

# 440-063 EMI/RFI Crimp Ring Adapter Rotatable Coupling - Standard Profile

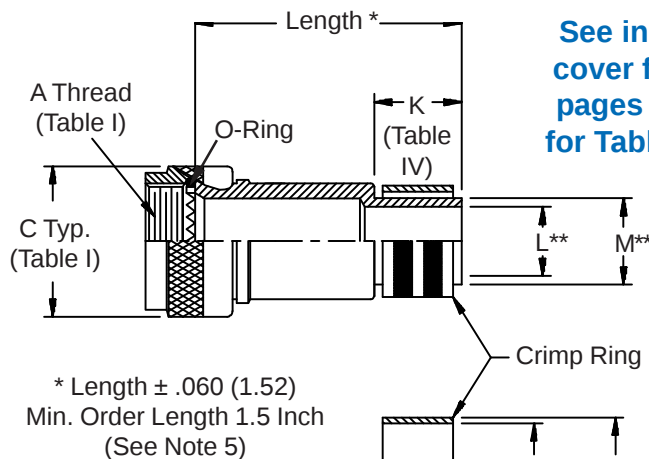
## CONNECTOR DESIGNATORS **A-F-H-L-S** ROTATABLE COUPLING

Product Series — 440 F S 063 M 16 32-6  
 Connector Designator —  
 Angle and Profile —  
     H = 45°  
     J = 90°  
     S = Straight  
 Basic Part No. —  
 Length: S only  
     (1/2 inch increments:  
     e.g. 6 = 3 inches)  
 Cable Entry (Table IV)  
 Shell Size (Table I)  
 Finish (Table II)

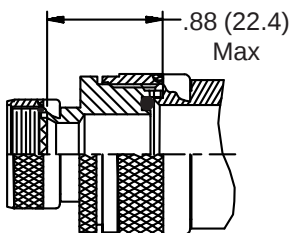
Length  $\pm .060$  (1.52)  
 Min. Order Length 2.0 inch  
 (See Note 5)



**STYLE 2  
(STRAIGHT  
See Note 1)**



See inside back  
cover fold-out or  
pages 13 and 14  
for Tables I and II.



**STYLE 2  
(45° & 90°  
See Note 1)**



**-445**

Add "-445" to Specify Glenair's Non-Detent,  
("NESTOR") Spring-Loaded, Self-Locking Coupling.  
See Page 41 for Details.

Metric dimensions (mm) are indicated in parentheses.

**440-063**  
**EMI/RFI Crimp Ring Adapter**  
**Rotatable Coupling - Standard Profile**



440

**TABLE III: ELBOW DIMENSIONS**

| Shell Size   |    | E           |  | F            |  | G            |  | H            |  |
|--------------|----|-------------|--|--------------|--|--------------|--|--------------|--|
| Conn. Desig. |    | Max         |  | Max          |  | Max          |  | Max          |  |
| A-F-L-S      | H  |             |  |              |  |              |  |              |  |
| 08           | 09 | .639 (16.2) |  | .702 (17.8)  |  | .750 (19.1)  |  | .812 (20.6)  |  |
| 10           | 11 | .664 (16.9) |  | .732 (18.6)  |  | .812 (20.6)  |  | .875 (22.2)  |  |
| 12           | 13 | .688 (17.5) |  | 1.040 (26.4) |  | .875 (22.2)  |  | 1.220 (31.0) |  |
| 14           | 15 | .705 (17.9) |  | 1.070 (27.2) |  | .920 (23.4)  |  | 1.290 (32.8) |  |
| 16           | 17 | .732 (18.6) |  | 1.090 (27.7) |  | .980 (24.9)  |  | 1.350 (34.3) |  |
| 18           | 19 | .748 (19.0) |  | 1.100 (27.9) |  | 1.020 (25.9) |  | 1.370 (34.8) |  |
| 20           | 21 | .773 (19.6) |  | 1.120 (28.4) |  | 1.080 (27.4) |  | 1.430 (36.3) |  |
| 22           | 23 | .800 (20.3) |  | 1.160 (29.5) |  | 1.140 (29.0) |  | 1.510 (38.4) |  |
| 24           | 25 | .823 (20.9) |  | 1.190 (30.2) |  | 1.200 (30.5) |  | 1.580 (40.1) |  |

1. When maximum cable entry (page 21) is exceeded, Style 2 will be supplied. Dimensions E, F, G and H will not apply. Please consult factory.
2. For proper installation of crimp ring, use Thomas & Betts (or equivalent) installation dies listed (Table IV) for each dash no.
3. Dimensions shown are not intended for inspection criteria.
4. Consult factory for shorter lengths on straight backshells.
5. Interface O-Ring not supplied with Connector Designator A.

**TABLE IV: CABLE ENTRY**

| Dash No. | K Nom       | L Nom        | M Nom        | N Nom       | P Nom        | R Nom        | Color Code (Ref.) | Inst. Tool Die No. (Note 2) |
|----------|-------------|--------------|--------------|-------------|--------------|--------------|-------------------|-----------------------------|
| 06       | .312 (7.9)  | .090 (2.3)   | .113 (2.9)   | .250 (6.4)  | .156 (4.0)   | .194 (4.9)   | Yellow            | WT402                       |
| 10       | .312 (7.9)  | .124 (3.1)   | .145 (3.7)   | .250 (6.4)  | .187 (4.7)   | .227 (5.8)   | Orange            | WT406                       |
| 13       | .312 (7.9)  | .149 (3.8)   | .179 (4.5)   | .250 (6.4)  | .225 (5.7)   | .256 (6.5)   | Purple            | WT409                       |
| 16       | .312 (7.9)  | .175 (4.4)   | .215 (5.5)   | .250 (6.4)  | .261 (6.6)   | .297 (7.5)   | Yellow            | WT411                       |
| 20       | .312 (7.9)  | .219 (5.6)   | .250 (6.4)   | .250 (6.4)  | .297 (7.5)   | .335 (8.5)   | Green             | WT414                       |
| 23       | .312 (7.9)  | .250 (6.4)   | .281 (7.1)   | .250 (6.4)  | .327 (8.3)   | .372 (9.4)   | Tin               | WT416                       |
| 26       | .312 (7.9)  | .275 (7.0)   | .306 (7.8)   | .250 (6.4)  | .375 (9.5)   | .406 (10.3)  | Yellow            | WT440/5451                  |
| 29       | .312 (7.9)  | .297 (7.5)   | .335 (8.5)   | .250 (6.4)  | .405 (10.3)  | .453 (11.5)  | Red               | WT440/5452                  |
| 30       | .312 (7.9)  | .312 (7.9)   | .365 (9.3)   | .250 (6.4)  | .425 (10.8)  | .473 (12.0)  | Tin               | WT440/5454                  |
| 31       | .312 (7.9)  | .375 (9.5)   | .406 (10.3)  | .250 (6.4)  | .500 (12.7)  | .560 (14.2)  | Green             | WT440/5457                  |
| 32       | .600 (15.2) | .430 (10.9)  | .500 (12.7)  | .440 (11.2) | .590 (15.0)  | .670 (17.0)  | Red               | GS590                       |
| 33       | .600 (15.2) | .550 (14.0)  | .620 (15.7)  | .440 (11.2) | .710 (18.0)  | .790 (20.1)  | Blue              | GS710                       |
| 34       | .600 (15.2) | .670 (17.0)  | .750 (19.1)  | .440 (11.2) | .840 (21.3)  | .920 (23.4)  | Gray              | GS840                       |
| 35       | .600 (15.2) | .810 (20.6)  | .880 (22.4)  | .440 (11.2) | 1.010 (25.7) | 1.090 (27.7) | Brown             | GS1010                      |
| 36       | .600 (15.2) | .920 (23.4)  | 1.000 (25.4) | .440 (11.2) | 1.130 (28.7) | 1.210 (30.7) | Green             | GS1130                      |
| 38       | .600 (15.2) | 1.040 (26.4) | 1.120 (28.4) | .440 (11.2) | 1.250 (31.8) | 1.330 (33.8) | Pink              | GS1250                      |
| 39       | .600 (15.2) | 1.122 (28.5) | 1.192 (30.3) | .440 (11.2) | 1.332 (33.8) | 1.412 (35.9) | Orange            | GS1332                      |
| 40       | .600 (15.2) | 1.224 (31.1) | 1.294 (32.9) | .440 (11.2) | 1.440 (36.6) | 1.520 (38.6) | Purple            | GS1440                      |
| 41       | .600 (15.2) | 1.353 (34.4) | 1.423 (36.1) | .440 (11.2) | 1.562 (39.7) | 1.643 (41.7) | Yellow            | GS1563                      |
| 42       | .600 (15.2) | 1.425 (36.2) | 1.545 (39.2) | .440 (11.2) | 1.670 (42.4) | 1.750 (44.5) | Red               | GS1670                      |
| 43       | .600 (15.2) | 1.550 (39.4) | 1.670 (42.4) | .440 (11.2) | 1.795 (45.6) | 1.875 (47.6) | Blue              | GS1795                      |
| 44       | .600 (15.2) | 1.675 (42.5) | 1.795 (45.6) | .440 (11.2) | 1.920 (48.8) | 2.000 (50.8) | Gray              | GS1920                      |
| 45       | .600 (15.2) | 1.800 (45.7) | 1.920 (48.8) | .440 (11.2) | 2.045 (51.9) | 2.125 (54.0) | Brown             | GS2045                      |
| 46       | .600 (15.2) | 1.925 (48.9) | 2.045 (51.9) | .440 (11.2) | 2.170 (55.1) | 2.250 (57.2) | Green             | GS2170                      |
| 47       | .600 (15.2) | 2.050 (52.1) | 2.170 (55.1) | .440 (11.2) | 2.295 (58.3) | 2.375 (60.3) | Pink              | GS2295                      |
| 48       | .600 (15.2) | 2.175 (55.2) | 2.295 (58.3) | .440 (11.2) | 2.420 (61.5) | 2.500 (63.5) | Orange            | GS2420                      |
| 49       | .600 (15.2) | 2.300 (58.4) | 2.420 (61.5) | .440 (11.2) | 2.545 (64.6) | 2.625 (66.7) | Purple            | GS2545                      |
| 50       | .600 (15.2) | 2.425 (61.6) | 2.545 (64.6) | .440 (11.2) | 2.670 (67.8) | 2.750 (69.9) | Yellow            | GS2670                      |
| 51       | .600 (15.2) | 2.530 (64.3) | 2.670 (67.8) | .440 (11.2) | 2.795 (71.0) | 2.875 (73.0) | Red               | GS2795                      |
| 52       | .600 (15.2) | 2.655 (67.4) | 2.795 (71.0) | .440 (11.2) | 2.920 (74.2) | 3.000 (76.2) | Blue              | GS2920                      |
| 53       | .600 (15.2) | 2.780 (70.6) | 2.920 (74.2) | .440 (11.2) | 3.045 (77.3) | 3.125 (79.4) | Gray              | GS3045                      |
| 54       | .600 (15.2) | 2.905 (73.8) | 3.045 (77.3) | .440 (11.2) | 3.170 (80.5) | 3.250 (82.6) | Brown             | GS3170                      |

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