

## SERIES 71 J and L

### Multi-Deck, Standard & Anti-Static

#### LOCK FEATURES

- Economical
- Standard or Anti-Static Style
- 5-Plates, 1-Sided Key

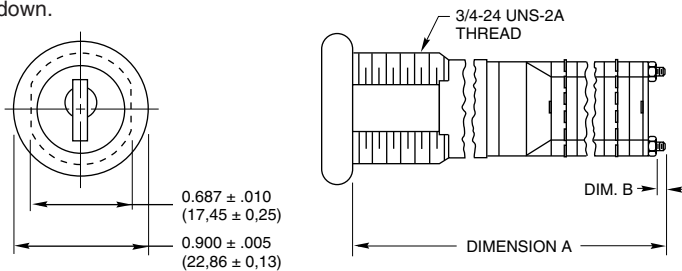
#### SWITCH FEATURES

- Economical
- 36° or 30° Throws
- Up to 16 Poles Per Switch
- 250 mA for 15,000 Cycles



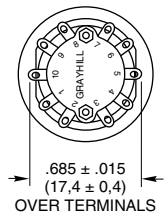
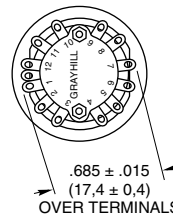
#### DIMENSIONS In inches (and millimeters)

Key slot shown in position 1.  
Key to be inserted with cut side down.



30°

36°



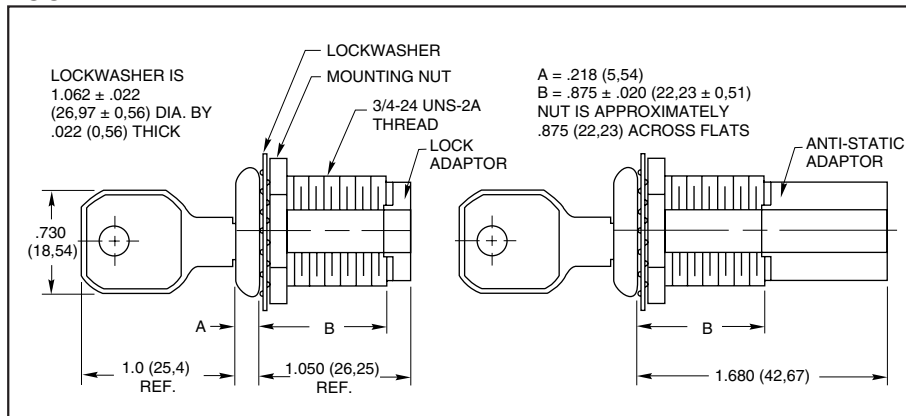
Note: Switch/key positions are not aligned with terminal positions.

| Number of decks          | 1     | 2     | 3     | 4     | 5     | 6     | 7      | 8      | 9      | 10     | 11     | 12     |
|--------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| Dim. A, Style J (in.)    | 2.441 | 2.659 | 2.877 | 3.095 | 3.313 | 3.811 | 4.029  | 4.247  | 4.465  | 4.683  | 4.901  | 5.119  |
| Dim. A, Style L (in.)    | 1.811 | 2.029 | 2.247 | 2.465 | 2.683 | 3.181 | 3.399  | 3.617  | 3.835  | 4.053  | 4.271  | 4.489  |
| Dim. B Style J & L (in.) | .031  | .031  | .031  | .031  | .031  | .312  | .312   | .312   | .312   | .312   | .312   | .312   |
| Dim. A, Style J (mm)     | 62,00 | 67,54 | 73,08 | 78,61 | 84,15 | 96,80 | 102,34 | 107,87 | 113,41 | 118,95 | 124,49 | 130,02 |
| Dim. A, Style L (mm)     | 46,00 | 51,54 | 57,07 | 62,61 | 68,15 | 80,80 | 86,33  | 91,87  | 97,41  | 102,95 | 108,48 | 114,02 |
| Dim. B Style J & L (mm)  | 0,79  | 0,79  | 0,79  | 0,79  | 0,79  | 7,92  | 7,92   | 7,92   | 7,92   | 7,92   | 7,92   | 7,92   |

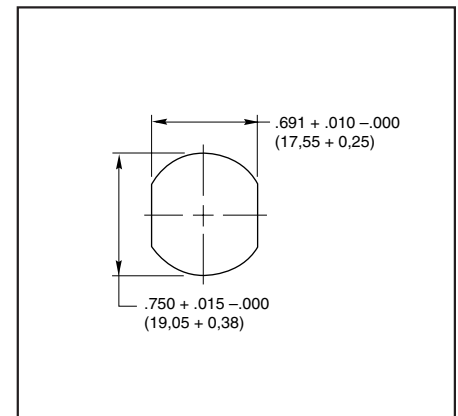
For switch specifications and additional dimensions, see Standard Switch Pages.

Grayhill part number and date code marked on label.  
Customer part number marked on request.

#### LOCK DETAIL



#### RECOMMENDED PANEL CUT



## CHOICES

| Style                     | Description                                       | Angle of Throw | No. Of Decks | Poles/ Deck | Positions Per Pole | Shorting or Non-Shrtg. |
|---------------------------|---------------------------------------------------|----------------|--------------|-------------|--------------------|------------------------|
| <b>Series 71 Switches</b> |                                                   |                |              |             |                    |                        |
| L<br>J                    | Standard, Solder Lugs<br>Anti-static, Solder Lugs | 30°            | 01 to 12     | 1           | 02 to 12*          | N or S                 |
|                           |                                                   |                | 01 to 08     | 2           | 02 to 06           | N or S                 |
|                           |                                                   |                | 01 to 05     | 3           | 02 to 03           | N or S                 |
|                           |                                                   |                | 01 to 04     | 4           | 02 to 03           | N or S                 |
|                           |                                                   |                | 01 to 03     | 5           | 02                 | N or S                 |
|                           |                                                   |                | 01 or 02     | 6           | 02                 | N or S                 |
|                           |                                                   | 36°            | 01 to 12     | 1           | 02 to 10*          | N or S                 |
|                           |                                                   |                | 01 to 08     | 2           | 02 to 05           | N or S                 |
|                           |                                                   |                |              |             |                    |                        |
|                           |                                                   |                |              |             |                    |                        |

\*For single pole switches with maximum positions, specify continuous rotation or fixed stop when ordering.

## LOCK SPECIFICATIONS

**Mounting:** By bushing, nut and lockwasher  
**Static Voltages:** Anti-static style withstands 15,000 Vdc  
**Keying:** All locks have identical keys unless specially ordered otherwise

### Key Removal

30° Throw: Position 1 and 180°  
 Special key removal: Every 90°

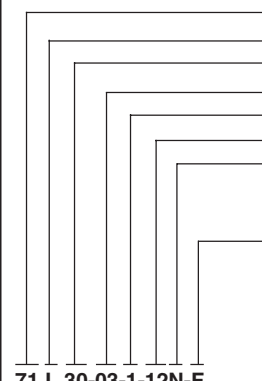
36° Throw: All positions  
 Special key removal: Position 1 only

**Orientation of Keylock Switch:** Bushing flats are on both sides of the mounting thread with the key upright in the first position with cut side down.

## LOCK MATERIALS & FINISHES

**Keys:** Brass; 2 supplied  
**Lock Bezel:** Stainless steel  
**Lock Barrel & Plug:** Zinc treated with chromate  
**Lock Adaptor/Extension:** Thermoplastic

## ORDERING INFORMATION



**Series**  
**Style Letter:** L for standard; J for anti-static  
**Angle of Throw:** 30 or 36  
**Number of Decks:** 01 thru 12 (per Choices chart)  
**Poles per Deck:** 1 thru 6 (per Choices chart)  
**Positions per Pole:** 02 thru 12 (per Choices chart)  
**Type of Contacts:**  
     N = Non-shorting  
     S = Shorting  
**Stop Arrangement Suffix:**  
     (needed only for 1-pole switches with maximum positions)  
     F = Fixed stop between last and first positions  
     \*Leave blank for continuous rotation

**71 L 30-03-1-12N-F**

## STANDARD SWITCH PAGES

For additional switch dimensions, ratings, circuitry, and specifications, see Series 71. Switches beginning on page J-31.

**Available from your local Grayhill Distributor.**  
 For prices and discounts, contact a local Sales Office, an authorized local Distributor or Grayhill.