

FIG. 7066 – Tee Wye

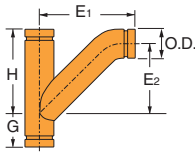


FIGURE 7066 TEE WYE					
Nominal Size	G	H	E1	E2	Approx. Wt. Ea.
In./DN(mm)	In./mm	In./mm	In./mm	In./mm	Lbs./Kg
2 x 2 x 2 50 x 50 x 50	2 3/4 70	7 178	9 229	4 5/8 117	6.4 2.9
2 1/2 x 2 1/2 x 2 1/2 65 x 65 x 65	3 76	7 3/4 197	10 1/2 267	5 3/4 146	11.5 5.2
3 x 3 x 3 80 x 80 x 80	3 3/4 83	8 1/2 216	11 1/2 292	6 1/2 165	16.5 7.5
3 1/2 x 3 1/2 x 3 1/2 90 x 90 x 90	3 1/2 89	10 254	13 330	7 3/4 197	22 10.0
4 x 4 x 3 100 x 100 x 80	3 3/4 95	10 1/2 267	12 7/8 327	7 1/8 200	23 10.4
4 x 4 x 4 100 x 100 x 100	3 3/4 95	10 1/2 267	13 3/8 346	8 1/8 206	26 11.8
5 x 5 x 3 125 x 125 x 80	4 102	12 1/2 318	14 1/4 362	9 1/4 235	32 14.5
5 x 5 x 4 125 x 125 x 100	4 102	12 1/2 318	15 1/8 384	9 5/8 244	35 15.9
5 x 5 x 5 125 x 125 x 125	4 102	12 1/2 318	16 1/8 410	10 254	40 18.1
6 x 6 x 3 150 x 150 x 80	4 1/2 114	14 356	15 5/16 389	10 3/16 262	50 22.7
6 x 6 x 4 150 x 150 x 100	4 1/2 114	14 356	16 1/4 413	10 3/4 273	55 24.9
6 x 6 x 5 150 x 150 x 125	4 1/2 114	14 356	17 1/4 438	11 1/8 283	58 26.3
6 x 6 x 6 150 x 150 x 150	4 1/2 114	14 356	18 1/4 464	11 1/2 292	60.5 27.4
8 x 8 x 3 200 x 200 x 80	6 152	18 457	18 3/16 462	13 3/16 335	100 45.4
8 x 8 x 4 200 x 200 x 100	6 152	18 457	19 483	13 1/2 343	110 49.9
8 x 8 x 5 200 x 200 x 125	6 152	18 457	20 508	13 7/8 352	111 50.3
8 x 8 x 6 200 x 200 x 150	6 152	18 457	21 1/8 537	14 3/8 365	112 50.8
8 x 8 x 8 200 x 200 x 200	6 152	18 457	23 1/4 591	15 1/4 387	120 54.4
10 x 10 x 3 250 x 250 x 80	6 1/2 165	20 1/2 521	19 7/8 505	14 7/8 378	130 59.0
10 x 10 x 4 250 x 250 x 100	6 1/2 165	20 1/2 521	20 3/4 527	15 1/4 387	135 61.2
10 x 10 x 5 250 x 250 x 125	6 1/2 165	20 1/2 521	21 1/8 556	15 3/4 400	140 63.5
10 x 10 x 6 250 x 250 x 150	6 1/2 165	20 1/2 521	22 7/8 581	16 1/8 410	145 65.8
10 x 10 x 8 250 x 250 x 200	6 1/2 165	20 1/2 521	27 1/4 692	19 1/4 489	150 68.0
10 x 10 x 10 250 x 250 x 250	6 1/2 165	20 1/2 521	27 1/4 692	18 457	190 86.2
12 x 12 x 12 300 x 300 x 300	7 178	23 584	31 787	20 1/2 521	240 109

FIG. 7067 – Reducing Tee Wye

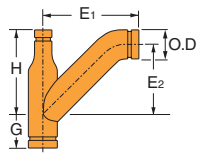


FIGURE 7067 REDUCING TEE WYE					
Nominal Size	G	H	E1	E2	Approx. Wt. Ea.
In./DN(mm)	In./mm	In./mm	In./mm	In./mm	Lbs./Kg
4 x 3 x 3 100 x 80 x 80	1 5/8 41	7 3/8 187	10 3/4 273	5 5/8 143	16.0 7.3
4 x 3 x 4 100 x 80 x 100	3 3/4 95	10 1/2 267	13 5/8 346	8 1/8 206	27.0 12.2
5 x 3 x 3 125 x 80 x 80	1 1/4 32	9 3/4 248	11 1/2 292	6 1/2 165	25.0 11.3
5 x 3 x 5 125 x 80 x 125	4 102	12 1/2 318	16 1/8 410	10 254	44.0 20.0
5 x 4 x 3 125 x 100 x 80	1 7/8 48	9 1/8 232	11 7/8 302	6 7/8 175	21.0 9.5
5 x 4 x 4 125 x 100 x 100	1 7/8 48	9 1/8 232	12 3/4 324	7 1/4 184	25.0 11.3
6 x 4 x 6 150 x 100 x 150	4 1/2 114	14 356	18 1/4 464	11 1/2 292	61.0 27.7
6 x 5 x 3 150 x 125 x 80	1 1/4 32	10 3/4 273	13 330	8 203	27.0 12.2
6 x 5 x 4 150 x 125 x 100	1 1/4 32	10 3/4 273	13 3/8 352	8 3/8 213	31.0 14.1
8 x 6 x 4 200 x 150 x 100	1 25	12 305	14 3/4 375	9 1/4 235	45.0 20.4
8 x 6 x 8 200 x 150 x 200	6 152	18 457	23 1/4 591	15 1/4 387	95.0 43.1

FIG. 7071 – True Wye

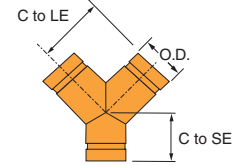


FIGURE 7071 TRUE WYE				
Nominal Size	O.D.	Center to Long End	Center to Short End	Approx. Wt. Ea.
In./DN(mm)	In./mm	In./mm	In./mm	Lbs./Kg
1 25	1.315 33.4	2 1/4 57	2 1/4 57	1.1 0.5
1 1/4 32	1.660 42.2	2 3/4 70	2 1/2 64	1.5 0.7
1 1/2 40	1.900 48.3	2 3/4 70	2 3/4 70	1.8 0.8
2 50	2.375 60.3	3 1/4 83	2 3/4 70	2.3 1.0
2 1/2 65	2.875 73.0	3 3/4 95	3 76	5.0 2.3
3 80	3.500 88.9	4 1/4 108	3 1/4 83	6.1 2.8
3 1/2 90	4.000 101.6	4 1/2 114	3 1/2 89	8.3 3.8
4 100	4.500 114.3	5 127	3 3/4 95	10.5 4.8
5 125	5.563 141.3	5 1/2 140	4 102	15 6.8
6 150	6.625 168.3	6 1/2 165	4 1/2 114	21.6 9.8
8 200	8.625 219.1	7 3/4 197	6 152	36.0 16.3
10 250	10.750 273.1	9 229	6 1/2 165	51.0 23.1
12 300	12.750 323.9	10 254	7 178	160.0 72.6
14 350	14.000 355.6	11 279	7 1/2 191	136.0 61.7
16 400	16.000 406.4	12 305	8 203	166.0 75.3
18 450	18.000 457.2	15 1/2 394	8 1/2 216	234 106
20 500	20.000 508.0	17 1/4 438	9 229	281 128
24 600	24.000 609.6	20 508	10 254	523 237

See Fitting Size chart on next page for O.D.



For Listings/Approval Details and Limitations, visit our website at www.anvilint.com or contact an Anvil® Sales Representative.

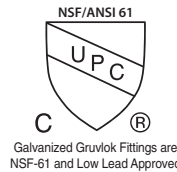
PROJECT INFORMATION		APPROVAL STAMP	
Project:		<input type="checkbox"/> Approved	
Address:		<input type="checkbox"/> Approved as noted	
Contractor:		<input type="checkbox"/> Not approved	
Engineer:		Remarks:	
Submittal Date:			
Notes 1:			
Notes 2:			

Gruvlok fittings are available through 24" nominal pipe size in a variety of styles. Use the Fitting Size Table to convert nominal pipe size to corresponding pipe O.D.

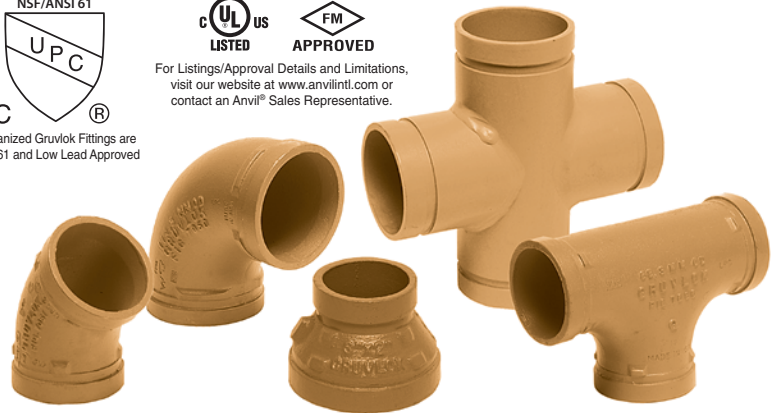
These fittings are designed to provide minimum pressure drop and uniform strength.

Depending on styles and size, Gruvlok fittings are provided in various materials including ductile iron, forged steel or fabricated steel.

Pressure ratings of Gruvlok standard fittings conform to those of Fig. 7001 Gruvlok coupling.



Galvanized Gruvlok Fittings are NSF-61 and Low Lead Approved



FLOW DATA – FRICTIONAL RESISTANCE (EXPRESSED AS EQUIVALENT STRAIGHT PIPE)

Nom. Size	O.D.	Pipe Wall Thickness	Elbow		Tee	
			90°	45°	Branch	Run
In./DN(mm)	In./mm	In./mm	Ft./m	Ft./m	Ft./m	Ft./m
1	1.315	0.133	1.7	0.9	4.4	1.7
25	33.4	3.4	0.5	0.3	1.3	0.5
1¼	1.660	0.140	2.3	1.2	5.8	2.3
32	42.2	3.6	0.7	0.4	1.8	0.7
1½	1.900	0.145	2.7	1.3	6.7	2.7
40	48.3	3.7	0.8	0.4	2.0	0.8
2	2.375	0.154	3.4	1.7	8.6	3.4
50	60.3	3.9	1.0	0.5	2.6	1.0
2½	2.875	0.203	4.1	2.1	10.3	4.1
65	73.0	5.2	1.2	0.6	3.1	1.2
3 O.D.	2.996	0.197	4.3	2.2	10.8	4.3
76.1	76.1	5.0	1.3	0.7	3.3	1.3
3	3.500	0.216	5.1	2.6	12.8	5.1
80	88.9	5.5	1.6	0.8	3.9	1.6
4¼ O.D.	4.250	0.220	6.4	3.2	16.1	6.4
108.0	108.0	5.6	2.0	1.0	4.9	2.0
4	4.500	0.237	6.7	3.4	16.8	6.7
100	114.3	6.0	2.0	1.0	5.1	2.0
5¼ O.D.	5.236	0.248	8.0	4.0	20.1	8.0
133.0	133.0	6.3	2.4	1.2	6.1	2.4
5½ O.D.	5.500	0.248	8.3	4.2	20.9	8.3
139.7	139.7	6.3	2.5	1.3	6.4	2.5
5	5.563	0.258	8.4	4.2	21.0	8.4
125	141.3	6.6	2.6	1.3	6.4	2.6
6¼ O.D.	6.259	0.280	9.7	4.9	24.3	9.7
159.0	159.0	7.1	3.0	1.5	7.4	3.0
6½ O.D.	6.500	0.280	10.0	5.0	24.9	10.0
165.1	165.1	7.1	3.0	1.5	7.6	3.0
6	6.625	0.280	10.1	5.1	25.3	10.1
150	168.3	7.1	3.1	1.6	7.7	3.1
8	8.625	0.322	13.3	6.7	33.3	13.3
200	219.1	8.2	4.1	2.0	10.1	4.1
10	10.750	0.365	16.7	8.4	41.8	16.7
250	273.1	9.3	5.1	2.6	12.7	5.1
12	12.750	0.375	20.0	10.0	50.0	20.0
300	323.9	9.5	6.1	3.0	15.2	6.1
14	14.000	0.375	22.2	11.7	64.2	22.9
350	355.6	9.5	6.8	3.4	19.6	7.0
16	16.000	0.375	25.5	12.7	73.9	26.4
400	406.4	9.5	7.8	4.0	22.5	8.0
18	18.000	0.375	28.9	14.5	87.2	31.1
450	457.2	9.5	8.8	4.5	26.6	9.5
20	20.000	0.375	32.2	16.1	97.3	34.8
500	508.0	9.5	9.8	5.0	29.7	10.6
24	24.000	0.375	38.9	19.5	113.0	40.4
600	609.6	9.5	11.9	6.0	34.4	12.3

For the reducing tee and branches, use the value that is corresponding to the branch size. For example: for 6" x 6" x 3" tee, the branch value of 3" is 12.8 ft (3.9).

MATERIAL SPECIFICATIONS

CAST FITTINGS:

Ductile iron conforming to ASTM A 536, Grade 65-45-12
Malleable iron conforming to ASTM A 47

FABRICATED FITTINGS:

1-12" Carbon steel, Schedule 40, conforming to ASTM A 53, Grade B
14-24" Carbon steel, 0.375 wall, conforming to ASTM A 53, Grade B

COATINGS:

Rust inhibiting paint – Color: ORANGE (standard)
Hot Dipped Zinc Galvanized conforming to ASTM A 153 (optional)
Other Colors Available (IE: RAL3000 and RAL9000)

FITTING SIZE			
Nominal Size	O.D.	Nominal Size	O.D.
In./DN(mm)	In./mm	In./DN(mm)	In./mm
1	1.315	5	5.563
25	33.4	140	141.3
1¼	1.660	6¼ O.D.	6.259
32	42.4	159.0	159.0
1½	1.900	6½ O.D.	6.500
40	48.3	165.1	165.1
2	2.375	6	6.625
50	60.3	150	168.3
2½	2.875	8	8.625
65	73.0	200	219.1
3 O.D.	2.996	10	10.750
76.1	76.1	250	273.0
3	3.500	12	12.750
80	88.9	300	323.9
3½	4.000	14	14.000
90	101.6	350	355.6
4¼ O.D.	4.250	16	16.000
108.0	108.0	400	406.4
4	4.500	18	18.000
100	114.3	450	457.2
5¼ O.D.	5.236	20	20.000
133.0	133.0	500	508.0
5½ O.D.	5.500	24	24.000
139.7	139.7	600	609.6

The Fitting Size Chart is used to determine the O.D. of the pipe that the fittings is to be used with. Gruvlok Fittings are identified by either the Nominal size in inches or the Pipe O.D. in/mm.