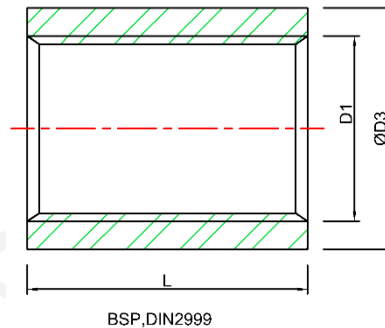
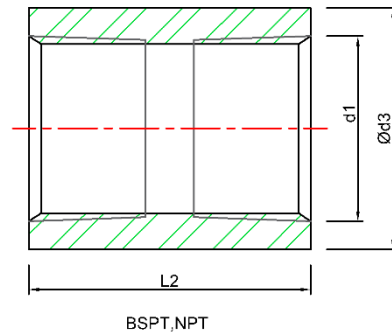


Project Name: \_\_\_\_\_  
Job #: \_\_\_\_\_

## Class 150 # - CAST FITTINGS, ASTM A351 - Regular Pattern

### COUPLINGS



- Grade:  T304/CF8  T316/CF8M  
 Connection:  Threaded  
 Source:  Import  Domestic

## DIMENSIONS

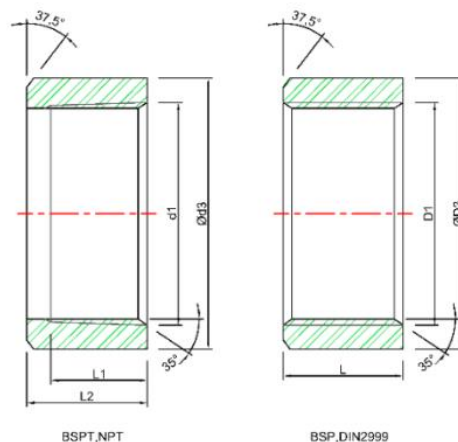
UOM: Inches/LBS

| SELECT                   | SIZE  | d1    | BSPT., NPT |      | D1    | BSP, D IN 2999 |      |
|--------------------------|-------|-------|------------|------|-------|----------------|------|
|                          |       |       | d3         | L2   |       | D3             | L    |
| <input type="checkbox"/> | 1/8   | 1/8   | 0.55       | 0.79 | 1/8   | 0.55           | 0.79 |
| <input type="checkbox"/> | 1/4   | 1/4   | 0.73       | 1.06 | 1/4   | 0.73           | 0.98 |
| <input type="checkbox"/> | 3/8   | 3/8   | 0.85       | 1.10 | 3/8   | 0.85           | 1.02 |
| <input type="checkbox"/> | 1/2   | 1/2   | 1.04       | 1.42 | 1/2   | 1.04           | 1.34 |
| <input type="checkbox"/> | 3/4   | 3/4   | 1.26       | 1.54 | 3/4   | 1.26           | 1.42 |
| <input type="checkbox"/> | 1     | 1     | 1.56       | 1.69 | 1     | 1.56           | 1.69 |
| <input type="checkbox"/> | 1 1/4 | 1 1/4 | 1.91       | 1.89 | 1 1/4 | 1.91           | 1.89 |
| <input type="checkbox"/> | 1 1/2 | 1 1/2 | 2.15       | 1.89 | 1 1/2 | 2.15           | 1.89 |
| <input type="checkbox"/> | 2     | 2     | 2.62       | 2.20 | 2     | 2.62           | 2.20 |
| <input type="checkbox"/> | 2 1/2 | 2 1/2 | 3.31       | 2.56 | 2 1/2 | 3.31           | 2.56 |
| <input type="checkbox"/> | 3     | 3     | 3.94       | 2.80 | 3     | 3.74           | 2.80 |
| <input type="checkbox"/> | 4     | 4     | 5.08       | 3.27 | 4     | 4.80           | 3.27 |
| <input type="checkbox"/> | 5     | 5     | 6.36       | 3.54 | ----  | ----           | ---- |
| <input type="checkbox"/> | 6     | 6     | 7.28       | 3.96 | ----  | ----           | ---- |

Thread Pattern conform to ANSI / ASME B1.20.1, NPT  
 No Lead  
 Stainless Wrought Fittings conform To ASTM A182, Barstock to ASTM A479

Project Name: \_\_\_\_\_  
Job #: \_\_\_\_\_

**Class 150 # - CAST FITTINGS, ASTM A351 -**  
**Regular Pattern**  
**HALF COUPLINGS**



- Grade:  T304/CF8  T316/CF8M  
 Connection:  Threaded  
 Source:  Import  Domestic

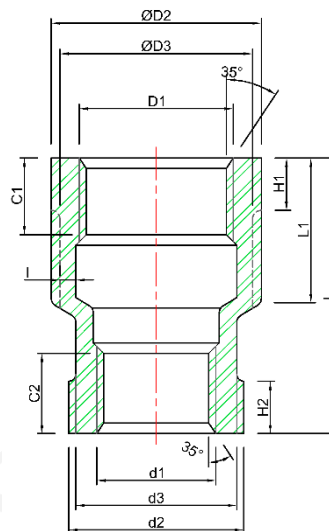
**DIMENSIONS**

UOM: Inches/LBS

| SELECT                   | SIZE  | d1    | BSPT., NPT |      | D1    | BSP, D IN 2999 |      |
|--------------------------|-------|-------|------------|------|-------|----------------|------|
|                          |       |       | d3         | L2   |       | D3             | L    |
| <input type="checkbox"/> | 1/8   | 1/8   | 0.56       | 0.43 | 1/8   | 0.55           | 0.43 |
| <input type="checkbox"/> | 1/4   | 1/4   | 0.73       | 0.51 | 1/4   | 0.73           | 0.43 |
| <input type="checkbox"/> | 3/8   | 3/8   | 0.85       | 0.55 | 3/8   | 0.85           | 0.47 |
| <input type="checkbox"/> | 1/2   | 1/2   | 1.04       | 0.71 | 1/2   | 1.04           | 0.59 |
| <input type="checkbox"/> | 3/4   | 3/4   | 1.26       | 0.79 | 3/4   | 1.26           | 0.67 |
| <input type="checkbox"/> | 1     | 1     | 1.56       | 0.83 | 1     | 1.56           | 0.75 |
| <input type="checkbox"/> | 1 1/4 | 1 1/4 | 1.91       | 0.94 | 1 1/4 | 1.91           | 0.87 |
| <input type="checkbox"/> | 1 1/2 | 1 1/2 | 2.15       | 0.94 | 1 1/2 | 2.15           | 0.87 |
| <input type="checkbox"/> | 2     | 2     | 2.62       | 1.10 | 2     | 2.62           | 1.02 |
| <input type="checkbox"/> | 2 1/2 | 2 1/2 | 3.31       | 1.30 | 2 1/2 | 3.23           | 1.18 |
| <input type="checkbox"/> | 3     | 3     | 3.94       | 1.42 | 3     | 3.74           | 1.30 |
| <input type="checkbox"/> | 4     | 4     | 5.08       | 1.65 | 4     | 4.80           | 1.57 |

Thread Pattern conform to ANSI / ASME B1.20.1, NPT  
 No Lead  
 Stainless Wrought Fittings conform To ASTM A182, Barstock to ASTM A479

**Class 150 # - CAST FITTINGS, ASTM A351 -  
Regular Pattern**  
**REDUCING COUPLINGS**



- Grade:  T304/CF8  T316/CF8M  
 Connection:  Threaded  
 Source:  Import  Domestic

**DIMENSIONS**

UOM: Inches/LBS

| SELECT                   | SIZE        | D1    | D2   | D3   | C1   | H1   | d1  | d2   | d3   | C2   | H2   | L1   | L    | I    |
|--------------------------|-------------|-------|------|------|------|------|-----|------|------|------|------|------|------|------|
| <input type="checkbox"/> | 1/4 x 1/8   | 1/4   | 0.79 | 0.71 | 0.31 | 0.24 | 1/8 | 0.63 | 0.55 | 0.43 | 0.28 | 0.63 | 1.12 | 0.12 |
| <input type="checkbox"/> | 3/8 x 1/8   | 3/8   | 1.00 | 0.91 | 0.37 | 0.28 | 1/8 | 0.63 | 0.55 | 0.47 | 0.24 | 0.91 | 1.61 | 0.12 |
| <input type="checkbox"/> | 3/8 x 1/4   | 3/8   | 1.00 | 0.91 | 0.38 | 0.28 | 1/4 | 0.79 | 0.71 | 0.51 | 0.24 | 0.91 | 1.61 | 0.12 |
| <input type="checkbox"/> | 1/2 x 1/8   | 1/2   | 1.18 | 1.10 | 0.39 | 0.31 | 1/8 | 0.63 | 0.55 | 0.35 | 0.28 | 0.94 | 1.77 | 0.10 |
| <input type="checkbox"/> | 1/2 x 1/4   | 1/2   | 1.18 | 1.10 | 0.39 | 0.31 | 1/4 | 0.79 | 0.71 | 0.49 | 0.28 | 0.94 | 1.77 | 0.10 |
| <input type="checkbox"/> | 1/2 x 3/8   | 1/2   | 1.18 | 1.10 | 0.39 | 0.31 | 3/8 | 1.00 | 0.91 | 0.39 | 0.31 | 0.94 | 1.77 | 0.10 |
| <input type="checkbox"/> | 3/4 x 1/8   | 3/4   | 1.42 | 1.30 | 0.39 | 0.35 | 1/8 | 0.63 | 0.55 | 0.43 | 0.31 | 0.87 | 1.77 | 0.12 |
| <input type="checkbox"/> | 3/4 x 1/4   | 3/4   | 1.42 | 1.30 | 0.39 | 0.35 | 1/4 | 0.79 | 0.71 | 0.43 | 0.31 | 1.02 | 1.77 | 0.12 |
| <input type="checkbox"/> | 3/4 x 3/8   | 3/4   | 1.42 | 1.30 | 0.39 | 0.35 | 3/8 | 1.00 | 0.91 | 0.59 | 0.31 | 0.98 | 1.77 | 0.12 |
| <input type="checkbox"/> | 3/4 x 1/2   | 3/4   | 1.42 | 1.30 | 0.39 | 0.35 | 1/2 | 1.18 | 1.10 | 0.59 | 0.31 | 0.98 | 1.77 | 0.12 |
| <input type="checkbox"/> | 1 x 1/8     | 1     | 1.77 | 1.65 | 0.55 | 0.35 | 1/8 | 0.63 | 0.55 | 0.47 | 0.31 | 1.02 | 1.97 | 0.12 |
| <input type="checkbox"/> | 1 x 1/4     | 1     | 1.77 | 1.65 | 0.55 | 0.43 | 1/4 | 0.79 | 0.71 | 0.47 | 0.31 | 1.10 | 1.97 | 0.12 |
| <input type="checkbox"/> | 1 x 3/8     | 1     | 1.77 | 1.65 | 0.55 | 0.43 | 3/8 | 1.00 | 0.91 | 0.51 | 0.31 | 1.10 | 1.97 | 0.12 |
| <input type="checkbox"/> | 1 x 1/2     | 1     | 1.77 | 1.65 | 0.55 | 0.43 | 1/2 | 1.18 | 1.10 | 0.51 | 0.35 | 1.14 | 1.97 | 0.12 |
| <input type="checkbox"/> | 1 x 3/4     | 1     | 1.77 | 1.65 | 0.55 | 0.43 | 3/4 | 1.42 | 1.30 | 0.55 | 0.43 | 1.10 | 1.97 | 0.12 |
| <input type="checkbox"/> | 1 1/4 x 1/4 | 1 1/4 | 2.09 | 1.97 | 0.71 | 0.43 | 1/4 | 0.79 | 0.71 | 0.59 | 0.24 | 1.14 | 1.97 | 0.14 |
| <input type="checkbox"/> | 1 1/4 x 3/8 | 1 1/4 | 2.09 | 1.97 | 0.71 | 0.43 | 3/8 | 1.00 | 0.91 | 0.47 | 0.31 | 1.14 | 1.97 | 0.14 |
| <input type="checkbox"/> | 1 1/4 x 1/2 | 1 1/4 | 2.09 | 1.97 | 0.63 | 0.43 | 1/2 | 1.18 | 1.10 | 0.51 | 0.39 | 1.18 | 1.97 | 0.14 |
| <input type="checkbox"/> | 1 1/4 x 3/4 | 1 1/4 | 2.09 | 1.97 | 0.63 | 0.47 | 3/4 | 1.42 | 1.30 | 0.51 | 0.39 | 1.18 | 1.97 | 0.14 |
| <input type="checkbox"/> | 1 1/4 x 1   | 1 1/4 | 2.09 | 1.97 | 0.63 | 0.47 | 1   | 1.77 | 1.61 | 0.71 | 0.43 | 1.18 | 1.97 | 0.14 |

Thread Pattern conform to ANSI / ASME B1.20.1, NPT  
 No Lead  
 Stainless Wrought Fittings conform To ASTM A182, Barstock to ASTM A479

Project Name: \_\_\_\_\_  
 Job #: \_\_\_\_\_

150# CAST  
 A351  
 (Red Cplg)

| SELECT                   | SIZE          | D1    | D2   | D3   | C1   | H1   | d1    | d2   | d3   | C2   | H2   | L1   | L    | I    |
|--------------------------|---------------|-------|------|------|------|------|-------|------|------|------|------|------|------|------|
| <input type="checkbox"/> | 1 1/2 x 1/4   | 1 1/2 | 2.36 | 2.22 | 0.71 | 0.47 | 1/4   | 0.79 | 0.71 | 0.71 | 0.24 | 1.22 | 2.24 | 0.14 |
| <input type="checkbox"/> | 1 1/2 x 3/8   | 1 1/2 | 2.36 | 2.22 | 0.71 | 0.47 | 3/8   | 1.00 | 0.91 | 0.71 | 0.31 | 1.22 | 2.24 | 0.14 |
| <input type="checkbox"/> | 1 1/2 x 1/2   | 1 1/2 | 2.36 | 2.22 | 0.63 | 0.47 | 1/2   | 1.18 | 1.10 | 0.57 | 0.35 | 1.22 | 2.24 | 0.14 |
| <input type="checkbox"/> | 1 1/2 x 3/4   | 1 1/2 | 2.36 | 2.22 | 0.63 | 0.47 | 3/4   | 1.42 | 1.30 | 0.61 | 0.39 | 1.22 | 2.24 | 0.14 |
| <input type="checkbox"/> | 1 1/2 x 1     | 1 1/2 | 2.36 | 2.22 | 0.63 | 0.47 | 1     | 1.77 | 1.61 | 0.67 | 0.43 | 1.22 | 2.24 | 0.14 |
| <input type="checkbox"/> | 1 1/2 x 1 1/4 | 1 1/2 | 2.36 | 2.22 | 0.71 | 0.47 | 1 1/4 | 2.09 | 1.97 | 0.67 | 0.47 | 1.22 | 2.24 | 0.14 |
| <input type="checkbox"/> | 2 x 1/4       | 2     | 2.91 | 2.76 | 0.71 | 0.51 | 1/4   | 0.79 | 0.71 | 0.63 | 0.20 | 1.50 | 2.64 | 0.16 |
| <input type="checkbox"/> | 2 x 3/8       | 2     | 2.91 | 2.76 | 0.71 | 0.51 | 3/8   | 1.00 | 0.91 | 0.51 | 0.31 | 1.50 | 2.64 | 0.16 |
| <input type="checkbox"/> | 2 x 1/2       | 2     | 2.91 | 2.76 | 0.71 | 0.51 | 1/2   | 1.18 | 1.10 | 0.59 | 0.35 | 1.50 | 2.64 | 0.16 |
| <input type="checkbox"/> | 2 x 3/4       | 2     | 2.91 | 2.76 | 0.71 | 0.51 | 3/4   | 1.42 | 1.30 | 0.69 | 0.39 | 1.50 | 2.64 | 0.16 |
| <input type="checkbox"/> | 2 x 1         | 2     | 2.91 | 2.76 | 0.63 | 0.51 | 1     | 1.77 | 1.61 | 0.67 | 0.43 | 1.50 | 2.64 | 0.16 |
| <input type="checkbox"/> | 2 x 1 1/4     | 2     | 2.91 | 2.76 | 0.71 | 0.51 | 1 1/4 | 2.09 | 1.97 | 0.67 | 0.47 | 1.50 | 2.64 | 0.16 |
| <input type="checkbox"/> | 2 x 1 1/2     | 2     | 2.91 | 2.76 | 0.71 | 0.55 | 1 1/2 | 2.36 | 2.22 | 0.59 | 0.47 | 1.57 | 2.64 | 0.16 |
| <input type="checkbox"/> | 2 1/2 x 3/4   | 2 1/2 | 3.54 | 3.39 | 0.91 | 0.55 | 3/4   | 1.42 | 1.30 | 0.75 | 0.35 | 1.69 | 2.99 | 0.26 |
| <input type="checkbox"/> | 2 1/2 x 1     | 2 1/2 | 3.54 | 3.39 | 0.91 | 0.55 | 1     | 1.77 | 1.61 | 0.75 | 0.43 | 1.69 | 2.99 | 0.26 |
| <input type="checkbox"/> | 2 1/2 x 1 1/4 | 2 1/2 | 3.54 | 3.39 | 0.91 | 0.55 | 1 1/4 | 2.09 | 1.97 | 0.87 | 0.47 | 1.69 | 2.99 | 0.26 |
| <input type="checkbox"/> | 2 1/2 x 1 1/2 | 2 1/2 | 3.54 | 3.39 | 0.91 | 0.55 | 1 1/2 | 2.36 | 2.22 | 0.91 | 0.47 | 1.69 | 2.99 | 0.26 |
| <input type="checkbox"/> | 2 1/2 x 2     | 2 1/2 | 3.54 | 3.39 | 0.91 | 0.55 | 2     | 2.91 | 2.76 | 0.87 | 0.55 | 1.69 | 2.99 | 0.26 |
| <input type="checkbox"/> | 3 X 1/2       | ----  | ---- | ---- | ---- | ---- | ----  | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| <input type="checkbox"/> | 3 x 3/4       | 3     | 4.29 | 4.09 | 0.94 | 0.59 | 3/4   | 1.42 | 1.30 | 0.55 | 0.39 | 1.93 | 3.35 | 0.26 |
| <input type="checkbox"/> | 3 x 1         | 3     | 4.29 | 4.09 | 0.94 | 0.59 | 1     | 1.77 | 1.61 | 0.63 | 0.43 | 1.93 | 3.31 | 0.26 |
| <input type="checkbox"/> | 3 x 1 1/4     | 3     | 4.29 | 4.09 | 0.94 | 0.59 | 1 1/4 | 2.09 | 1.97 | 0.75 | 0.47 | 1.93 | 3.31 | 0.26 |
| <input type="checkbox"/> | 3 x 1 1/2     | 3     | 4.29 | 4.09 | 0.94 | 0.63 | 1 1/2 | 2.36 | 2.22 | 0.79 | 0.51 | 1.93 | 3.35 | 0.26 |
| <input type="checkbox"/> | 3 x 2         | 3     | 4.29 | 4.09 | 0.94 | 0.59 | 2     | 2.91 | 2.76 | 0.79 | 0.51 | 1.69 | 3.31 | 0.26 |
| <input type="checkbox"/> | 3 x 2 1/2     | 3     | 4.29 | 4.09 | 0.94 | 0.59 | 2 1/2 | 3.54 | 3.39 | 1.02 | 0.65 | 1.93 | 3.27 | 0.26 |
| <input type="checkbox"/> | 4 x 1         | 4     | 5.43 | 5.20 | 0.98 | 0.63 | 1     | 1.77 | 1.61 | 0.94 | 0.43 | 2.17 | 3.82 | 0.26 |
| <input type="checkbox"/> | 4 x 1 1/4     | 4     | 5.43 | 5.20 | 0.98 | 0.63 | 1 1/4 | 2.09 | 1.97 | 0.87 | 0.47 | 2.09 | 3.74 | 0.26 |
| <input type="checkbox"/> | 4 x 1 1/2     | 4     | 5.43 | 5.20 | 0.98 | 0.63 | 1 1/2 | 2.36 | 2.22 | 0.94 | 0.51 | 2.09 | 3.74 | 0.26 |
| <input type="checkbox"/> | 4 x 2         | 4     | 5.43 | 5.20 | 0.98 | 0.63 | 2     | 2.91 | 2.76 | 0.94 | 0.55 | 2.09 | 3.82 | 0.26 |
| <input type="checkbox"/> | 4 x 2 1/2     | 4     | 5.43 | 5.20 | 0.98 | 0.63 | 2 1/2 | 3.54 | 3.39 | 1.14 | 0.59 | 2.09 | 3.78 | 0.26 |
| <input type="checkbox"/> | 4 x 3         | 4     | 5.43 | 5.20 | 0.98 | 0.63 | 3     | 4.29 | 4.09 | 0.98 | 0.63 | 2.17 | 3.86 | 0.26 |

Thread Pattern conform to ANSI / ASME B1.20.1, NPT  
 No Lead  
 Stainless Wrought Fittings conform To ASTM A182, Barstock to ASTM A479