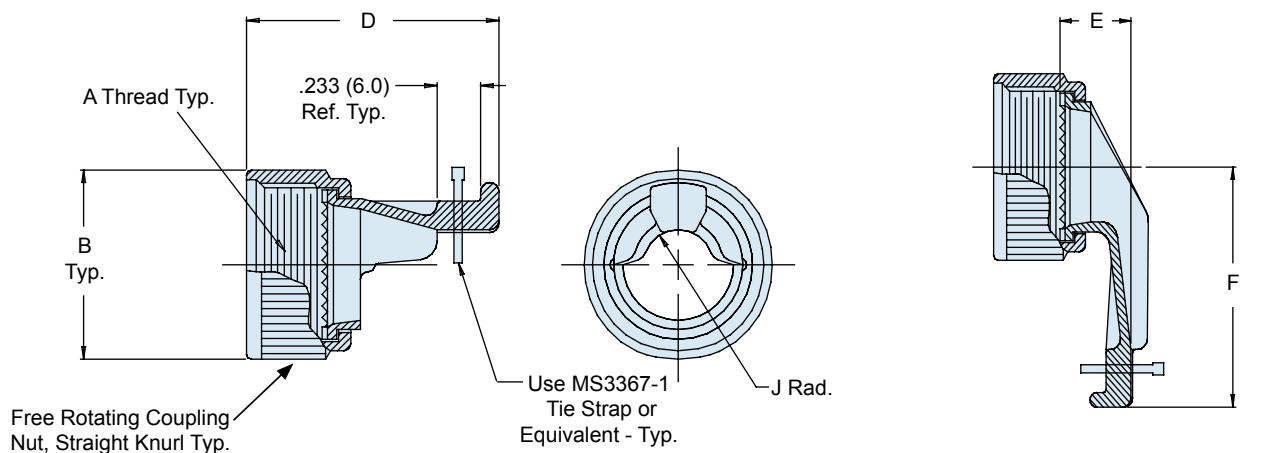
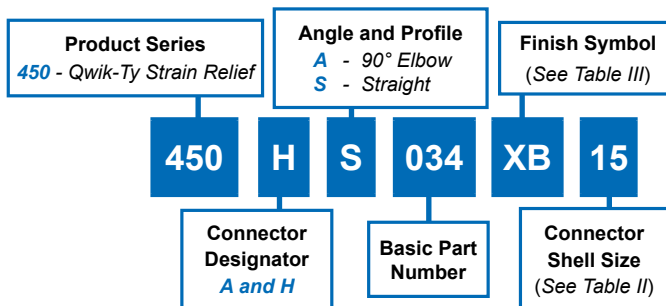


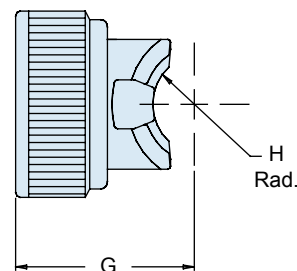
# 450-034

## Composite Qwik-Ty® Strain-Relief with Free-Rotating Coupling 90° and 45°

A

**CONNECTOR DESIGNATOR:****A** MIL-DTL-5015, -26482 Series II, and  
-83723 Series I and III**H** MIL-DTL-38999 Series III and IV**ROTATABLE COUPLING****LOW PROFILE****NOTES**

1. Metric dimensions (mm) are in parenthesis and are for reference only.
2. See Table I in Intro for front-end dimensional details.



**450-034**  
**Composite Qwik-Ty® Strain-Relief**  
**with Free-Rotating Coupling**  
**90° and 45°**



**TABLE II: CONNECTOR SHELL SIZE & CABLE ENTRY**

| Shell Size* |    | B Dia<br>Max | D<br>Max     | E<br>Max    | F<br>Max     |
|-------------|----|--------------|--------------|-------------|--------------|
| A           | H  |              |              |             |              |
| 08          | 09 | .640 (16.3)  | 1.107 (28.1) | .472 (12.0) | .886 (22.5)  |
| 10          | 11 | .765 (19.4)  | 1.107 (28.1) | .472 (12.0) | .945 (24.0)  |
| 12          | 13 | .890 (22.6)  | 1.166 (29.6) | .492 (12.5) | 1.004 (25.5) |
| 14          | 15 | 1.015 (25.8) | 1.268 (32.2) | .492 (12.5) | 1.319 (33.5) |
| 16          | 17 | 1.140 (29.0) | 1.270 (32.3) | .452 (11.5) | 1.378 (35.0) |
| 18          | 19 | 1.265 (32.1) | 1.418 (36.0) | .492 (12.5) | 1.476 (37.5) |
| 20          | 21 | 1.390 (35.3) | 1.548 (39.3) | .472 (12.0) | 1.515 (38.5) |
| 22          | 23 | 1.454 (36.9) | 1.666 (42.3) | .472 (12.0) | 1.575 (40.0) |
| 24          | 25 | 1.594 (40.5) | 1.796 (45.6) | .472 (12.0) | 1.653 (42.0) |

\* Even Number Shell Size, Code A  
 Odd Number Shell Size, Code H

**TABLE II: CONNECTOR SHELL SIZE & CABLE ENTRY (CONT.)**

| Shell<br>Size* | G<br>Max     | H Rad.<br>Max | J Rad.<br>Max | Weight In Grams |     |
|----------------|--------------|---------------|---------------|-----------------|-----|
|                |              |               |               | Straight        | 90° |
| 08/09          | .945 (24.0)  | .197 (5.0)    | .098 (2.5)    | 1.8             | 1.9 |
| 10/11          | .945 (24.0)  | .197 (5.0)    | .138 (3.5)    | 2.3             | 2.6 |
| 12/13          | .945 (24.0)  | .197 (5.0)    | .157 (4.0)    | 2.9             | 3.2 |
| 14/15          | 1.023 (26.0) | .275 (7.0)    | .197 (5.0)    | 3.3             | 3.8 |
| 16/17          | 1.023 (26.0) | .295 (7.5)    | .236 (6.0)    | 3.9             | 4.6 |
| 18/19          | 1.102 (28.0) | .335 (8.5)    | .295 (7.5)    | 5.1             | 5.7 |
| 20/21          | 1.161 (29.5) | .394 (10.0)   | .295 (7.5)    | 5.8             | 6.4 |
| 22/23          | 1.161 (29.5) | .394 (10.0)   | .335 (8.5)    | 7.0             | 7.4 |
| 24/25          | 1.319 (33.5) | .551 (14.0)   | .374 (9.5)    | 8.6             | 9.3 |

**TABLE III: FINISH**

| Symbol | Finish Description                                  |
|--------|-----------------------------------------------------|
| XB     | No Plating - Black Material (Non-Conductive Finish) |
| XO     | No Plating - Brown Material (Non-Conductive Finish) |