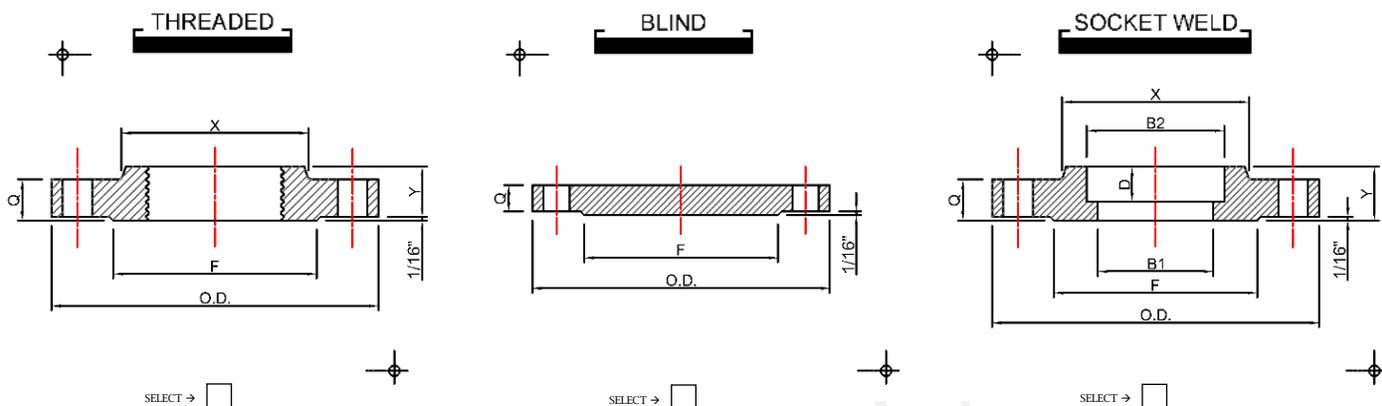


Project Name: \_\_\_\_\_

Job #: \_\_\_\_\_

# CLASS 1500# B16.5 FLANGES, A182

## THREADED ♣ BLIND ♠ SOCKET WELD



Grade:     T304L             T316L  
 Source:    Import             Domestic     BAA     AIS     \_\_\_\_\_  
 Face:       Raised Face     Flat Faced  
 Weldnecks & Socketwelds Only: Providing Schedule \_\_\_\_\_

## DIMENSIONS

UOM: Inches/LBS

| NOM. PIPE SIZE                 | MIN. THREAD LENGTH | RADIUS (R) LAP JOINT | DRILLING                |              |               | BOLTING       |                 |                               |            | APPROXIMATE WEIGHT EACH- POUNDS ± |                                  |           |       |      |
|--------------------------------|--------------------|----------------------|-------------------------|--------------|---------------|---------------|-----------------|-------------------------------|------------|-----------------------------------|----------------------------------|-----------|-------|------|
|                                |                    |                      | DIAMETER OF BOLT CIRCLE | NO. OF HOLES | DIA. OF HOLES | DIA. OF BOLTS | STUB BOT LENGTH |                               |            | WELDING NECK                      | SLIP-ON SOCKET WELD AND THREADED | LAP JOINT | BLIND |      |
|                                |                    |                      |                         |              |               |               | 25° Raised Face | Male & Female Tongue & Groove | Ring Joint |                                   |                                  |           |       |      |
| <input type="checkbox"/> 1/2   | 0.88               | 0.12                 | 3.25                    | 4            | 0.88          | 3/4           | 4.25            | 4.00                          | 4.25       | 1/2                               | 5                                | 4         | 4     | 4    |
| <input type="checkbox"/> 3/4   | 1.00               | 0.12                 | 3.50                    | 4            | 0.88          | 3/4           | 4.50            | 4.25                          | 4.50       | 3/4                               | 6                                | 5         | 5     | 5    |
| <input type="checkbox"/> 1     | 1.12               | 0.12                 | 4.00                    | 4            | 1.00          | 7/8           | 5.00            | 4.75                          | 5.00       | 1                                 | 9                                | 8         | 8     | 8    |
| <input type="checkbox"/> 1 1/4 | 1.19               | 0.19                 | 4.38                    | 4            | 1.00          | 7/8           | 5.00            | 4.75                          | 5.00       | 1 1/4                             | 10                               | 9         | 9     | 9    |
| <input type="checkbox"/> 1 1/2 | 1.25               | 0.25                 | 4.88                    | 4            | 1.12          | 1             | 5.50            | 5.25                          | 5.50       | 1 1/2                             | 13                               | 12        | 12    | 13   |
| <input type="checkbox"/> 2     | 1.50               | 0.31                 | 6.50                    | 8            | 1.00          | 7/8           | 5.75            | 5.50                          | 5.75       | 2                                 | 25                               | 25        | 25    | 25   |
| <input type="checkbox"/> 2 1/2 | 1.88               | 0.31                 | 7.50                    | 8            | 1.12          | 1             | 6.25            | 6.00                          | 6.25       | 2 1/2                             | 36                               | 36        | 35    | 35   |
| <input type="checkbox"/> 3     | 2.00               | 0.38                 | 8.00                    | 8            | 1.25          | 1 1/8         | 7.00            | 6.75                          | 7.00       | 3                                 | 48                               | 48        | 47    | 48   |
| <input type="checkbox"/> 4     | 2.25               | 0.44                 | 9.25                    | 8            | 1.38          | 1 1/4         | 7.75            | 7.50                          | 7.75       | 4                                 | 73                               | 73        | 75    | 73   |
| <input type="checkbox"/> 5     | 2.50               | 0.44                 | 11.50                   | 8            | 1.62          | 1 1/2         | 9.75            | 9.50                          | 9.75       | 5                                 | 130                              | 130       | 140   | 140  |
| <input type="checkbox"/> 6     | 2.75               | 0.50                 | 12.50                   | 12           | 1.50          | 1 3/8         | 10.25           | 10.00                         | 10.50      | 6                                 | 165                              | 165       | 170   | 160  |
| <input type="checkbox"/> 8     | 3.00               | 0.50                 | 15.50                   | 12           | 1.75          | 1 5/8         | 11.50           | 11.25                         | 12.00      | 8                                 | 275                              | 260       | 285   | 300  |
| <input type="checkbox"/> 10    | 3.31               | 0.50                 | 19.00                   | 12           | 2.00          | 1 7/8         | 13.25           | 13.00                         | 13.75      | 10                                | 455                              | 435       | 485   | 510  |
| <input type="checkbox"/> 12    | 3.62               | 0.50                 | 22.50                   | 16           | 2.12          | 2             | 14.75           | 14.50                         | 15.50      | 12                                | 690                              | 580       | 630   | 690  |
| <input type="checkbox"/> 14    | -----              | 0.50                 | 25.00                   | 16           | 2.38          | 2 1/4         | 16.00           | 15.75                         | 17.00      | 14                                | 940                              | -----     | 890   | 975  |
| <input type="checkbox"/> 16    | -----              | 0.50                 | 27.75                   | 16           | 2.62          | 2 1/2         | 17.50           | 17.25                         | 18.50      | 16                                | 1250                             | -----     | 1150  | 1300 |
| <input type="checkbox"/> 18    | -----              | 0.50                 | 30.50                   | 16           | 2.88          | 2 3/4         | 19.50           | 19.00                         | 20.50      | 18                                | 1625                             | -----     | 1475  | 1750 |
| <input type="checkbox"/> 20    | -----              | 0.50                 | 32.75                   | 16           | 3.12          | 3             | 21.50           | 21.00                         | 22.50      | 20                                | 2050                             | -----     | 1775  | 2225 |
| <input type="checkbox"/> 24    | -----              | 0.50                 | 39.00                   | 16           | 3.62          | 3 1/2         | 24.50           | 24.00                         | 25.75      | 24                                | 3325                             | -----     | 2825  | 3625 |

Forged Stainless Steel Material conforms to ASME A182  
 Forged Stainless Steel Flange Dimensions conform to ASME B16.5  
 NPT Threads conform to ASME B1.20.1  
 Plate Stainless Steel Flange Dimensions conform to ASME B16.5 Class 150  
 Plate Stainless Steel Flanges made from ASTM A240 Plate or cast in conformance with ASTM A351