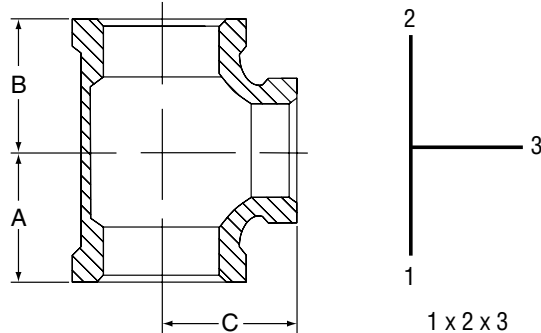


Class 150 (Standard)

FIG. 3105R

Reducing Tee



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

FIGURE 3105R - REDUCING TEE

Nominal Size			Dimensions			Approx. Wt. Each
1	2	3	A	B	C	
In. (mm)			In. (mm)	In. (mm)	In. (mm)	Lbs. (kg)
1/2 15	1/2 15	1/4	0.97 24.64	0.97 24.64	0.98 24.89	0.24 0.11
		3/8	1.04 26.42	1.04 26.42	1.03 26.16	0.27 0.12
		3/4	1.22 30.99	1.22 30.99	1.20 30.48	0.37 0.17
		1	1.36 34.54	1.36 34.54	1.26 32.00	0.49 0.22
		1 1/2	1.50 38.10	1.50 38.10	1.50 38.10	0.63 0.29
		2	1.66 42.17	1.66 42.17	1.66 42.17	0.79 0.36
3/4 20	1/2 15	1/4	1.20 30.48	1.12 28.45	1.22 28.45	0.38 0.17
		3/8	1.31 33.27	1.22 28.45	1.31 33.27	0.45 0.20
		1/2	1.45 36.83	1.45 36.83	1.37 28.45	0.62 0.28
	3/4 20	1/4	1.05 26.67	1.05 26.67	1.08 27.43	0.36 0.16
		3/8	1.12 28.45	1.12 28.45	1.13 28.70	0.39 0.18
		1/2	1.20 30.48	1.20 30.48	1.22 30.99	0.43 0.20
		3/4	1.37 34.80	1.22 28.45	1.45 34.54	0.56 0.25
		1	1.50 38.10	1.36 34.54	1.50 38.10	0.67 0.30
		1 1/2	1.66 42.17	1.66 42.17	1.66 42.17	0.79 0.36
		2	1.82 46.24	1.82 46.24	1.82 46.24	0.95 0.43
		2 1/2	1.98 50.30	1.98 50.30	1.98 50.30	1.11 0.50
		3	2.14 54.37	2.14 54.37	2.14 54.37	1.27 0.58
		3 1/2	2.30 58.43	2.30 58.43	2.30 58.43	1.43 0.65
		4	2.46 62.50	2.46 62.50	2.46 62.50	1.59 0.72

MATERIAL SPECIFICATIONS

Dimensions: Fittings: ASME B16.3
Unions: ASME B16.39
Bushings/Plugs: ASME B16.14

Material: ASTM A-197

Finish: Black or Hot Dip Galvanized per ASTM A153 Class A

Threads*: NPT per ASME B1.20.1

Pressure Ratings: Fittings: ASME B16.3
Unions: ASME B16.39
Bushings/Plugs: ASME B16.14

Pressure Testing: All malleable iron fittings are tested for through wall porosity using an air under water process.

Agency Approvals: All malleable iron fittings and unions are UL/ULC Listed and FM Approved.

* British Standard threading per BS 21 available upon request.

PROJECT INFORMATION

APPROVAL STAMP

Project:	☐ Approved
Address:	☐ Approved as noted
Contractor:	☐ Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

Class 150 (Standard)

FIG. 3105R

Reducing Tee

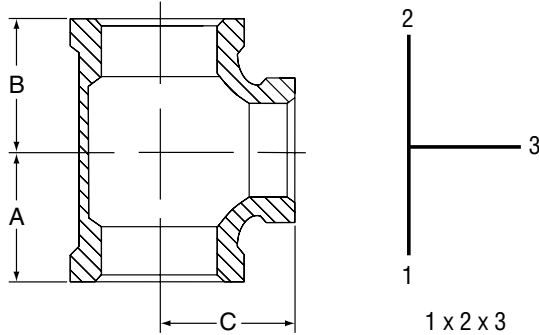


FIGURE 3105R - REDUCING TEE						
Nominal Size			Dimensions			Approx. Wt. Each
1	2	3	A	B	C	
In. (mm)			In. (mm)	In. (mm)	In. (mm)	Lbs. (kg)
1 25	3/4 20	1/2	1.26 32.00	1.20 30.48	1.36 34.54	0.53 0.24
		3/4	1.37 34.80	1.31 33.27	1.45 36.83	0.61 0.28
		1	1.50 38.10	1.45 36.83	1.50 38.10	0.71 0.32
		1 1/2	1.80 45.72	1.80 45.72	1.65 41.91	1.07 0.49
	1 25	3/8	1.18 29.97	1.18 29.97	1.27 32.26	0.57 0.26
		1/2	1.26 32.00	1.26 32.00	1.36 34.54	0.62 0.28
		3/4	1.37 34.80	1.37 34.80	1.45 36.83	0.69 0.31
		1	1.67 42.42	1.67 42.42	1.58 40.13	0.94 0.43
		1 1/2	1.80 45.72	1.80 45.72	1.65 41.91	1.07 0.49
		2	2.02 51.31	2.02 51.31	1.73 43.94	1.45 0.66
	1 1/4 32	1/2	1.58 40.13	1.36 34.54	1.67 42.42	0.82 0.37
		3/4	1.75 44.45	1.53 38.86	1.75 44.45	0.95 0.43
		1	1.58 40.13	1.45 36.83	1.67 42.42	0.87 0.39
		1 1/4	1.75 44.45	1.62 41.15	1.75 44.45	1.00 0.45
1 1/4 32	3/4 20	1/2	1.34 34.04	1.26 32.00	1.53 38.86	0.84 0.38
		3/4	1.45 36.83	1.45 36.83	1.62 41.15	0.92 0.42
		1	1.58 40.13	1.58 40.13	1.67 42.42	1.04 0.47
		1 1/2	1.88 47.75	1.88 47.75	1.82 46.23	1.34 0.61
	1 25	3/8	1.18 29.97	1.18 29.97	1.27 32.26	0.57 0.26
		1/2	1.26 32.00	1.26 32.00	1.36 34.54	0.62 0.28
		3/4	1.37 34.80	1.37 34.80	1.45 36.83	0.69 0.31
		1	1.67 42.42	1.67 42.42	1.58 40.13	0.94 0.43
		1 1/2	1.80 45.72	1.80 45.72	1.65 41.91	1.07 0.49
		2	2.02 51.31	2.02 51.31	1.73 43.94	1.45 0.66
		2 1/2	2.25 57.15	2.25 57.15	1.96 49.53	1.73 0.78
		3	2.48 62.86	2.48 62.86	2.19 55.69	1.96 0.89
1 1/2 40	3/4 20	1/2	1.41 35.81	1.41 35.81	1.66 42.16	1.04 0.47
		3/4	1.52 38.61	1.52 38.61	1.75 44.45	1.14 0.52
		1	1.65 41.91	1.65 41.91	1.80 45.72	1.27 0.58
		1 1/4	1.82 46.23	1.82 46.23	1.88 47.75	1.43 0.65
	1 25	3/8	1.18 29.97	1.18 29.97	1.27 32.26	0.57 0.26
		1/2	1.26 32.00	1.26 32.00	1.36 34.54	0.62 0.28
		3/4	1.37 34.80	1.37 34.80	1.45 36.83	0.69 0.31
		1	1.67 42.42	1.67 42.42	1.58 40.13	0.94 0.43
		1 1/2	1.80 45.72	1.80 45.72	1.65 41.91	1.07 0.49
		2	2.02 51.31	2.02 51.31	1.73 43.94	1.45 0.66
		2 1/2	2.25 57.15	2.25 57.15	1.96 49.53	1.73 0.78
		3	2.48 62.86	2.48 62.86	2.19 55.69	1.96 0.89

FIGURE 3105R - REDUCING TEE						
Nominal Size			Dimensions			Approx. Wt. Each
1	2	3	A	B	C	
In. (mm)			In. (mm)	In. (mm)	In. (mm)	Lbs. (kg)
1 1/4 32	1 1/4 32	3/8	1.26 32.00	1.26 32.00	1.44 36.58	0.78 0.35
		1/2	1.34 34.04	1.34 34.04	1.53 38.86	0.84 0.38
		3/4	1.45 36.83	1.45 36.83	1.62 41.15	0.92 0.42
		1	1.58 40.13	1.58 40.13	1.67 42.42	1.04 0.47
		1 1/2	1.88 47.75	1.88 47.75	1.82 46.23	1.34 0.61
		2	2.10 53.34	2.10 53.34	1.90 48.26	1.65 0.75
		2 1/2	2.31 58.68	2.31 58.68	2.01 53.11	1.88 0.85
		3	2.52 64.02	2.52 64.02	2.22 56.38	2.10 0.95
	1 1/2 40	1/2	1.94 49.28	1.66 42.16	1.94 49.28	1.24 0.56
		3/4	1.50 38.10	1.26 32.00	1.69 42.93	0.86 0.39
		1 1/2	1.94 49.28	1.75 44.45	1.94 49.28	1.29 0.59
		2	2.10 53.34	2.10 53.34	1.90 48.26	1.65 0.75
1 1/2 40	1 25	1/2	1.65 41.91	1.50 38.10	1.80 45.72	1.08 0.49
		3/4	1.82 46.23	1.67 42.42	1.88 47.75	1.23 0.56
		1 1/2	1.94 49.28	1.80 45.72	1.94 49.28	1.35 0.61
		2	2.10 53.34	2.10 53.34	1.90 48.26	1.65 0.75
	1 1/4 32	3/8	1.52 38.61	1.45 36.83	1.75 44.45	1.04 0.47
		1	1.65 41.91	1.58 40.13	1.80 45.72	1.17 0.53
		1 1/4	1.82 46.23	1.75 44.45	1.88 47.75	1.32 0.60
		1 1/2	1.94 49.28	1.88 47.75	1.94 49.28	1.45 0.66
		2	2.10 53.34	2.10 53.34	1.90 48.26	1.65 0.75
		2 1/2	2.31 58.68	2.31 58.68	2.01 53.11	1.88 0.85
		3	2.52 64.02	2.52 64.02	2.22 56.38	2.10 0.95
		3 1/2	2.73 69.36	2.73 69.36	2.43 61.65	2.32 1.05
1 1/2 40	1 1/2 40	1/2	1.41 35.81	1.41 35.81	1.66 42.16	1.04 0.47
		3/4	1.52 38.61	1.52 38.61	1.75 44.45	1.14 0.52
		1	1.65 41.91	1.65 41.91	1.80 45.72	1.27 0.58
		1 1/4	1.82 46.23	1.82 46.23	1.88 47.75	1.43 0.65
	1 25	3/8	1.18 29.97	1.18 29.97	1.27 32.26	0.57 0.26
		1/2	1.26 32.00	1.26 32.00	1.36 34.54	0.62 0.28
		3/4	1.37 34.80	1.37 34.80	1.45 36.83	0.69 0.31
		1	1.67 42.42	1.67 42.42	1.58 40.13	0.94 0.43
		1 1/2	1.80 45.72	1.80 45.72	1.65 41.91	1.07 0.49
		2	2.02 51.31	2.02 51.31	1.73 43.94	1.45 0.66
		2 1/2	2.25 57.15	2.25 57.15	1.96 49.53	1.73 0.78
		3	2.48 62.86	2.48 62.86	2.19 55.69	1.96 0.89

Class 150 (Standard)

FIG. 3105R

Reducing Tee

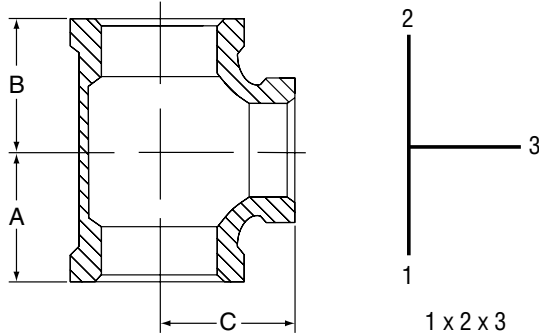


FIGURE 3105R - REDUCING TEE

Nominal Size			Dimensions			Approx. Wt. Each
1	2	3	A	B	C	
In. (mm)			In. (mm)	In. (mm)	In. (mm)	Lbs. (kg)
2 50	1/2 15	2 50	2.25 57.15	1.88 47.75	2.25 57.15	1.89 0.86
	3/4 20	2 50	2.25 57.15	1.97 50.04	2.25 57.15	1.93 0.88
	1 25	1 25	1.81 45.97	1.75 44.45	1.87 47.50	1.39 0.63
		2 50	2.25 57.15	2.02 51.31	2.25 57.15	2.00 0.91
	1 1/4 32	1 1/4 32	1.90 48.26	1.75 44.45	2.10 53.34	1.64 0.74
		1 1/2 40	2.02 51.31	1.88 47.75	2.16 54.86	1.80 0.82
		2 50	2.25 57.15	2.10 53.34	2.25 57.15	2.09 0.95
	1 1/2 40	1 25	1.73 43.94	1.65 41.91	2.02 51.31	1.57 0.71
		1 1/4 32	1.90 48.26	1.82 46.23	2.10 53.34	1.71 0.78
		1 1/2 40	2.02 51.31	1.94 49.28	2.16 54.86	1.88 0.85
		2 50	2.25 57.15	2.16 54.86	2.25 57.15	2.21 1.00
	2 50	1/2 15	1.49 37.85	1.49 37.85	1.88 47.75	1.53 0.69
		3/4 20	1.60 40.64	1.60 40.64	1.97 50.04	1.63 0.74
		1 25	1.73 43.94	1.73 43.94	2.02 51.31	1.78 0.81
		1 1/4 32	1.90 48.26	1.90 48.26	2.10 53.34	1.97 0.89
		1 1/2 40	2.02 51.31	2.02 51.31	2.16 54.86	2.12 0.96
		2 1/2 65	2.60 66.04	2.60 66.04	2.39 60.71	3.15 1.43

FIGURE 3105R - REDUCING TEE

Nominal Size			Dimensions			Approx. Wt. Each
1	2	3	A	B	C	
In. (mm)			In. (mm)	In. (mm)	In. (mm)	Lbs. (kg)
2 1/2 65	2 1/2 65	3/4 20	1.74 44.20	1.74 44.20	2.32 58.93	2.67 1.21
		1 25	1.87 47.50	1.87 47.50	2.37 60.20	2.84 1.29
		1 1/4 32	2.04 51.82	2.04 51.82	2.45 62.23	3.09 1.40
		1 1/2 40	2.16 54.86	2.16 54.86	2.51 63.75	3.29 1.49
		2 50	2.39 60.71	2.39 60.71	2.60 66.04	3.65 1.66
		2 50	2.52 64.01	2.25 57.15	2.89 73.41	3.88 1.76
3 80	3 80	3/4 20	1.87 47.50	1.87 47.50	2.61 66.29	3.72 1.69
		1 25	2.00 50.80	2.00 50.80	2.66 67.56	3.96 1.80
		1 1/4 32	2.17 55.12	2.17 55.12	2.74 69.60	4.23 1.92
		1 1/2 40	2.29 58.17	2.29 58.17	2.80 71.12	4.45 2.02
		2 50	2.52 64.01	2.52 64.01	2.89 73.41	4.90 2.22
		2 1/2 65	2.83 71.88	2.83 71.88	2.99 75.95	5.69 2.58
4 100	4 100	2 50	2.74 69.60	2.74 69.60	3.41 86.61	7.52 3.41
		2 1/2 65	3.05 77.47	3.05 77.47	3.51 89.15	8.51 3.86
		3 80	3.30 83.82	3.30 83.82	3.60 91.44	9.25 4.20