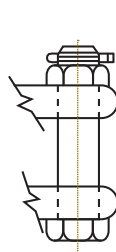
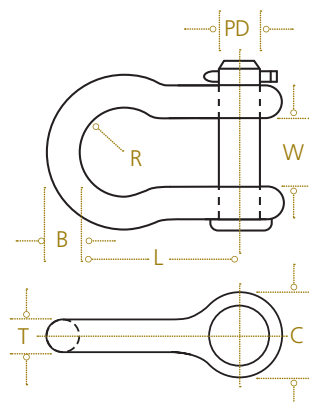


# Hardware Fittings — Forged Steel

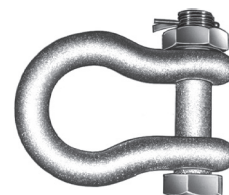
## Anchor Shackle

Anchor shackles are used to attach hardware to the tower pad. Back to back anchor shackles are commonly used at the tower attachment point to orient the plane of the tower plate and the balance of the insulator hardware.

**Material:** Body – galvanized steel  
Hardware – galvanized steel  
Cotter Pin – stainless steel



\* Type BNK



FORGED STEEL

AS

## Product Data

| Catalog Number           | Ultimate Strength lb (kN) | Dimensions Inches (mm)                 |                                       |                                       |                                        |                                       |                                        |                                       | Approx Wt Each lb (kg) |
|--------------------------|---------------------------|----------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------|---------------------------------------|----------------------------------------|---------------------------------------|------------------------|
|                          |                           | L                                      | B                                     | W                                     | C                                      | T                                     | R                                      | PD                                    |                        |
| AS25                     | 30,000 (133)              | 2 <sup>3</sup> / <sub>8</sub> (60.3)   | 5 <sup>8</sup> / <sub>16</sub> (15.9) | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 1 <sup>3</sup> / <sub>8</sub> (34.9)   | 1 <sup>1</sup> / <sub>2</sub> (12.7)  | 1 <sup>1</sup> / <sub>16</sub> (17.56) | 5 <sup>8</sup> / <sub>16</sub> (15.9) | .74 (.34)              |
| AS25BNK                  | 30,000 (133)              | 2 <sup>3</sup> / <sub>8</sub> (60.3)   | 5 <sup>8</sup> / <sub>16</sub> (15.9) | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 1 <sup>3</sup> / <sub>8</sub> (34.9)   | 1 <sup>1</sup> / <sub>2</sub> (12.7)  | 1 <sup>1</sup> / <sub>16</sub> (17.5)  | 5 <sup>8</sup> / <sub>16</sub> (15.9) | .86 (.39)              |
| AS25L                    | 30,000 (133)              | 2 <sup>25</sup> / <sub>32</sub> (70.6) | 5 <sup>8</sup> / <sub>16</sub> (15.9) | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 1 <sup>3</sup> / <sub>8</sub> (34.9)   | 1 <sup>1</sup> / <sub>2</sub> (12.7)  | 2 <sup>1</sup> / <sub>32</sub> (16.7)  | 5 <sup>8</sup> / <sub>16</sub> (15.9) | 1.00 (.45)             |
| AS25LBNK                 | 30,000 (133)              | 2 <sup>25</sup> / <sub>32</sub> (70.6) | 5 <sup>8</sup> / <sub>16</sub> (15.9) | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 1 <sup>3</sup> / <sub>8</sub> (34.9)   | 1 <sup>1</sup> / <sub>2</sub> (12.7)  | 2 <sup>1</sup> / <sub>32</sub> (16.7)  | 5 <sup>8</sup> / <sub>16</sub> (15.9) | 1.12 (.51)             |
| AS25WBNK                 | 30,000 (133)              | 3 (76.2)                               | 5 <sup>8</sup> / <sub>16</sub> (15.9) | 1 <sup>3</sup> / <sub>4</sub> (44.5)  | 1 <sup>11</sup> / <sub>16</sub> (42.9) | 5 <sup>8</sup> / <sub>16</sub> (15.9) | 1 (25.4)                               | 5 <sup>8</sup> / <sub>16</sub> (15.9) | 1.65 (.75)             |
| AS35                     | 35,000 (156)              | 2 <sup>25</sup> / <sub>32</sub> (70.6) | 1 <sup>1</sup> / <sub>16</sub> (17.5) | 1 <sup>1</sup> / <sub>16</sub> (27)   | 1 <sup>11</sup> / <sub>16</sub> (42.9) | 5 <sup>8</sup> / <sub>16</sub> (15.9) | 3 <sup>4</sup> / <sub>16</sub> (19.1)  | 3 <sup>4</sup> / <sub>16</sub> (19.1) | 1.47 (.67)             |
| AS35BNK                  | 40,000 (178)              | 2 <sup>25</sup> / <sub>32</sub> (70.6) | 1 <sup>1</sup> / <sub>16</sub> (17.5) | 1 <sup>1</sup> / <sub>16</sub> (27)   | 1 <sup>11</sup> / <sub>16</sub> (42.9) | 5 <sup>8</sup> / <sub>16</sub> (15.9) | 3 <sup>4</sup> / <sub>16</sub> (19.1)  | 3 <sup>4</sup> / <sub>16</sub> (19.1) | 1.66 (.75)             |
| AS50                     | 50,000 (222)              | 3 <sup>1</sup> / <sub>2</sub> (88.9)   | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 1 <sup>7</sup> / <sub>8</sub> (47.6)   | 3 <sup>4</sup> / <sub>16</sub> (19.1) | 3 <sup>4</sup> / <sub>16</sub> (19.1)  | 3 <sup>4</sup> / <sub>16</sub> (19.1) | 2.25 (1.02)            |
| AS50BNK                  | 60,000 (267)              | 3 <sup>1</sup> / <sub>2</sub> (88.9)   | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 1 <sup>7</sup> / <sub>8</sub> (47.6)   | 3 <sup>4</sup> / <sub>16</sub> (19.1) | 3 <sup>4</sup> / <sub>16</sub> (19.1)  | 3 <sup>4</sup> / <sub>16</sub> (19.1) | 2.44 (1.11)            |
| 970303001                | 60,000 (267)              | 5 (127)                                | 5 <sup>8</sup> / <sub>16</sub> (15.9) | 1 <sup>1</sup> / <sub>8</sub> (28.6)  | 1 <sup>7</sup> / <sub>8</sub> (47.6)   | 3 <sup>4</sup> / <sub>16</sub> (19.1) | 9 <sup>1</sup> / <sub>16</sub> (14.3)  | 3 <sup>4</sup> / <sub>16</sub> (19.1) | 2.4 (1.10)             |
| 970303002 <sup>(1)</sup> | 60,000 (267)              | 5 (127)                                | 5 <sup>8</sup> / <sub>16</sub> (15.9) | 1 <sup>1</sup> / <sub>8</sub> (28.6)  | 1 <sup>7</sup> / <sub>8</sub> (47.6)   | 3 <sup>4</sup> / <sub>16</sub> (19.1) | 9 <sup>1</sup> / <sub>16</sub> (14.3)  | 3 <sup>4</sup> / <sub>16</sub> (19.1) | 2.5 (1.13)             |
| AS50W                    | 50,000 (222)              | 3 <sup>1</sup> / <sub>2</sub> (88.9)   | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 1 <sup>1</sup> / <sub>4</sub> (31.8)  | 1 <sup>15</sup> / <sub>16</sub> (49.2) | 3 <sup>4</sup> / <sub>16</sub> (19.1) | 1 (25.4)                               | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 2.25 (1.02)            |
| AS50WBNK                 | 60,000 (267)              | 3 <sup>1</sup> / <sub>2</sub> (88.9)   | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 1 <sup>1</sup> / <sub>4</sub> (31.8)  | 1 <sup>15</sup> / <sub>16</sub> (49.2) | 3 <sup>4</sup> / <sub>16</sub> (19.1) | 1 (25.4)                               | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 2.75 (1.25)            |
| AS50WLBNK                | 60,000 (267)              | 5 (127)                                | 3 <sup>4</sup> / <sub>16</sub> (19.1) | 1.31 (33.3)                           | 1.87 (47.5)                            | 3 <sup>4</sup> / <sub>16</sub> (19.1) | 1 (25.4)                               | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 3.0 (1.36)             |
| AS60BNK                  | 80,000 (356)              | 3 <sup>3</sup> / <sub>4</sub> (95.3)   | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 1 <sup>7</sup> / <sub>16</sub> (36.5) | 2 <sup>1</sup> / <sub>8</sub> (54)     | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 1 <sup>1</sup> / <sub>8</sub> (28.6)   | 1 (25.4)                              | 4.31 (1.96)            |
| AS60875BNK               | 80,000 (356)              | 3 <sup>3</sup> / <sub>4</sub> (95.3)   | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 1 <sup>7</sup> / <sub>16</sub> (36.5) | 2 <sup>1</sup> / <sub>8</sub> (54)     | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 1 <sup>1</sup> / <sub>8</sub> (28.6)   | 7 <sup>8</sup> / <sub>16</sub> (22.2) | 4.10 (1.86)            |
| 974153001 <sup>(1)</sup> | 120,000 (534)             | 6 (152.4)                              | 1 (25.4)                              | 1 <sup>1</sup> / <sub>2</sub> (38.1)  | 2 <sup>3</sup> / <sub>8</sub> (60.3)   | 1 (25.4)                              | 1 <sup>1</sup> / <sub>16</sub> (27)    | 1 <sup>1</sup> / <sub>8</sub> (28.6)  | 6.20 (2.81)            |