








A Brand of Anvil International


# Gruvlok® Stainless Steel Fittings


Anvil offers two different sets of stainless steel fittings. The Gruvlok  Series Fittings have full flow designs formed from type 304SS pipe. The Schedule 10 fittings are fabricated from segmentally welded 316SS unless otherwise noted and are also available as Schedule 40 and/or Type 304SS.



Gruvlok  Series Stainless Steel Fittings are full flow design with ends grooved to Gruvlok specifications. The  Series standard material is formed from Type 304 Stainless Steel. The  Series Fittings are annealed after forming and grooving to provide increased corrosion resistance. Gruvlok  Series Stainless Steel 45° and 90° elbows and tees have compact center-to-end dimensions which make installation quick and easy with the Gruvlok Figure 7400SS Coupling, or other Gruvlok products.

## Pressure Rating for the Gruvlok Series Stainless Steel Fittings:

The following are pressure ratings for the Gruvlok  Series Stainless Steel Fittings. The pressure rating for the Reducing Tees and Concentric Reducers should be based upon the rating of the weakest end.

 SERIES SS FITTING PRESSURE RATINGS										
Sizes	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"	12"
Pressure (psi)	500	500	500	500	500	500	400	250	100	200

SECTION 1 - Grooved Fittings

# Gruvlok® Stainless Steel Fittings Type 304SS

**FIG. A7050SS**

90° Stainless Steel Elbow  
Type 304

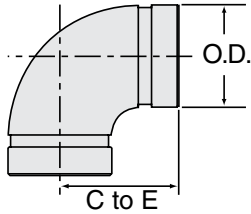


FIGURE A7050SS 90° STAINLESS STEEL ELBOW		
Nominal Size	Center to End*	Approx. Wt. Ea.
In./DN(mm)	In./mm	Lbs./Kg
1¼	2 <sup>3</sup> / <sub>16</sub>	0.8
32	71.44	0.4
1½	3	1.0
40	76.20	0.5
2	3 <sup>1</sup> / <sub>16</sub>	1.3
50	93.66	0.6
2½	4 <sup>5</sup> / <sub>16</sub>	1.8
65	109.54	0.8
3	5 <sup>1</sup> / <sub>16</sub>	2.9
80	128.59	1.3
4	6 <sup>5</sup> / <sub>16</sub>	4.6
100	160.34	2.1
5	7 <sup>1</sup> / <sub>2</sub>	8.3
125	190.50	3.7
6	9	11.2
150	228.60	5.1
8	12	22.7
200	304.80	10.3
10	15	35.3
250	381.00	16.0
12	18	56.9
300	457.20	25.8

**FIG. A7051SS**

45° Stainless Steel Elbow  
Type 304

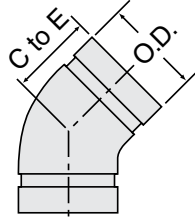


FIGURE A7051SS 45° STAINLESS STEEL ELBOW		
Nominal Size	Center to End*	Approx. Wt. Ea.
In./DN(mm)	In./mm	Lbs./Kg
1¼	1¾	0.4
32	44.45	0.2
1½	1⅞	0.5
40	47.63	0.2
2	2 <sup>1</sup> / <sub>8</sub>	0.7
50	53.98	0.3
2½	2 <sup>3</sup> / <sub>8</sub>	0.9
65	60.33	0.4
3	2 <sup>3</sup> / <sub>16</sub>	1.5
80	71.44	0.7
4	3 <sup>5</sup> / <sub>16</sub>	2.4
100	84.14	1.1
5	3 <sup>7</sup> / <sub>8</sub>	4.4
125	98.43	2.0
6	4 <sup>1</sup> / <sub>2</sub>	6.0
150	114.30	2.7
8	5 <sup>7</sup> / <sub>8</sub>	11.7
200	149.23	5.3
10	7 <sup>1</sup> / <sub>8</sub>	17.6
250	180.98	8.0
12	8 <sup>5</sup> / <sub>8</sub>	27.6
300	219.08	12.5

**FIG. A7060SS**

Stainless Steel Tee  
Type 304

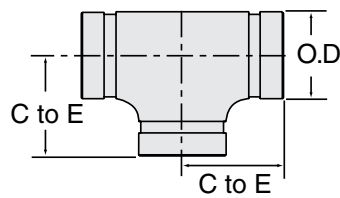


FIGURE A7060SS STAINLESS STEEL TEE		
Nominal Size	Center to End*	Approx. Wt. Ea.
In./DN(mm)	In./mm	Lbs./Kg
1¼	2¾	1.1
32	69.85	0.5
1½	2 <sup>15</sup> / <sub>16</sub>	1.3
40	74.61	0.6
2	3 <sup>3</sup> / <sub>16</sub>	3.2
50	80.96	1.5
2½	3 <sup>11</sup> / <sub>16</sub>	4.4
65	93.66	2.0
3	4	5.8
80	101.60	2.6
4	4 <sup>15</sup> / <sub>16</sub>	8.6
100	125.41	3.9
5	5¾	14.5
125	146.05	6.6
6	6½	18.5
150	165.10	8.4
8	8 <sup>1</sup> / <sub>16</sub>	25.5
200	204.79	11.6
10	9½	36.5
250	241.30	16.6
12	11	64.5
300	279.40	29.3

**FIG. A7074SS**

Stainless Steel Cap  
Type 304

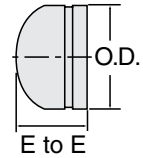


FIGURE A7074SS STAINLESS STEEL CAP		
Nominal Size	End to End*	Approx. Wt. Ea.
In./DN(mm)	In./mm	Lbs./Kg
1¼	1¾	0.4
32	44.45	0.2
1½	1¾	0.4
40	44.45	0.2
2	2	0.4
50	50.80	0.2
2½	2 <sup>3</sup> / <sub>16</sub>	0.9
65	55.56	0.4
3	2 <sup>9</sup> / <sub>16</sub>	1.1
80	65.09	0.5
4	2 <sup>15</sup> / <sub>16</sub>	1.5
100	74.61	0.7
5	3 <sup>7</sup> / <sub>8</sub>	2.5
125	79.38	1.1
6	3 <sup>3</sup> / <sub>16</sub>	3.1
150	90.49	1.4
8	4	6.6
200	101.60	3.0
10	5	9.9
250	127.00	4.5
12	6	15.2
300	152.40	6.9

**Notes:** 1) \*Dimensions may differ from those shown above. Contact an Anvil Representative for more information.  
2) For A Series 304 SS pressure ratings refer to the chart on page 4.

**FIG. A 7061SS**

Stainless Steel Reducing Tee  
Type 304

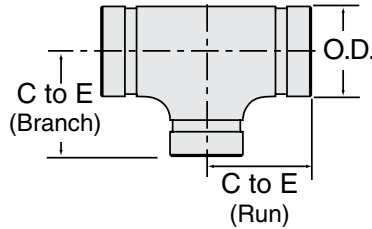


FIGURE A7061SS STAINLESS STEEL REDUCING TEE			
Nominal Size	Center to End (Run)	Center to End (Branch)	Approx. Wt. Ea.
<i>In./DN(mm)</i>	<i>In./mm</i>	<i>In./mm</i>	<i>Lbs./Kg</i>
1½ x 1¼ 40 x 32	2 <sup>15</sup> / <sub>16</sub> 74.61	2¾ 69.85	1.3 0.6
2 x 1¼ 50 x 32	3 <sup>1</sup> / <sub>16</sub> 80.96	2 <sup>15</sup> / <sub>16</sub> 74.61	1.8 0.8
2 x 1½ 50 x 40	3 <sup>1</sup> / <sub>16</sub> 80.96	3 <sup>1</sup> / <sub>16</sub> 77.79	1.8 0.8
2½ x 1½ 65 x 40	3 <sup>11</sup> / <sub>16</sub> 93.66	3 <sup>5</sup> / <sub>16</sub> 84.14	2.7 1.2
2½ x 2 65 x 50	3 <sup>11</sup> / <sub>16</sub> 93.66	3 <sup>5</sup> / <sub>16</sub> 90.49	2.7 1.2
3 x 1½ 80 x 40	4 101.60	3 <sup>5</sup> / <sub>16</sub> 90.49	3.1 1.4
3 x 2 80 x 50	4 101.60	3 <sup>11</sup> / <sub>16</sub> 93.66	5.1 2.3
3 x 2½ 80 x 65	4 101.60	3 <sup>7</sup> / <sub>8</sub> 98.43	5.4 2.4
4 x 2 100 x 50	4 <sup>15</sup> / <sub>16</sub> 125.41	4 <sup>5</sup> / <sub>16</sub> 109.54	8.0 3.6
4 x 2½ 100 x 65	4 <sup>15</sup> / <sub>16</sub> 125.41	4 <sup>5</sup> / <sub>8</sub> 117.48	5.3 2.4
4 x 3 100 x 80	4 <sup>15</sup> / <sub>16</sub> 125.41	4¾ 120.65	8.6 3.9
6 x 3 150 x 80	6½ 165.10	5 <sup>13</sup> / <sub>16</sub> 147.64	16.8 7.6
6 x 4 150 x 100	6½ 165.10	6 152.40	16.8 7.6
8 x 4 200 x 100	8 <sup>1</sup> / <sub>16</sub> 204.79	7 <sup>1</sup> / <sub>16</sub> 182.56	29.7 13.4
8 x 6 200 x 150	8 <sup>1</sup> / <sub>16</sub> 204.79	7 <sup>11</sup> / <sub>16</sub> 195.26	33.4 15.1
10 x 6 250 x 150	9½ 241.30	8 <sup>7</sup> / <sub>8</sub> 255.43	21.6 9.8
10 x 8 250 x 200	9½ 241.30	9 <sup>1</sup> / <sub>16</sub> 230.19	32.2 14.6
12 x 8 300 x 200	11 279.40	10 <sup>1</sup> / <sub>16</sub> 255.59	47.2 21.4
12 x 10 300 x 250	11 279.40	10 <sup>9</sup> / <sub>16</sub> 268.29	62.5 28.3

**FIG. A 7072SS**

Stainless Steel Concentric Reducer  
Type 304

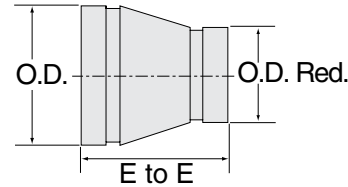


FIGURE A7072SS STAINLESS STEEL CONCENTRIC REDUCER		
Nominal Size	End to End*	Approx. Wt. Ea.
<i>In./DN(mm)</i>	<i>In./mm</i>	<i>Lbs./Kg</i>
1½ x 1¼ 40 x 32	¾ 95.25	0.4 0.2
2 x 1¼ 50 x 32	4/8 104.78	0.7 0.3
2 x 1½ 50 x 40	4/8 104.78	0.7 0.3
2½ x 1½ 65 x 40	4 <sup>7</sup> / <sub>16</sub> 112.71	1.1 0.5
2½ x 2 65 x 50	4 <sup>7</sup> / <sub>16</sub> 112.71	1.1 0.5
3 x 1½ 80 x 40	4 <sup>3</sup> / <sub>4</sub> 120.65	1.3 0.6
3 x 2 80 x 50	4 <sup>3</sup> / <sub>4</sub> 120.65	1.3 0.6
3 x 2½ 80 x 65	4 <sup>3</sup> / <sub>4</sub> 120.65	1.3 0.6
4 x 2 100 x 50	5 <sup>5</sup> / <sub>16</sub> 134.94	1.8 0.8
4 x 2½ 100 x 65	5 <sup>5</sup> / <sub>16</sub> 134.94	1.8 0.8
4 x 3 100 x 80	5 <sup>5</sup> / <sub>16</sub> 134.94	2.0 0.9
6 x 3 150 x 80	6¾ 171.45	3.8 1.7
6 x 4 150 x 100	6¾ 171.45	4.0 1.8
8 x 4 200 x 100	7 <sup>9</sup> / <sub>16</sub> 192.09	6.6 3.0
8 x 6 200 x 150	7 <sup>9</sup> / <sub>16</sub> 192.09	7.3 3.3
10 x 6 250 x 150	8 <sup>1</sup> / <sub>16</sub> 220.66	9.7 4.4
10 x 8 250 x 200	8 <sup>1</sup> / <sub>16</sub> 220.66	10.6 4.8
12 x 8 300 x 200	9 <sup>9</sup> / <sub>16</sub> 239.71	15.0 6.8
12 x 10 300 x 250	9 <sup>9</sup> / <sub>16</sub> 239.71	15.9 7.2

- Notes:**
- 1) \*Dimensions may differ from those shown above. Contact an Anvil Representative for more information.
  - 2) For Series 304 SS pressure ratings refer to the chart on page 4.
  - 3) The pressure rating for the reducing tees and concentric reducers is based upon the rating of the weakest end.

# Gruvlok® Stainless Steel Fittings Type 316SS

Gruvlok Schedule 10 Stainless Steel Fittings are segmentally welded with ends grooved to Gruvlok specifications. The standard material is 316 Stainless Steel unless otherwise noted with 304SS and/or Schedule 40 optional. Installation is quick and easy with the Gruvlok Figure 7400SS Coupling, or other Gruvlok product.

## FIG. 7050SS

90° Stainless Steel Elbow  
Type 316

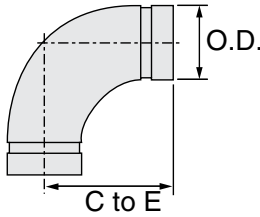


FIGURE 7050SS 90° STAINLESS STEEL ELBOW		
Nominal Size	Center to End*	Approx. Wt. Ea.
In./DN(mm)	In./mm	Lbs./Kg
1¼ 32	3¾ 98	1.2 0.5
1½ 40	4¼ 108	1.4 0.6
2 50	4¾ 111	2.3 1.0
2½ 65	5¾ 146	3.3 1.5
3 80	5¾ 149	4.6 2.1
4 100	7½ 191	7.9 3.6
6 150	10¾ 273	17.0 7.7
8 200	15 381	29.4 13.4
10 250	18 457	41.8 18.9
12 300	21 533	46.5 21.1

## FIG. 7051SS

45° Stainless Steel Elbow  
Type 316

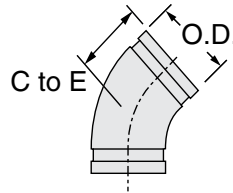


FIGURE 7051SS 45° STAINLESS STEEL ELBOW		
Nominal Size	Center to End*	Approx. Wt. Ea.
In./DN(mm)	In./mm	Lbs./Kg
1¼ 32	2½ 64	0.7 0.3
1½ 40	2½ 64	0.9 0.4
2 50	2½ 64	1.5 0.7
2½ 65	3 76	1.9 0.9
3 80	3¾ 86	3.3 1.5
4 100	4 102	5.4 2.4
6 150	5½ 140	11.2 5.1
8 200	7¼ 184	19.8 9.0
10 250	8½ 216	21.0 9.5
12 300	10 254	23.0 10.4

## FIG. 7060SS

Stainless Steel Tee  
Type 316

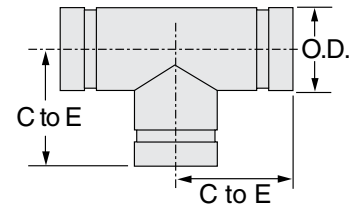


FIGURE 7060SS STAINLESS STEEL TEE		
Nominal Size	Center to End*	Approx. Wt. Ea.
In./DN(mm)	In./mm	Lbs./Kg
1¼ 32	2¾ 70	1.5 0.7
1½ 40	2¾ 70	1.8 0.8
2 50	3¼ 83	2.4 1.1
2½ 65	3¾ 95	4.0 1.8
3 80	4¼ 108	5.8 2.6
4 100	5 127	10.3 4.7
6 150	6½ 165	25.7 11.7
8 200	7¼ 197	41.1 18.6
10 250	9 229	36.0 16.3
12 300	10 254	48.4 22.0

- Notes:**
- 1) \*Dimensions may differ from those shown above. Contact an Anvil Representative for more information.
  - 2) Fabricated fittings weights are based on Schedule 10 pipe.
  - 3) Fabricated Schedule 10, 316SS and Schedule 40 Center to End dimensions are the same.
  - 4) The pressure rating for the Gruvlok Schedule 10 Stainless Steel Fittings are equal to the pressure rating of the coupling used on Schedule 10 pipe as shown in the Working Pressure Ratings Chart for Stainless Steel Roll Grooved Pipe on page 3.

**FIG. 7074SS**

Stainless Steel Cap  
Type 316

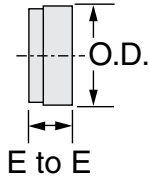


FIGURE 7074SS STAINLESS STEEL CAP		
Nominal Size	End to End*	Approx. Wt. Ea.
In./DN(mm)	In./mm	Lbs./Kg
1 1/4 32	1 5/8 41	0.4 0.2
1 1/2 40	1 5/8 41	0.5 0.2
2 50	1 5/8 41	0.8 0.4
2 1/2 65	1 3/4 45	1.1 0.5
3 80	1 3/4 45	1.6 0.7
4 100	1 3/4 45	2.8 1.3
6 150	1 5/8 48	3.7 1.7
8 200	2 1/4 57	8.8 4.0
10 250	2 1/4 57	12.1 5.5
12 300	2 1/4 57	17.3 7.8

**FIG. 7061SS**

Stainless Steel Reducing Tee  
Type 316

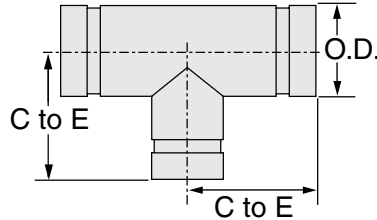


FIGURE 7061SS STAINLESS STEEL REDUCING TEE		
Nominal Size	Center to End*	Approx. Wt. Ea.
In./DN(mm)	In./mm	Lbs./Kg
1 1/2 x 1 1/2 x 3/4 40 x 40 x 20	2 3/4 70	1.3 0.6
1 1/2 x 1 1/2 x 1 40 x 40 x 25	2 3/4 70	1.4 0.6
1 1/2 x 1 1/2 x 1 1/4 40 x 40 x 32	2 3/4 70	1.5 0.7
2 x 2 x 3/4 50 x 50 x 20	3 1/4 83	2.0 0.9
2 x 2 x 1 50 x 50 x 25	3 1/4 83	2.1 1.0
2 x 2 x 1 1/4 50 x 50 x 32	3 1/4 83	2.3 1.0
2 x 2 x 1 1/2 50 x 50 x 40	3 1/4 83	2.5 1.1
2 1/2 x 2 1/2 x 3/4 65 x 65 x 20	3 3/4 95	2.8 1.3
2 1/2 x 2 1/2 x 1 65 x 65 x 25	3 3/4 95	3.0 1.4
2 1/2 x 2 1/2 x 1 1/2 65 x 65 x 40	3 3/4 95	3.5 1.6
2 1/2 x 2 1/2 x 2 65 x 65 x 50	3 3/4 95	3.8 1.7
3 x 3 x 3/4 80 x 80 x 20	4 1/4 108	4.0 1.8
3 x 3 x 1 80 x 80 x 25	4 1/4 108	4.1 1.9
3 x 3 x 1 1/4 80 x 80 x 32	4 1/4 108	4.2 1.9
3 x 3 x 1 1/2 80 x 80 x 40	4 1/4 108	4.3 1.9
3 x 3 x 2 80 x 80 x 50	4 1/4 108	4.5 2.0
3 x 3 x 2 1/2 80 x 80 x 65	4 1/4 108	4.8 2.2
4 x 4 x 2 100 x 100 x 50	5 127	5.8 2.6
4 x 4 x 2 1/2 100 x 100 x 65	5 127	5.9 2.7
4 x 4 x 3 100 x 100 x 80	5 127	6.0 2.7
6 x 6 x 3 150 x 150 x 80	6 1/2 165	14.0 6.4
6 x 6 x 4 150 x 150 x 100	6 1/2 165	14.5 6.6
8 x 8 x 4 200 x 200 x 100	7 3/4 197	29.6 13.5
8 x 8 x 6 200 x 200 x 150	7 3/4 197	31.1 14.1

**FIG. 7072SS**

Stainless Steel Concentric Reducer  
Type 316

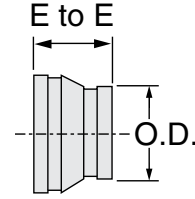


FIGURE 7072SS STAINLESS STEEL CONCENTRIC REDUCER		
Nominal Size	End to End*	Approx. Wt. Ea.
In./DN(mm)	In./mm	Lbs./Kg
1 1/2 x 1 40 x 25	6 1/2 165	0.7 0.3
1 1/2 x 1 1/4 40 x 32	6 1/2 165	0.7 0.3
2 x 1 50 x 25	7 178	0.9 0.4
2 x 1 1/4 50 x 32	7 178	0.9 0.4
2 x 1 1/2 50 x 40	7 178	1.2 0.5
2 1/2 x 1 65 x 25	7 1/2 191	1.1 0.5
2 1/2 x 1 1/2 65 x 40	7 1/2 191	1.2 0.5
2 1/2 x 2 65 x 50	7 1/2 191	1.2 0.5
3 x 1 80 x 25	7 1/2 191	1.8 0.8
3 x 1 1/4 80 x 32	7 1/2 191	1.8 0.8
3 x 1 1/2 80 x 40	7 1/2 191	1.9 0.9
4 x 2 100 x 50	8 203	2.9 1.3
4 x 2 1/2 100 x 65	8 203	3.1 1.4
4 x 3 100 x 80	8 203	3.1 1.4
6 x 2 1/2 150 x 65	9 1/2 241	7.1 3.2
6 x 3 150 x 80	9 1/2 241	7.0 3.2
6 x 4 150 x 100	9 1/2 241	7.0 3.2
8 x 4 200 x 100	10 254	11.7 5.3
8 x 6 200 x 150	10 254	11.5 5.2

- Notes:**
- \*Dimensions may differ from those shown above. Contact an Anvil Representative for more information.
  - Fabricated fittings weights are based on Schedule 10 pipe.
  - Fabricated Schedule 10, 316SS and Schedule 40 Center to End dimensions are the same.
  - The pressure rating for the Gruvlok Schedule 10 Stainless Steel Fittings are equal to the pressure rating of the coupling used on Schedule 10 pipe as shown in the Working Pressure Ratings Chart for Stainless Steel Roll Grooved Pipe on page 3.
  - The pressure rating for the reducing tees and concentric reducers should be based upon the dimension of the weakest end.

# Gruvlok® Stainless Steel Fittings Type 316SS

## FIG. 7073SS

Stainless Steel Eccentric Reducers  
Type 316

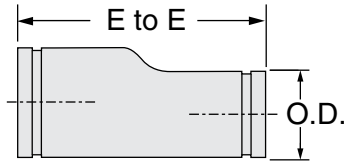


FIGURE 7073SS STAINLESS STEEL ECCENTRIC REDUCER		
Nominal Size	End to End*	Approx. Wt. Ea.
<i>In./DN(mm)</i>	<i>In./mm</i>	<i>Lbs./Kg</i>
1½ x 1 40 x 25	8½ 216	1.7 0.8
1½ x 1¼ 40 x 32	8½ 216	4.5 2.0
2 x 1 50 x 25	9 229	2.2 1.0
2 x 1¼ 50 x 32	9 229	2.4 1.1
2 x 1½ 50 x 40	9 229	2.5 1.1
2½ x 1 65 x 25	9½ 241	3.2 1.5
2½ x 1½ 65 x 40	9½ 241	3.6 1.6
2½ x 2 65 x 50	9½ 241	4.0 1.8
3 x 1 80 x 25	9½ 241	4.0 1.8
3 x 1¼ 80 x 32	9½ 241	4.3 2.0
3 x 1½ 80 x 40	9½ 241	4.5 0.9
4 x 2 100 x 50	10 254	6.7 3.0
4 x 2½ 100 x 65	10 254	7.3 3.3
4 x 3 100 x 80	10 254	7.9 3.6
6 x 2½ 150 x 65	11½ 292	12.8 5.8
6 x 3 150 x 80	11½ 292	13.6 6.2
6 x 4 150 x 100	11½ 292	14.9 6.8
8 x 4 200 x 100	12 305	19.7 8.9
8 x 6 200 x 150	12 305	23.2 10.5

## FIG. 7084SS

Groove x Class 150  
Stainless Steel Flange Adapter  
Type 304

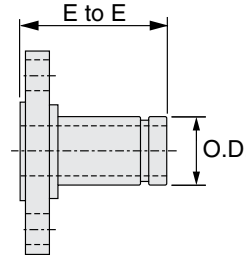


FIGURE 7084SS STAINLESS STEEL FLANGE ADAPTER		
Nominal Size	End to End*	Approx. Wt. Ea.
<i>In./DN(mm)</i>	<i>In./mm</i>	<i>Lbs./Kg</i>
2 50	3⅛ 79.38	5.7 2.6
2½ 65	3⅝ 85.73	8.6 3.9
3 80	3⅝ 85.73	9.7 4.4
4 100	3⅞ 90.49	14.6 6.6
5 125	3¾ 95.25	17.5 7.9
6 150	3⅞ 100.01	19.4 8.8
8 200	4½ 114.30	32.9 14.9
10 250	4¾ 120.65	45.0 20.4
12 300	4¾ 120.65	70.8 32.1

- Notes:**
- 1) \*Dimensions may differ from those shown above. Contact an Anvil Representative for more information.
  - 2) Fabricated fittings weights are based on Schedule 10 pipe.
  - 3) Fabricated Schedule 10, 316SS and Schedule 40 Center to End dimensions are the same.
  - 4) The pressure rating for the Gruvlok Schedule 10 Stainless Steel Fittings are equal to the pressure rating of the coupling used on Schedule 10 pipe as shown in the Working Pressure Ratings Chart for Stainless Steel Roll Grooved Pipe on page 3.
  - 5) The pressure rating for the eccentric reducers should be based upon the dimension of the weakest end.