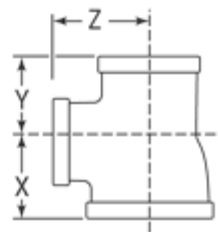


# Malleable Iron

## Class 150 (Standard)

**FIGURE 1105R**  
Reducing Tee



Size						X	Y	Z	Unit Weight						
									Black		Galv.				
NPS	DN	NPS	DN	NPS	DN	in	mm	in	mm	in	mm	lbs	kg	lbs	kg
1/8	6	1/8	6	1/4	8	3/4	19	3/4	19	3/4	19	0.12	0.05	0.12	0.05
1/4	8	1/4	8	1/8	6	3/4	19	3/4	19	3/4	19	0.13	0.06	0.13	0.06
				3/8	10	15/16	24	15/16	24	7/8	22	0.19	0.09	0.19	0.09
3/8	10	1/4	8	1/4	8	7/8	22	13/16	22	15/16	24	0.19	0.09	0.19	0.09
				3/8	10	15/16	24	15/16	24	15/16	24	0.21	0.10	0.21	0.10
		3/8	10	1/4	8	7/8	22	7/8	22	15/16	24	0.21	0.10	0.21	0.10
				1/2	15	1 1/16	27	1 1/16	27	1 1/16	27	0.27	0.12	0.27	0.12
		1/2	15	1/4	8	1 1/8	29	1 1/8	29	1 1/8	29	0.29	0.13	0.29	0.13
				3/8	10	1 1/16	27	1	25	1 1/16	27	0.28	0.13	0.28	0.13
		1/2	15	1/2	15	1 1/8	29	1 1/8	29	1 1/8	29	0.33	0.15	0.33	0.15
				1/4	8	1	25	1	25	1	25	0.27	0.12	0.27	0.12
		1/2	15	3/8	10	1 1/16	27	1 1/16	27	1 1/16	27	0.30	0.14	0.30	0.14
				3/4	20	1 1/4	32	1 1/4	32	1 3/16	30	0.45	0.20	0.45	0.20
		1	25	1	25	1 3/8	35	1 3/8	35	1 1/4	32	0.55	0.25	0.55	0.25
				1/4	8	3/4	20	1 1/16	33	1 1/8	29	1 1/16	33	0.45	0.20
		3/8	10	3/8	10	1 1/8	29	1 1/16	24	1 1/8	29	0.36	0.16	-	-
				3/4	20	1 1/16	33	1 1/8	29	1 1/16	33	0.46	0.21	0.46	0.21
		1/2	15	1/2	15	1 1/16	30	1 1/8	29	1 1/4	32	0.43	0.20	0.43	0.20
				3/4	20	1 1/16	33	1 1/4	32	1 1/16	33	0.51	0.23	0.51	0.23
		3/4	20	1/4	8	1 1/16	27	1 1/16	27	1 1/8	29	0.38	0.17	0.38	0.17
				3/8	10	1 1/8	29	1 1/8	29	1 1/8	29	0.42	0.19	0.42	0.19
		3/4	20	1/2	15	1 1/16	22	1 3/16	30	1 1/4	32	0.47	0.21	0.47	0.21
				1	25	1 1/16	37	1 1/16	37	1 3/8	35	0.62	0.28	0.62	0.28
		1 1/4	32	1 1/8	41	1 1/8	41	1 1/8	41	1 1/16	37	0.90	0.41	0.90	0.41
				1/4	8	1 1/2	38	1 1/8	33	1 1/2	38	0.69	0.31	0.69	0.31
		1/2	15	1/2	15	1 1/4	32	1 1/8	29	1 3/8	35	0.70	0.32	0.70	0.32
				3/4	20	1 3/8	35	1 1/4	32	1 7/16	37	0.56	0.25	0.56	0.25
		1	25	1	25	1 1/2	38	1 3/8	35	1 1/2	38	0.76	0.34	0.76	0.34
				1/2	15	1 1/4	32	1 3/16	30	1 3/8	35	0.59	0.27	0.59	0.27
		3/4	20	3/4	20	1 3/8	35	1 1/16	33	1 7/16	37	0.74	0.34	0.74	0.34
				1	25	1 1/2	38	1 1/16	37	1 1/2	38	0.78	0.35	0.78	0.35
		1	25	1/4	8	1 1/8	29	1 1/8	29	1 1/4	44	0.53	0.24	0.53	0.24
				3/8	10	1 3/16	30	1 3/16	30	1 1/4	32	0.60	0.27	0.60	0.27
		1/2	15	1/4	8	1 1/4	32	1 1/4	32	1 3/8	35	0.70	0.32	0.70	0.32
				3/4	20	1 3/8	35	1 3/8	35	1 1/16	37	0.82	0.37	0.82	0.37
		1 1/4	32	1 1/4	32	1 1 1/16	43	1 1 1/16	43	1 1/16	40	0.92	0.42	0.92	0.42
				1 1/2	40	1 1 3/16	47	1 1 3/16	46	1 1/8	41	1.19	0.54	1.19	0.54
		2	50	2	51	2	51	2	51	1 3/4	44	1.63	0.74	1.63	0.74

See additional sizes on following page.

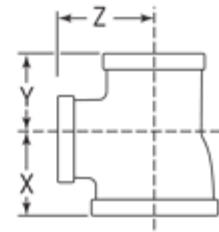
**Note:** See page 17 for pressure-temperature ratings. Galvanized weights may vary. Please contact your Arvil Representative if you need verification.

All Elbows & Tees 1/2" (10 DN) and Larger are 100% Gas Tested at a Minimum of 100 PSI. (6.9 bar)

# Malleable Iron

## Class 150 (Standard)

**FIGURE 1105R**  
Reducing Tee (Cont'd.)



Size				X	Y	Z	Unit Weight								
							Black		Galv.						
NPS	DN	NPS	DN	in	mm	in	mm	in	mm	lbs	kg	lbs	kg		
1 1/4	32	1/2	15	1	25	1 1/16	40	1 3/8	35	1 11/16	43	0.87	0.39	0.87	0.39
				1 1/4	32	1 3/4	44	1 9/16	40	1 3/4	44	1.04	0.47	1.04	0.47
		3/4	20	3/4	20	1 1/16	37	1 5/16	33	1 5/8	41	0.86	0.39	0.86	0.39
				1	25	1 1/16	40	1 7/16	37	1 11/16	43	0.91	0.41	0.91	0.41
		1	25	1 1/4	32	1 3/4	44	1 5/8	41	1 3/4	44	1.04	0.47	1.04	0.47
				1/2	15	1 3/8	35	1 1/4	32	1 9/16	40	0.76	0.34	0.76	0.34
	3/4			20	1 7/16	37	1 3/8	35	1 5/8	41	0.87	0.39	0.87	0.39	
	1			25	1 1/16	40	1 1/2	38	1 11/16	43	1.11	0.50	1.11	0.50	
	1 1/4	32	1 1/4	32	1 3/4	44	1 11/16	43	1 3/4	44	1.13	0.51	1.13	0.51	
			3/8	10	1 1/4	32	1 1/4	32	1 7/16	37	0.86	0.39	0.86	0.39	
			1/2	15	1 3/8	35	1 3/8	35	1 9/16	40	0.98	0.44	0.98	0.44	
			3/4	20	1 7/16	37	1 7/16	37	1 5/8	41	1.07	0.49	1.07	0.49	
			1	25	1 9/16	40	1 9/16	40	1 11/16	43	1.18	0.54	1.18	0.54	
			1 1/2	40	1 7/8	48	1 7/8	48	1 13/16	47	1.45	0.66	1.45	0.66	
	1 1/2	40	2	50	2 1/8	54	2 1/8	54	1 7/8	48	1.70	0.77	1.70	0.77	
			1/2	15	1 1/2	40	1 5/16	49	1 11/16	43	1 15/16	49	1.33	0.60	1.33
3/4			20	3/4	20	1 1/2	38	1 5/16	33	1 3/4	44	1.00	0.45	1.00	0.45
1			25	1 1/2	40	1 5/16	49	1 3/4	44	1 15/16	49	1.41	0.64	1.41	0.64
				1	25	1	25	1 5/8	41	1 1/2	38	1 13/16	47	1.14	0.52
1 1/4			32	1 1/4	32	1 3/16	47	1 11/16	43	1 7/8	48	1.30	0.59	1.30	0.59
		1 1/2		40	1 5/16	49	1 13/16	47	1 15/16	49	1.50	0.68	1.50	0.68	
		1/2		15	1 7/16	37	1 3/8	35	1 11/16	43	1.05	0.48	1.05	0.48	
		3/4		20	1 1/2	38	1 7/16	37	1 3/4	44	1.08	0.49	1.08	0.49	
1 1/2		40	1	25	1 5/8	41	1 9/16	40	1 13/16	47	1.26	0.57	1.26	0.57	
			1 1/4	32	1 13/16	47	1 3/4	44	1 7/8	48	1.52	0.69	1.52	0.69	
			1 1/2	40	1 5/16	49	1 7/8	48	1 15/16	49	1.50	0.68	1.50	0.68	
			1/2	15	1 7/16	37	1 7/16	37	1 11/16	43	1.19	0.54	1.19	0.54	
			3/4	20	1 1/2	38	1 1/2	38	1 3/4	44	1.60	0.73	1.60	0.73	
			1	25	1 5/8	41	1 5/8	41	1 13/16	47	1.45	0.66	1.45	0.66	
1 1/2		40	1 1/4	32	1 13/16	47	1 13/16	47	1 7/8	48	1.45	0.66	1.45	0.66	
	2		50	2 3/16	56	2 3/16	56	2	51	1.86	0.84	1.86	0.84		

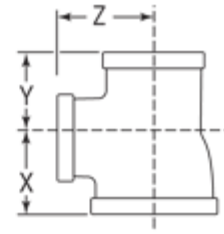
See additional sizes on previous and following page.

**Note:** See page 17 for pressure-temperature ratings. Galvanized weights may vary. Please contact your Anvil Representative if you need verification. All Elbows & Tees 3/4" (10 DN) and Larger are 100% Gas Tested at a Minimum of 100 PSi. (6.9 bar)

# Malleable Iron

## Class 150 (Standard)

**FIGURE 1105R**  
Reducing Tee (Cont'd.)



Size				X		Y		Z		Unit Weight						
NPS		DN		NPS		DN		in		mm		Black		Galv.		
NPS		DN		NPS		DN		in		mm		lbs	kg	lbs	kg	
2	50	1/2	15	2	50	2 1/4	57	1 7/8	48	2 1/4	57	2.15	0.98	2.15	0.98	
			20	2	50	2 1/4	57	1 15/16	49	2 1/4	57	2.00	0.91	2.00	0.91	
			25	2	50	2 1/4	57	2	51	2 1/4	57	2.14	0.97	2.14	0.97	
		1 1/4	32	1 1/4	32	1 7/8	48	1 3/4	44	2 1/8	54	1.72	0.78	1.72	0.78	
			40	1 1/2	40	2	51	1 7/8	48	2 3/16	56	1.85	0.84	1.85	0.84	
			50	2	50	2 1/4	57	2 1/8	54	2 1/4	57	2.20	1.00	2.20	1.00	
	2	1 1/2	40	1	25	1 3/4	44	1 5/8	41	2	51	1.57	0.71	1.57	0.71	
			40	1 1/4	32	1 7/8	48	1 13/16	47	2 1/8	54	1.76	0.80	1.76	0.80	
			40	1 1/2	40	2	51	1 15/16	49	2 3/16	56	1.95	0.88	1.95	0.88	
		2	50	1 1/2	40	2	51	2 1/4	57	2 3/16	56	2.24	1.02	2.24	1.02	
			50	1/2	15	1 1/2	38	1 1/2	38	1 7/8	48	1.65	0.75	1.65	0.75	
			50	3/4	20	1 5/8	41	1 5/8	41	2	51	1.87	0.85	1.87	0.85	
2 1/2	65	1 1/2	40	2	50	2 3/8	60	2 3/16	56	2 5/8	67	3.43	1.56	3.43	1.56	
			50	2 1/2	65	2 11/16	68	2 1/2	64	2 11/16	68	3.80	1.72	3.80	1.72	
			50	2	50	2 3/8	60	2 1/4	57	2 5/8	67	3.28	1.49	3.28	1.49	
		2 1/2	65	2 1/2	65	2 11/16	68	2 5/8	67	2 11/16	68	4.10	1.86	4.10	1.86	
			65	3/4	20	1 3/4	44	1 3/4	44	2 3/16	59	2.72	1.23	2.72	1.23	
			65	1	25	1 7/8	48	1 7/8	48	2 3/8	60	2.85	1.29	2.85	1.29	
	3	80	2	50	2	50	2 1/2	64	2 1/4	57	2 7/8	73	4.50	2.04	4.50	2.04
				80	3	80	3 1/8	79	2 7/8	73	3 1/8	79	5.80	2.63	5.80	2.63
				80	2 1/2	65	2 1/2	64	2 3/8	60	2 7/8	73	4.80	2.18	4.80	2.18
			3	80	2 1/2	65	2 13/16	73	2 11/16	68	3	76	5.80	2.63	5.80	2.63
				80	3/4	20	1 7/8	48	1 7/8	48	2 5/8	67	4.03	1.83	4.03	1.83
				80	1	25	2	51	2	51	2 5/8	67	4.13	1.87	4.13	1.87
4	100	3	80	1 1/4	32	2 3/16	56	2 3/16	56	2 3/4	70	4.50	2.04	4.50	2.04	
			100	1 1/2	40	2 3/16	59	2 5/16	59	2 13/16	73	5.18	2.35	5.18	2.35	
			100	2	50	2 1/2	64	2 1/2	64	2 7/8	73	5.70	2.59	5.70	2.59	
		4	100	2 1/2	65	2 13/16	73	2 13/16	73	3	76	6.09	2.76	6.09	2.76	
			100	3	80	3 13/16	98	3 5/8	92	3 13/16	98	10.40	4.72	10.40	4.72	
			100	1 1/2	40	2 1/2	65	2 1/2	65	3 3/8	86	7.47	3.39	7.47	3.39	
4	100	4	100	2	50	2 3/4	70	2 3/4	70	3 1/16	87	8.39	3.80	8.39	3.80	
			100	2 1/2	65	3 1/16	78	3 1/16	78	3 1/2	89	9.60	4.35	9.60	4.35	
			100	3	80	3 5/16	84	3 5/16	84	3 5/8	92	11.02	5.00	11.02	5.00	

See additional sizes on previous page.

Note: See page 17 for pressure-temperature ratings. Galvanized weights may vary. Please contact your Arvil Representative if you need verification.

All Elbows & Tees 1/2" (10 DN) and Larger are 100% Gas Tested at a Minimum of 100 PSI. (6.9 bar)