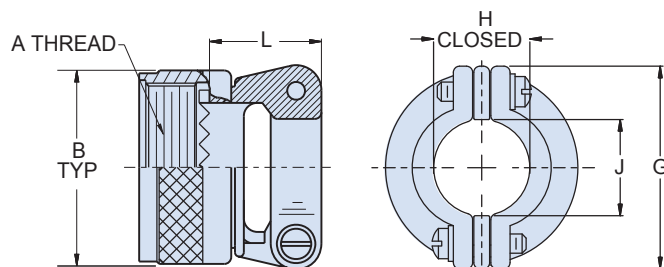
| Size Code | Shell Size Ref              |            | A Thread Size<br>Class-2B | Cable Entry Diameter<br>(E Closed Dia) |
|-----------|-----------------------------|------------|---------------------------|----------------------------------------|
|           | Series 800, 801<br>803, 804 | Series 805 |                           |                                        |
| 05        | 5                           | N/A        | .2500-32 UNEF             | .11                                    |
| 06        | 6                           | N/A        | .3125-32 UNEF             | .17                                    |
| 11        | N/A                         | 8          | .3750-32 UNEF             | .17                                    |
| 07        | 7                           | 9          | .4375-28 UNEF             | .23                                    |
| 08        | 8                           | 10         | .5000-28 UNEF             | .30                                    |
| 09        | 9                           | 11         | .5625-24 UNEF             | .30                                    |
| 10        | 10                          | 12         | .6250-24 UNEF             | .36                                    |
| 12        | 11/12/13                    | 13         | .6875-24 UNEF             | .42                                    |
| 13        | N/A                         | 15         | .7500-20 UNEF             | .42                                    |
| 14        | 14/15/16/17                 | 18/19      | .9375-20 UNEF             | .48                                    |
| 15        | 14/15/16/17                 | 18/19      | .9375-20 UNEF             | .61                                    |
| 16        | 19                          | 21         | 1.0625-18 UNEF            | .73                                    |
| 17        | 21                          | 23         | 1.1875-18 UNEF            | .86                                    |

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

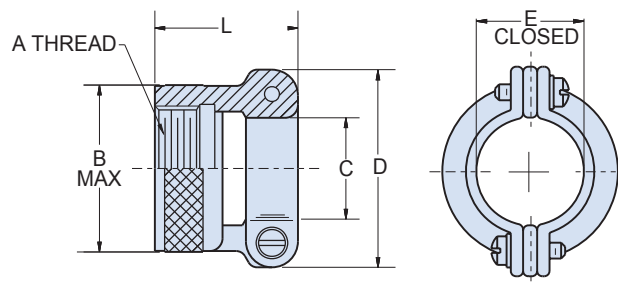
# Series 80 Mighty Mouse Direct or Rotatable Coupling Strain Relief Clamp 620MS064 & 620MS065 Straight Dimensions



Accessories



SYMBOL S: STRAIGHT  
ROTATABLE COUPLING  
**620MS065**



SYMBOL S: STRAIGHT  
DIRECT COUPLING  
**620MS064**

**620MS065 Symbol S Dimensions**

| Size Code | Shell Size Ref            |            | A Thread<br>Class -2B | B Typ |       | G Dim |       | H Closed |       | J Dim |       | L Max. |       |
|-----------|---------------------------|------------|-----------------------|-------|-------|-------|-------|----------|-------|-------|-------|--------|-------|
|           | Series 800, 801, 803, 804 | Series 805 |                       | In.   | mm.   | In.   | mm.   | In.      | mm.   | In.   | mm.   | In.    | mm.   |
| 05        | 5                         | N/A        | .2500-32 UNEF         | .470  | 11.94 | .496  | 12.60 | .11      | 2.79  | .119  | 3.02  | .688   | 17.48 |
| 06        | 6                         | N/A        | .3125-32 UNEF         | .530  | 13.46 | .582  | 14.78 | .17      | 4.32  | .182  | 4.62  | .688   | 17.48 |
| 11        | N/A                       | 8          | .375-32 UNEF          | .570  | 14.48 | .582  | 14.78 | .17      | 4.32  | .182  | 4.62  | .688   | 17.48 |
| 07        | 7                         | 9          | .4375-28 UNEF         | .637  | 16.18 | .656  | 16.66 | .23      | 5.08  | .244  | 6.20  | .688   | 17.48 |
| 08        | 8                         | 10         | .5000-28 UNEF         | .700  | 17.78 | .726  | 18.44 | .30      | 7.62  | .307  | 7.80  | .688   | 17.48 |
| 09        | 9                         | 11         | .5625-24 UNEF         | .758  | 19.25 | .726  | 18.44 | .30      | 7.62  | .307  | 7.80  | .750   | 19.05 |
| 10        | 10                        | 12         | .6250-24 UNEF         | .819  | 20.80 | .885  | 22.48 | .36      | 9.14  | .369  | 9.37  | .750   | 19.05 |
| 12        | 11/12/13                  | 13         | .6875-24 UNEF         | .896  | 22.76 | .952  | 24.18 | .42      | 10.67 | .432  | 10.97 | .750   | 19.05 |
| 13        | N/A                       | 15         | .750-20 UNEF          | .930  | 23.62 | .952  | 24.18 | .42      | 10.67 | .432  | 10.97 | .750   | 19.05 |
| 14        | 14/15/16/17               | 18/19      | .9375-20 UNEF         | 1.137 | 28.88 | 1.018 | 25.86 | .48      | 12.19 | .494  | 12.55 | .750   | 19.05 |
| 15        | 14/15/16/17               | 18/19      | .9375-20 UNEF         | 1.137 | 28.88 | 1.148 | 29.16 | .61      | 15.49 | .619  | 15.72 | .750   | 19.05 |
| 16        | 19                        | 21         | 1.0625-18 UNEF        | 1.230 | 31.24 | 1.273 | 32.33 | .73      | 18.54 | .744  | 18.90 | .750   | 19.05 |
| 17        | 21                        | 23         | 1.1875-18 UNEF        | 1.387 |       | 1.400 | 35.56 | .86      | 21.84 | .869  | 22.07 | .750   | 19.05 |

**620MS064 Symbol S Dimensions**

| Size Code | Shell Size Ref            |            | A Thread<br>Class -2B | B Max. |       | C Dia. |       | D Dia. |       | E Dia. Closed |       | L Max |       |
|-----------|---------------------------|------------|-----------------------|--------|-------|--------|-------|--------|-------|---------------|-------|-------|-------|
|           | Series 800, 801, 803, 804 | Series 805 |                       | In.    | mm.   | In.    | mm.   | In.    | mm.   | In.           | mm.   | In.   | mm.   |
| 05        | 5                         | N/A        | .2500-32 UNEF         | .350   | 8.89  | .119   | 3.02  | .496   | 12.60 | .11           | 2.79  | .625  | 15.88 |
| 06        | 6                         | N/A        | .3125-32 UNEF         | .415   | 10.54 | .182   | 4.62  | .582   | 14.78 | .17           | 4.32  | .625  | 15.88 |
| 11        | N/A                       | 8          | .375-32 UNEF          | .465   | 11.81 | .182   | 4.62  | .582   | 14.78 | .17           | 4.32  | .625  | 15.88 |
| 07        | 7                         | 9          | .4375-28 UNEF         | .530   | 13.46 | .244   | 6.20  | .656   | 16.66 | .23           | 5.08  | .688  | 17.48 |
| 08        | 8                         | 10         | .5000-28 UNEF         | .595   | 15.11 | .307   | 7.80  | .726   | 18.44 | .30           | 7.62  | .688  | 17.48 |
| 09        | 9                         | 11         | .5625-24 UNEF         | .650   | 16.51 | .307   | 7.80  | .726   | 18.44 | .30           | 7.62  | .750  | 19.05 |
| 10        | 10                        | 12         | .6250-24 UNEF         | .715   | 18.16 | .369   | 9.37  | .885   | 22.48 | .36           | 9.14  | .875  | 22.23 |
| 12        | 11/12/13                  | 13         | .6875-24 UNEF         | .785   | 19.94 | .432   | 10.97 | .952   | 24.18 | .42           | 10.67 | .875  | 22.23 |
| 13        | N/A                       | 15         | .750-20 UNEF          | .830   | 21.08 | .432   | 10.97 | .952   | 24.18 | .42           | 10.67 | .875  | 22.23 |
| 14        | 14/15/16/17               | 18/19      | .9375-20 UNEF         | 1.020  | 25.91 | .494   | 12.55 | 1.018  | 25.86 | .48           | 12.19 | 1.000 | 25.40 |
| 15        | 14/15/16/17               | 18/19      | .9375-20 UNEF         | 1.020  | 25.91 | .619   | 15.72 | 1.148  | 29.16 | .61           | 15.49 | 1.000 | 25.40 |
| 16        | 19                        | 21         | 1.0625-18 UNEF        | 1.155  | 29.34 | .744   | 18.90 | 1.273  | 32.33 | .73           | 18.54 | 1.000 | 25.40 |
| 17        | 21                        | 23         | 1.1875-18 UNEF        | 1.280  | 32.51 | .869   | 22.07 | 1.400  | 35.56 | .86           | 21.84 | 1.125 | 28.58 |

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