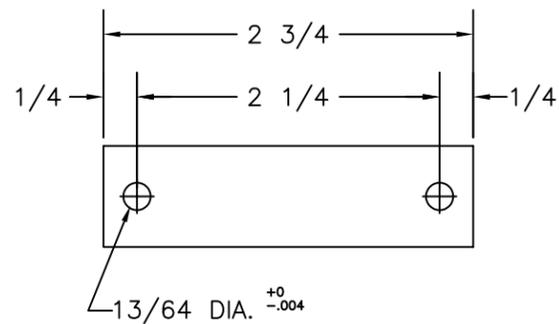
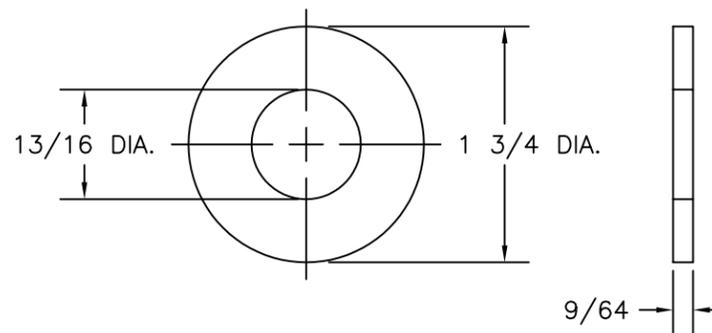


SWINGBOLT ASSEMBLY



④ CLEVIS PIN



③ WASHER

BILL OF MATERIALS

| ITEM NO. | NO. REQ. | DESCRIPTION | MATL.        | REMARKS                        |
|----------|----------|-------------|--------------|--------------------------------|
| 1        | 1        | SWINGBOLT   | STAIN. STEEL | 3/4-10 UNC - 2A                |
| 2        | 1        | HEX NUT     | STAIN. STEEL | 3/4-10 UNC - 2B                |
| 3        | 1        | WASHER      | STAIN. STEEL | 3/4 NOMINAL TYPE A SEE NOTE 2  |
| 4        | 1        | CLEVIS PIN  | STAIN. STEEL | 3/4 DIA. x 2-3/4 LG.           |
| 5        | 2        | COTTER PIN  | STAIN. STEEL | 3/16 NOM.x1-1/4 LG. SEE NOTE 3 |

NOTES:

- MATERIAL SHALL BE TYPE 316 STAINLESS STEEL IN CONFORMANCE WITH THE LATEST REVISION OF ASTM A314. CERTIFICATION OF CONFORMANCE SHALL BE FURNISHED AT TIME OF DELIVERY.
- DIMENSIONS AND TOLERANCES FOR THE TYPE A WASHER SHALL BE IN CONFORMANCE WITH THE LATEST REVISION OF ANSI B18.22.1.
- DIMENSIONS AND TOLERANCES FOR THE COTTER PIN SHALL BE IN CONFORMANCE WITH THE LATEST REVISION OF ANSI B18.8.1.

|   |         |      |  |      |
|---|---------|------|--|------|
| G | 6-9-05  | S.M. | CHANGED NOTE 1 FROM ASTM A276 TO ASTM A314           | D.S. |
| F | 1-8-03  | S.M. | CORRECTED DIMENSION IN BILL OF MATERIALS FOR ITEM 5. | S.M. |
| E | 2-8-96  | S.M. | MODIFIED MATERIAL SPECIFICATION IN NOTE 1.           | S.M. |
| D | 6-20-95 | SW   | REORGANIZED DRAWING AND NOTES. MOD. TOLERANCES.      | S.M. |
| C | 3-20-91 | SW   | REDRAWN USING AUTOCAD.                               | S.M. |
| B | 2-22-88 | SW   | CHANGED SIZE OF ITEM 5, HOLE SPACING OF ITEM 4.      | W.D. |
| A | 6-16-87 | SW   | ADDED TOLERANCES.                                    | W.D. |

| REV.         | DATE             | APPR.     | DESCRIPTION                         | BY           |
|--------------|------------------|-----------|-------------------------------------|--------------|
| DESIGNED:    | R.B.             |           | U.S. COAST GUARD                    | HEADQUARTERS |
| DRAWN:       | W.D.             |           | CIVIL ENGINEERING                   |              |
| TRACED:      | S.M.             |           | SWINGBOLT AND CLEVIS PIN            |              |
| CHECKED:     |                  |           |                                     |              |
| REVIEWED BY: | S. McEvoy        |           |                                     |              |
|              | PROJECT ENGINEER |           |                                     |              |
| REVIEWED BY: | S.D. Walker      |           |                                     |              |
|              | G-ECV-3B         |           |                                     |              |
| REVIEWED BY: |                  | APPROVED: | D. H. DeBok                         | DATE         |
|              |                  |           | CHIEF OF CIVIL ENGINEERING DIVISION | 11/12/87     |

UNLESS OTHERWISE SPECIFIED:  
ALL DIMENSIONS ARE IN INCHES.  
TOLERANCES: DIM. ±1/8  
ANG. ±30'

| DRAWING NUMBER |              | REV. |
|----------------|--------------|------|
| 121102         |              | G    |
| SCALE: FULL    | SHEET 1 OF 1 |      |