

## 3300 SERIES SINGLE ACTION SPRING HINGES RETAIL BOX PACK



3-1/2" x 3-12"  
5/8" RADIUS



4" x 4"  
1/4" RADIUS



4-1/2" x 4"  
SQUARE



### 3311 SERIES 1/4" RADIUS CORNER



#### 1/4" RADIUS SINGLE ACTION SPRING HINGES

|                                            | C3<br>POLISHED<br>BRASS | C4<br>DULL<br>BRASS | C15<br>SATIN<br>NICKEL | C17A<br>ANTIQU<br>NICKEL | C26<br>POLISHED<br>CHROME | C26D<br>SATIN<br>CHROME | CASE<br>PACK<br>(PIECES) |
|--------------------------------------------|-------------------------|---------------------|------------------------|--------------------------|---------------------------|-------------------------|--------------------------|
| SINGLE ACTION SPRING HINGE 3-1/2" x 3-1/2" |                         | 25-3311DBB          |                        |                          |                           | 25-3311DCB              | 40                       |
| SINGLE ACTION SPRING HINGE 4" x 4"         |                         | 25-3311DBC          |                        |                          |                           | 25-3311DCC              | 40                       |

### 3312 SERIES 5/8" RADIUS CORNER



#### 5/8" RADIUS SINGLE ACTION SPRING HINGES

|                                            |  |            |  |  |  |            |    |
|--------------------------------------------|--|------------|--|--|--|------------|----|
| SINGLE ACTION SPRING HINGE 3-1/2" x 3-1/2" |  | 25-3312DBB |  |  |  | 25-3312DCB | 40 |
| SINGLE ACTION SPRING HINGE 4" x 4"         |  | 25-3312DBC |  |  |  | 25-3312DCC | 40 |

### 3310 SERIES SQUARE CORNER



#### SQUARE CORNER SINGLE ACTION SPRING HINGES

|                                            |            |            |           |            |            |            |    |
|--------------------------------------------|------------|------------|-----------|------------|------------|------------|----|
| SINGLE ACTION SPRING HINGE 3-1/2" x 3-1/2" |            | 25-3310DBB |           |            |            | 25-3310DCB | 40 |
| SINGLE ACTION SPRING HINGE 4" x 4"         |            | 25-3310DBC |           |            |            | 25-3310DCC | 40 |
| SINGLE ACTION SPRING HINGE 4-1/2" x 4"     | 25-3310PBD | 25-3310DBD | 25-3310ND | 25-3310AND | 25-3310CHD | 25-3310DCD | 40 |

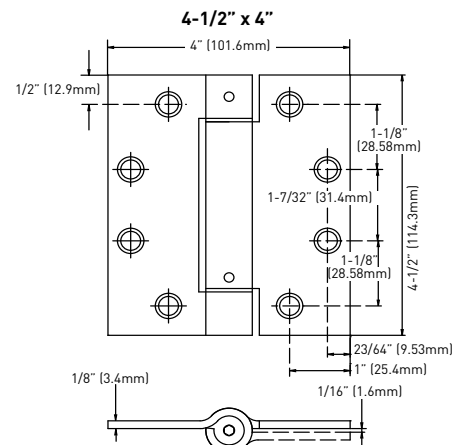
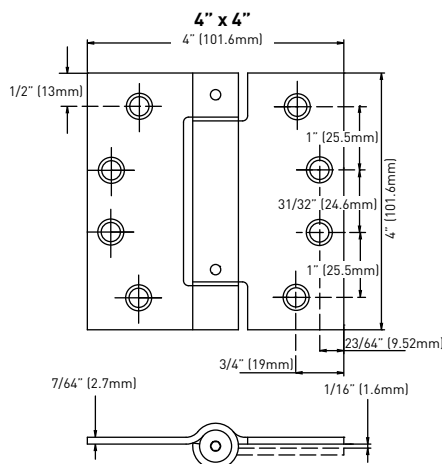
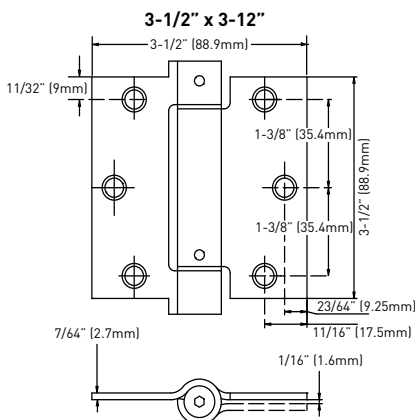
| 3300<br>SERIES      | RECOMMENDED<br>MAXIMUM DOOR<br>WEIGHT (LBS.) | SPRING<br>HINGES        |
|---------------------|----------------------------------------------|-------------------------|
| 3-1/2" FULL MORTISE | 50<br>70<br>80                               | 2 EA.<br>2 EA.<br>3 EA. |
| 4" FULL MORTISE     | 60<br>85<br>100                              | 2 EA.<br>2 EA.<br>3 EA. |
| 4-1/2" FULL MORTISE | 70<br>90<br>120                              | 2 EA.<br>2 EA.<br>3 EA. |

#### MAXIMUM DOOR SIZE

**LABELLED DOORS** - MAXIMUM DOOR SIZE AND NUMBER OF HINGES IS BASED ON LIMITS SET BY NFPA - STANDARD #80 (2 SPRING HINGES MINIMUM). THESE HINGES ARE LISTED BY U.L. & C.U.L. FOR FIRE RATED OPENINGS UP TO AND INCLUDING 3 HOUR, "A" LABEL OPENINGS. MAXIMUM DOOR SIZE IS 3'7" x 1'-3/4".

**NON-LABELLED DOORS** - MAXIMUM DOOR WIDTH - 4'. FOR DOORS OVER 7'6" IN HEIGHT, USE AN ADDITIONAL HINGE FOR EACH ADDITIONAL 30" OF HEIGHT OR FRACTION THEREOF.

**NOTE** - WIND CONDITIONS, EXCESSIVE AIR PRESSURE ON ONE SIDE OF OPENING, OR OTHER ADVERSE CONDITIONS MAY REQUIRE THE USE OF ALL SPRING HINGES. FOR MAXIMUM VERSATILITY USE ALL SPRING HINGES. U.L. & U.L.C. LISTED SPRING HINGES ARE NOT AVAILABLE WITH REVERSE SPRING. FOR APPLICATIONS IN PRESSURIZED ENVIRONMENTS, USING ALL SPRING HINGES AT MAXIMUM TENSION SETTINGS MAY STILL NOT BE ENOUGH TO ENSURE FULL CLOSURE OF THE DOOR. CHECK THE SPECIFIC APPLICATION BEFORE INSTALLING IN PRESSURIZED STRUCTURES.



#### FEATURES

- C-UL LISTED FOR FIRE DOORS
- CONFORMS TO ANSI SPECIFICATIONS
- EASILY ADJUSTED SPRING TENSION
- 1 HINGE PACKAGE PER BOX