



MALLEABLE IRON THREADED FITTINGS



INCHES/METRIC

MALLEABLE IRON THREADED FITTINGS



90° ELBOWS
CLASS 150 M.I.



90° REDUCING ELBOWS
CLASS 150 M.I.



45° ELBOWS
CLASS 150 M.I.



CROSSES
CLASS 150 M.I.



TEES
CLASS 150 M.I.



REDUCING TEES
CLASS 150 M.I.



COUPLINGS
CLASS 150 M.I.



REDUCING COUPLINGS
CLASS 150 M.I.



90° STREET ELBOWS
CLASS 150 M.I.



45° STREET ELBOWS
CLASS 150 M.I.



CAPS
CLASS 150 M.I.



UNIONS
CLASS 150 M.I.



FLOOR FLANGES
CLASS 150 M.I.

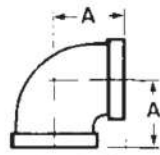


SQUARE HEAD PLUGS

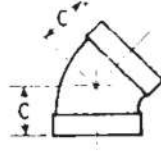


HEXAGON BUSHINGS

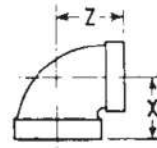
CLASS 150 MALLEABLE IRON THREADED FITTINGS ASTM A197



90° ELBOW



45° ELBOW



90° REDUCING ELBOW

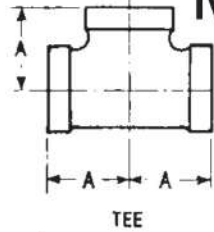
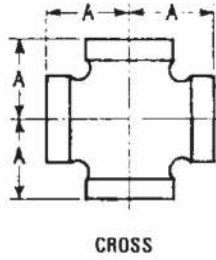


90° ELBOWS				45° ELBOWS				90° REDUCING ELBOWS				90° REDUCING ELBOWS					
Size		Dimension		Size		Dimension		Size		Dimensions		Size		Dimensions			
NPS	DN	A	Approx. Weight	NPS	DN	C	Approx. Weight	NPS	DN	X	Z	Approx. Weight	NPS	DN	X	Z	Approx. Weight
1/8		.69	.07	*1/8		.69	.07	1/4x1/8		.74	.76	.08	1 1/2x1 1/4		1.82	1.88	.95
	3	17.5	.03		*3	17.5	.03		6x3	18.8	19.3	.04		40x32	46.2	47.8	.43
1/4		.81	.11	1/4		.73	.11	3/8x1/4		.88	.90	.11	1 1/2x1		1.65	1.80	.86
	6	20.6	.05		6	18.5	.05		10x6	22.4	22.9	.05		40x25	41.9	45.7	.39
3/8		.95	.15	3/8		.80	.15	3/8x1/8		.81	.85	.12	1 1/2x3/4		1.52	1.75	.66
	10	24.1	.07		10	20.3	.07		10x3	20.5	21.6	.06		40x20	38.6	44.5	.30
1/2		1.12	.22	1/2		.88	.22	1/2x3/8		1.04	1.03	.19	2x1 1/2		2.02	2.16	1.4
	15	28.5	.10		15	22.4	.09		15x10	26.4	26.2	.09		50x40	51.3	54.9	.63
3/4		1.31	.35	3/4		.98	.31	1/2x1/4		.97	.98	.18	2x1 1/4		1.90	2.10	1.3
	20	33.3	.16		20	24.9	.14		15x6	24.6	24.9	.08		50x32	48.3	53.3	.60
1		1.50	.55	1		1.12	.51	3/4x1/2		1.20	1.22	.29	2x1		1.73	2.02	1.1
	25	38.1	.25		25	28.5	.23		20x15	30.5	31.0	.13		50x25	43.9	51.3	.51
1 1/4		1.75	.93	1 1/4		1.29	.75	3/4x3/8		1.12	1.13	.24	2x3/4		1.60	1.97	.90
	32	44.5	.42		32	32.8	.34		20x10	28.5	28.7	.11		50x20	40.6	50.0	.41
1 1/2		1.94	1.1	1 1/2		1.43	.97	3/4x1/2		1.05	1.08	.22	2 1/2x2		2.39	2.60	2.3
	40	49.3	.49		40	36.3	.44		20x6	26.7	27.4	.10		65x50	60.7	66.0	1.04
2		2.25	1.8	2		1.68	1.6	*3/4x1/8		1.13	1.13	.31	2 1/2x1 1/2		2.16	2.51	2.2
	50	57.2	.80		50	42.7	.71		*20x3	28.7	28.7	.14		65x40	54.9	63.8	1.01
2 1/2		2.70	2.9	2 1/2		1.95	2.4	1 x 3/4		1.37	1.45	.46	3x2 1/2		2.83	2.99	3.6
	65	68.6	1.3		65	49.5	1.1		25x20	34.8	36.8	.21		80x65	71.9	75.9	1.62
3		3.08	3.9	3		2.17	3.3	1x1/2		1.26	1.36	.44	3x2		2.52	2.89	2.7
	80	78.2	1.8		80	55.1	1.5		25x15	32.0	35.5	.20		80x50	64.0	73.4	1.21
3 1/2		3.42	6.2	3 1/2		2.39	5.8	1x3/8		1.18	1.27	.41	4x3		3.30	3.60	7.7
	90	86.9	2.8		90	60.7	2.6		25x10	30.0	32.3	.19		100x80	83.8	91.4	.35
4		3.79	8.2	4		2.61	6.2	1 1/4x1		1.58	1.67	.75					
	100	96.3	3.7		100	66.3	2.8		32x25	40.1	42.4	.34					
5		4.50	12.6	5		3.05	11.5	1 1/4x3/4		1.45	1.62	.57					
	125	114.3	5.7		125	77.5	5.2		32x20	36.8	41.2	.26					
6		5.13	19.6	6		3.46	13.9	1 1/4x1/2		1.34	1.53	.51					
	150	130.3	8.9		150	87.9	6.3		32x15	34.0	38.9	.23					

*These sizes not specified in ASME/ANSI B16.3

INCHES
MILLIMETRES

POUNDS
KILOGRAMS



CLASS 150 MALLEABLE IRON THREADED FITTINGS ASTM A197

CROSSES				TEES			
Size		Dimension	Approx. Weight	Size		Dimension	Approx. Weight
NPS	DN	A		NPS	DN	A	
1/8	3	.69 17.5	.15 .07	1/8	3	.69 17.5	.09 .04
1/4	6	.81 20.6	.17 .08	1/4	6	.81 20.6	.11 .05
3/8	10	.95 24.1	.31 .14	3/8	10	.95 24.1	.20 .09
1/2	15	1.12 28.5	.30 .14	1/2	15	1.12 28.5	.24 .11
3/4	20	1.31 33.3	.49 .22	3/4	20	1.31 33.3	.42 .19
1	25	1.50 38.1	.79 .36	1	25	1.50 38.1	.66 .30
1 1/4	32	1.75 44.5	1.3 .57	1 1/4	32	1.75 44.5	1.1 .49
1 1/2	40	1.94 49.3	1.5 .66	1 1/2	40	1.94 49.3	1.3 .59
2	50	2.25 57.2	2.4 1.1	2	50	2.25 57.2	2.0 .91
2 1/2	65	2.70 68.6	4.6 2.09	2 1/2	65	2.70 68.6	3.6 1.61
3	80	3.08 78.2	6.1 2.76	3	80	3.08 78.2	5.0 2.28
3 1/2	90	3.42 86.9	8.6 3.89	3 1/2	90	3.42 86.9	7.2 3.28
4	100	3.79 96.3	11.9 5.38	4	100	3.79 96.3	9.3 4.23
5	125	4.50 114.3	22.0 10.0	5	125	4.50 114.3	17.2 7.82
6	150	5.13 130.3	23.9 10.84	6	150	5.13 130.3	22.9 10.40

INCHES
MILLIMETRES

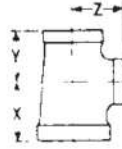
POUNDS
KILOGRAMS

CLASS 150

Malleable Iron Threaded

REDUCING TEES

ASTM A197



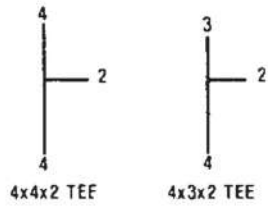
STRAIGHT RUN,
REDUCING OUTLET

Size		Dimensions			Approx. Weight	Size		Dimensions			Approx. Weight
NPS	DN	X	Y	Z		NPS	DN	X	Y	Z	
1/4 x 1/4 x 1/8		.74	.74	.76	.12	1 x 3/4 x 1		1.50	1.45	1.50	.74
	6 x 6 x 3	18.8	18.8	19.3	.05		25 x 20 x 25	38.1	36.8	38.1	.33
3/8 x 3/8 x 1/4		.88	.88	.90	.20	1 x 3/4 x 3/4		1.37	1.31	1.45	.62
	10 x 10 x 6	22.4	22.4	22.9	.09		25 x 20 x 20	34.8	33.3	36.8	.28
3/8 x 1/4 x 3/8		.95	.90	.95	.19	1 x 3/4 x 1/2		1.26	1.20	1.36	.56
	10 x 6 x 10	24.1	22.9	24.1	.09		25 x 20 x 15	32.0	30.5	35.5	.25
3/8 x 1/4 x 1/4		.88	.81	.90	.20	1 x 1/2 x 1		1.50	1.36	1.50	.68
	10 x 6 x 6	22.4	20.6	22.9	.09		25 x 15 x 25	38.1	35.5	38.1	.31
1/2 x 1/2 x 3/8		1.04	1.05	1.03	.28	1 x 1/2 x 3/4		1.37	1.22	1.45	.59
	15 x 15 x 10	26.4	26.4	26.2	.13		25 x 15 x 20	34.8	31.0	36.8	.27
1/2 x 1/2 x 1/4		.97	.97	.98	.26	1 x 1/2 x 1/2		1.26	1.12	1.36	.59
	15 x 15 x 6	24.6	24.6	24.9	.12		25 x 15 x 15	32.0	28.5	35.5	.27
1/2 x 3/8 x 1/2		1.12	1.03	1.12	.30	1 1/4 x 1 1/4 x 1		1.58	1.58	1.67	1.11
	15 x 10 x 15	28.5	26.2	28.5	.14		32 x 32 x 25	40.1	40.1	42.4	.52
1/2 x 3/8 x 3/8		1.04	.95	1.03	.27	1 1/4 x 1 1/4 x 3/4		1.45	1.45	1.62	.90
	15 x 10 x 10	26.4	24.1	26.2	.12		32 x 32 x 20	36.8	36.8	41.2	.41
1/2 x 1/4 x 1/2		1.12	.98	1.12	.28	1 1/4 x 1 1/4 x 1/2		1.34	1.34	1.53	.86
	15 x 6 x 15	28.5	24.9	28.5	.13		32 x 32 x 15	34.0	34.0	38.9	.39
3/4 x 3/4 x 1/2		1.20	1.20	1.22	.42	1 1/4 x 1 1/4 x 3/8		1.26	1.26	1.44	.75
	20 x 20 x 15	30.5	30.5	31.0	.19		32 x 32 x 10	32.0	32.0	36.6	.34
3/4 x 3/4 x 3/8		1.12	1.12	1.13	.39	1 1/4 x 1 x 1 1/4		1.75	1.67	1.75	1.1
	20 x 20 x 10	28.5	28.5	28.7	.18		32 x 25 x 32	44.5	42.4	44.5	.52
3/4 x 3/4 x 1/4		1.05	1.05	1.08	.35	1 1/4 x 1 x 1		1.58	1.50	1.67	1.1
	20 x 20 x 6	26.7	26.7	27.4	.16		32 x 25 x 25	40.1	38.1	42.4	.52
3/4 x 1/2 x 3/4		1.31	1.22	1.31	.47	1 1/4 x 1 x 3/4		1.45	1.37	1.62	.83
	20 x 15 x 20	33.3	31.0	33.3	.21		32 x 25 x 20	36.8	34.8	41.2	.38
3/4 x 1/2 x 1/2		1.20	1.12	1.22	.42	1 1/4 x 1 x 1/2		1.34	1.26	1.53	.78
	20 x 15 x 15	30.5	28.5	31.0	.19		32 x 25 x 15	34.0	32.0	38.9	.35
3/4 x 3/8 x 3/4		1.31	1.13	1.31	.44	1 1/4 x 3/4 x 1 1/4		1.75	1.62	1.75	1.1
	20 x 10 x 20	33.3	28.7	33.3	.20		32 x 20 x 32	44.5	41.2	44.5	.50
3/4 x 3/8 x 3/8		1.12	.95	1.13	.33	1/4 x 3/4 x 1		1.58	1.45	1.67	.92
	20 x 10 x 10	28.5	24.1	28.7	.15		32 x 20 x 25	40.1	36.8	42.4	.42
3/4 x 1/4 x 3/4		1.31	1.08	1.31	.42	1 1/4 x 3/4 x 3/4		1.45	1.31	1.62	.90
	20 x 6 x 20	33.3	27.4	33.3	.19		32 x 20 x 20	36.8	33.3	41.2	.41
1 x 1 x 3/4		1.37	1.37	1.45	.62	1 1/2 x 1 1/2 x 1 1/4		1.82	1.82	1.88	1.3
	25 x 25 x 20	34.8	34.8	36.8	.28		40 x 40 x 32	46.2	46.2	47.8	.61
1 x 1 x 1/2		1.26	1.26	1.36	.59	1 1/2 x 1 1/2 x 1		1.65	1.65	1.80	1.2
	25 x 25 x 15	32.0	32.0	35.5	.27		40 x 40 x 25	41.9	41.9	45.7	.56
1 x 1 x 3/8		1.18	1.18	1.27	.53	1 1/2 x 1 1/2 x 3/4		1.52	1.52	1.75	1.1
	25 x 25 x 10	30.0	30.0	32.3	.24		40 x 40 x 20	38.6	38.6	44.5	.52
1 x 1 x 1/4		1.11	1.11	1.22	.55	1 1/2 x 1 1/2 x 1/2		1.41	1.41	1.66	.86
	25 x 25 x 6	28.2	28.2	31.0	.25		40 x 40 x 15	35.8	35.8	42.2	.39

Continued

INCHES	POUNDS
MILLIMETRES	KILOGRAMS

IDENTIFICATION OF REDUCING TEES



CLASS 150

Malleable Iron Threaded

REDUCING TEES

continued

ASTM A197

Size		Dimensions			Approx. Weight	Size		Dimensions			Approx. Weight
NPS	DN	X	Y	Z		NPS	DN	X	Y	Z	
1 1/2 x 1 1/4 x 1 1/2		1.94	1.88	1.94	1.6	2 1/2 x 2 1/2 x 1 1/2		2.16	2.16	2.51	2.9
	40 x 32 x 40	49.3	47.8	49.3	.73		65 x 65 x 40	54.9	54.9	63.8	1.3
1 1/2 x 1 1/4 x 1 1/4		1.82	1.75	1.88	1.3	2 1/2 x 2 1/2 x 1 1/4		2.04	2.04	2.45	2.9
	40 x 32 x 32	46.2	44.5	47.8	.61		65 x 65 x 32	51.8	51.8	62.2	1.3
1 1/2 x 1 1/4 x 1		1.65	1.58	1.80	1.2	2 1/2 x 2 1/2 x 1		1.87	1.87	2.37	2.6
	40 x 32 x 25	41.9	40.1	45.7	.54		65 x 65 x 25	47.5	47.5	60.2	1.2
1 1/2 x 1 1/4 x 3/4		1.52	1.45	1.75	1.1	2 1/2 x 2 1/2 x 3/4		1.74	1.74	2.32	2.2
	40 x 32 x 20	38.6	36.3	44.5	.50		65 x 65 x 20	44.2	44.2	58.9	1.0
2 x 2 x 1 1/2		2.02	2.02	2.16	2.1	2 1/2 x 2 x 2 1/2		2.70	2.60	2.70	4.1
	50 x 50 x 40	51.3	51.3	54.9	.96		65 x 50 x 65	68.6	66.0	68.6	1.9
2 x 2 x 1 1/4		1.90	1.90	2.10	1.9	2 1/2 x 2 x 2		2.39	2.25	2.60	3.3
	50 x 50 x 32	48.3	48.3	53.3	.89		65 x 50 x 50	60.7	57.2	66.0	1.5
2 x 2 x 1		1.73	1.73	2.02	1.6	*2 1/2 x 2 x 1 1/2		2.81	2.81	2.50	4.0
	50 x 50 x 25	43.9	43.9	51.3	.73		*65 x 50 x 40	71.4	71.4	63.5	1.8
2 x 2 x 3/4		1.60	1.60	1.97	1.6	3 x 3 x 2 1/2		2.83	2.83	2.99	4.9
	50 x 50 x 20	40.6	40.6	50.0	.72		80 x 80 x 65	71.9	71.9	76.0	2.2
2 x 2 x 1/2		1.49	1.49	1.88	1.3	3 x 3 x 2		2.52	2.52	2.89	3.9
	50 x 50 x 15	37.9	37.9	47.8	.61		80 x 80 x 50	64.0	64.0	73.4	1.8
*2 x 2 x 3/8		1.49	1.49	1.88	1.6	3 x 3 x 1 1/2		2.29	2.29	2.80	3.7
	*50 x 50 x 10	37.9	37.9	47.8	.73		80 x 80 x 40	58.2	58.2	71.1	1.7
2 x 1 1/2 x 2		2.25	2.16	2.25	2.3	3 x 3 x 1 1/4		2.17	2.17	2.74	3.7
	50 x 40 x 50	57.2	54.8	57.2	1.0		80 x 80 x 32	55.1	55.1	69.6	1.7
2 x 1 1/2 x 1 1/2		2.02	1.94	2.16	2.1	4 x 4 x 3		3.30	3.30	3.60	8.1
	50 x 40 x 40	51.3	49.3	54.9	.96		100 x 100 x 80	83.8	83.8	91.4	3.7
2 x 1 1/2 x 1 1/4		1.90	1.82	2.10	1.8	4 x 4 x 2 1/2		3.05	3.05	3.51	8.1
	50 x 40 x 32	48.3	46.2	53.3	.82		100 x 100 x 65	77.5	77.5	89.2	3.7
2 x 1 1/2 x 1		1.73	1.65	2.02	1.6	4 x 4 x 2		2.74	2.74	3.41	6.8
	50 x 40 x 25	43.9	41.9	51.3	.73		100 x 100 x 50	69.6	69.6	86.6	3.1
2 x 1 1/4 x 2		2.25	2.10	2.25	2.3	4 x 4 x 1 1/2		2.51	2.51	3.32	6.3
	50 x 32 x 50	57.2	53.3	57.2	1.0		100 x 100 x 40	63.8	63.8	84.3	2.9
2 x 1/4 x 1 1/2		2.02	1.88	2.16	1.9	*4 x 4 x 1 1/4		2.75	2.75	3.44	6.1
	50 x 32 x 40	51.3	47.8	54.9	.86		*100 x 100 x 32	69.9	69.9	87.4	2.8
2 x 1 1/4 x 1 1/4		1.90	1.75	2.10	1.9	*4 x 4 x 1		2.75	2.75	3.44	5.8
	50 x 32 x 32	48.3	44.5	53.3	.89		*100 x 100 x 25	69.9	69.9	87.4	2.6
2 x 1 x 2		2.25	2.02	2.25	2.1	6 x 6 x 4		4.13	4.13	4.94	17.9
	50 x 25 x 50	57.2	51.3	57.2	.95		150 x 150 x 100	104.9	104.9	125.5	8.1
2 x 3/4 x 2		2.25	1.97	2.25	2.1	6 x 6 x 3		3.64	3.64	4.75	16.1
	50 x 20 x 50	57.2	50.0	57.2	.95		150 x 150 x 80	92.5	92.5	120.7	7.3
2 x 1/2 x 2		2.25	1.88	2.25	2.1	6 x 6 x 2		3.08	3.08	4.56	13.9
	50 x 15 x 50	57.2	47.8	57.2	.95		150 x 150 x 50	78.2	78.2	115.8	16.3
2 1/2 x 2 1/2 x 2		2.39	2.39	2.60	3.3						
	65 x 65 x 50	60.7	60.7	66.0	1.5						

INCHES	POUNDS
MILLIMETRES	KILOGRAMS

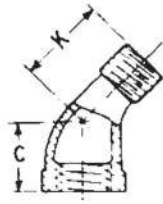
*These sizes not specified by ASME/ANSI B16.3

CLASS 150

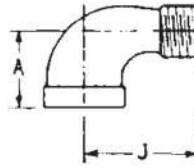
Malleable Iron Threaded

STREET ELBOWS

ASTM A197



45° STREET ELBOW



90° STREET ELBOW

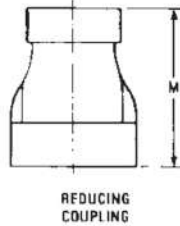
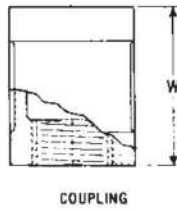


45° STREET ELBOWS					90° STREET ELBOWS					
Size		Dimensions			Approx. Weight	Size		Dimensions		Approx. Weight
NPS	DN	C	K	NPS		DN	A	J		
*1/8		.69	.88	.06	1/8		.69	1.00	.07	
	*3	17.5	22.4	.03		3	17.5	25.4	.03	
1/4		.73	.94	.09	1/4		.81	1.19	.09	
	6	18.5	23.9	.04		6	20.6	30.2	.04	
3/8		.80	1.03	.13	3/8		.95	1.44	.13	
	10	20.3	26.2	.06		10	24.1	36.6	.06	
1/2		.88	1.15	.17	1/2		1.12	1.63	.22	
	15	22.4	29.2	.08		15	28.5	41.2	.10	
3/4		.98	1.29	.29	3/4		1.31	1.89	.33	
	20	24.9	32.8	.13		20	33.3	48.0	.15	
1		1.12	1.47	.46	1		1.50	2.14	.55	
	25	28.5	37.3	.21		25	38.1	54.4	.25	
1 1/4		1.29	1.71	.79	1 1/4		1.75	2.45	.88	
	32	32.8	43.4	.36		32	44.5	62.2	.40	
1 1/2		1.43	1.88	.93	1 1/2		1.94	2.69	1.1	
	40	36.3	47.8	.42		40	49.3	68.3	.52	
2		1.68	2.22	1.5	2		2.25	3.26	1.8	
	50	42.7	56.4	.66		50	57.2	82.8	.81	
					2 1/2		2.70	3.86	2.9	
						65	68.6	98.0	1.3	
					3		3.08	4.51	3.9	
						80	78.2	114.6	1.8	
					4		3.79	5.69	8.4	
						100	96.3	144.5	3.8	

*This size not specified in ASME/ANSI B16.3

INCHES
MILLIMETRES

POUNDS
KILOGRAMS



CLASS 150 Malleable Iron Threaded COUPLINGS ASTM A197

COUPLINGS				REDUCED COUPLINGS				REDUCING COUPLINGS			
Size		W	Approx. Weight	Size		M	Approx. Weight	Size		M	Approx. Weight
NPS	DN			NPS	DN			NPS	DN		
1/8	3	.96	.07	1/4 x 1/8	6 x 3	1.00	.08	2 x 1	50 x 25	2.81	.93
	6	24.4	.03		10 x 6	25.4	.04		50 x 20	71.4	.42
1/4		1.06	.07	3/8 x 1/4		1.13	.11	2 x 3/4		2.81	.81
	10	26.9	.03		10 x 3	28.7	.05		50 x 15	71.4	.37
3/8		1.16	.11	3/8 x 1/8		1.13	.11	2 x 1/2		2.81	.90
	15	29.5	.05		15 x 10	28.7	.05		65 x 50	71.4	.41
1/2		1.34	.18	1/2 x 3/8		1.25	.18	2 1/2 x 2		3.25	1.6
	20	34.0	.08		15 x 6	31.8	.08		65 x 40	82.6	.72
3/4		1.52	.26	1/2 x 1/4		1.25	.13	2 1/2 x 1 1/2		3.25	1.4
	25	38.6	.12		15 x 3	31.8	.06		65 x 32	82.6	.62
1		1.67	.44	1/2 x 1/8		1.25	.13	2 1/2 x 1 1/4		3.25	1.5
	32	42.4	.20		20 x 15	31.8	.06		65 x 25	82.6	.46
1 1/4		1.93	.62	3/4 x 1/2		1.44	.22	2 1/2 x 1		3.25	1.0
	40	49.0	.28		20 x 10	36.6	.10		80 x 65	82.6	.46
1 1/2		2.15	.90	3/4 x 3/8		1.44	.22	3 x 2 1/2		3.69	2.4
	50	54.6	.41		20 x 6	36.6	.10		80 x 50	93.7	1.07
2		2.53	1.2	3/4 x 1/4		1.44	.20	3 x 2		3.69	2.1
	65	64.3	.56		25 x 20	36.6	.09		80 x 40	93.7	.94
2 1/2		2.88	1.9	1 x 3/4		1.69	.35	3 x 1 1/2		3.69	1.9
	80	73.2	.88		25 x 15	42.9	.16		80 x 32	93.7	.89
3		3.18	2.6	1 x 1/2		1.69	.31	3 x 1 1/4		3.69	2.0
	*90	80.8	1.2		25 x 10	42.9	.14		80 x 25	93.7	.92
*3 1/2		3.74	4.5	1 x 3/8		1.69	.31	3 x 1		3.69	2.0
	100	95.0	2.0		25 x 6	42.9	.14		80 x 20	93.7	.93
4		3.69	4.6	1 x 1/4		1.69	.30	*3 1/2 x 3		4.0	4.9
	*125	93.7	2.1		32 x 25	42.9	.13		*90 x 80	101.6	.22
*5		4.25	6.6	1 1/4 x 1		2.06	.55	*3 1/2 x 2 1/2		4.0	.44
	*150	108.0	3.0		32 x 20	52.3	.25		*90 x 65	101.6	2.0
*6		4.75	9.9	1 1/4 x 3/4		2.06	.49	*3 1/2 x 2		4.0	4.2
		120.7	4.5		32 x 15	52.3	.22		*90 x 50	101.6	1.9
				1 1/4 x 1/2		2.06	.44	4 x 3 1/2		4.38	4.2
					32 x 15	52.3	.20		100 x 90	111.3	1.9
				1 1/2 x 1 1/4		2.31	.70	4 x 3		4.38	3.9
					40 x 32	58.7	.32		100 x 80	111.3	1.8
				1 1/2 x 1		2.31	.62	4 x 2 1/2		4.38	3.7
					40 x 25	58.7	.28		100 x 65	111.3	1.7
				1 1/2 x 3/4		2.31	.59	4 x 2		4.38	3.6
					40 x 20	58.7	.27		100 x 50	111.3	1.6
				1 1/2 x 1/2		2.31	.55	4 x 1 1/2		4.38	3.3
					40 x 15	58.7	.25		100 x 40	111.3	1.5
				2 x 1 1/2		2.81	1.0				
					50 x 40	71.4	.46				
				2 x 1 1/4		2.81	.97				
					50 x 32	71.4	.44				

*These sizes not specified in ASME/ANSI B16.3

*These sizes not specified in ASME/ANSI B16.3

POUNDS
KILOGRAMS
INCHES
MILLIMETRES

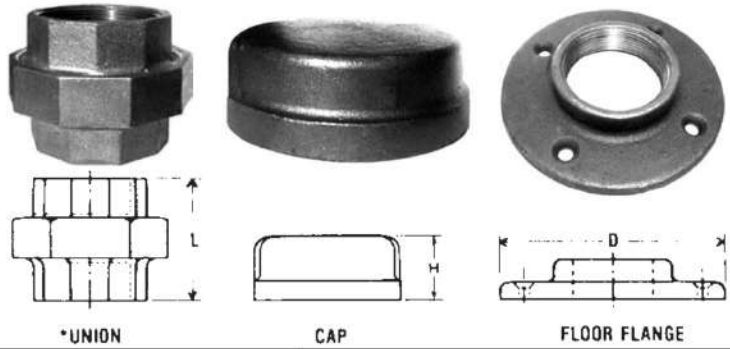
CLASS 150

Malleable Iron

THREADED

FITTINGS

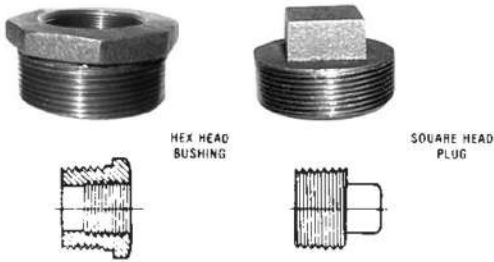
ASTM A197



*UNIONS				CAPS (ANSI B16.3)				FLOOR FLANGES			
Size		L	Approx. Weight	Size		H MIN	Approx. Weight	Size		D	Approx. Weight
NPS	DN			NPS	DN			NPS	DN		
1/4		1.32	.20	1/8		.53	.04	1/4		2.62	.24
	6	33.5	.09		3	13.5	.02		6	66.5	.11
3/8		1.52	.31	1/4		.63	.04	3/8		2.94	.37
	10	38.5	.14		6	16.0	.02		10	74.7	.17
1/2		1.59	.42	3/8		.74	.09	1/2		3.0	.57
	15	40.5	.19		10	18.8	.04		15	76	.26
3/4		1.91	.56	1/2		.87	.11	3/4		3.3	.68
	20	48.5	.27		15	22.1	.05		20	85	.31
1		2.11	.93	3/4		.97	.18	1		3.8	.82
	25	53.5	.42		20	24.6	.08		25	95	.37
1 1/4		2.32	1.3	1		1.16	.31	1 1/4		4.1	1.2
	32	59.0	.57		25	29.5	.14		32	105	.54
1 1/2		2.58	1.7	1 1/4		1.28	.53	1 1/2		4.5	1.5
	40	65.5	.78		32	32.5	.24		40	115	.66
2		2.85	2.6	1 1/2		1.33	.57	2		5.1	2.1
	50	72.5	1.2		40	33.8	.26		50	130	.96
2 1/2		3.29	4.6	2		1.45	.88	2 1/2		6.75	2.6
	65	83.5	2.1		50	36.8	.40		65	171.5	1.1
3		3.66	5.7	2 1/2		1.70	1.5	3		7.00	3.8
	80	93.0	2.6		65	43.2	.70		80	177.8	1.72
4		4.51	10.1	3		1.80	1.9				
	100	114.5	4.6		80	45.7	.86				
				3 1/2		1.90	-				
					90	48.3	-				
				4		2.08	3.5				
					100	52.8	1.6				
				5		2.32	-				
					125	58.9	-				
				6		2.55	7.3				
					150	64.8	3.29				

*Sizes 1" through 4" (DN 25 thru 100) conform to ASME/ANSI B16.39.

INCHES	POUNDS
MILLIMETRES	KILOGRAMS



MALLEABLE IRON THREADED FITTINGS

ASTM A197

HEX HEAD BUSHINGS			HEX HEAD BUSHINGS			SQUARE HEAD PLUGS		
Size		Approx. Weight	Size		Approx. Weight	Size		Approx. Weight
NPS	DN		NPS	DN		NPS	DN	
1/4 x 1/8	6 x 3	.02	2 x 1	50 x 25	.81	*1/8	3	.02
3/8 x 1/8	10 x 3	.02	2 x 1 1/2	50 x 40	.70	*1/4	6	.02
3/8 x 1/4	10 x 6	.04	2 1/2 x 1	65 x 25	1.5	3/8	10	.04
1/2 x 1/8	15 x 3	.09	2 1/2 x 1 1/4	65 x 32	.67	1/2	15	.09
1/2 x 1/4	15 x 6	.07	2 1/2 x 1 1/2	65 x 40	1.3	3/4	20	.11
1/2 x 3/8	15 x 10	.07	2 1/2 x 2	65 x 50	1.1	1	25	.15
3/4 x 1/8	2 x 3	.15	3 x 1	80 x 25	2.2	1 1/4	32	.26
3/4 x 1/4	20 x 6	.15	3 x 1 1/4	80 x 32	1.0	1 1/2	40	.13
3/4 x 3/8	20 x 10	.07	3 x 1 1/2	80 x 40	2.2	2	50	.35
3/4 x 1/2	20 x 15	.13	3 x 2	80 x 50	.99	2 1/2	65	.16
1 x 1/4	25 x 6	.11	3 x 2 1/2	80 x 65	2.0	3	80	.97
1 x 3/8	2 x 10	.26	4 x 1	100 x 25	.91	3 1/2	90	1.4
1 x 1/2	25 x 15	.12	4 x 1 1/4	100 x 32	1.5	4	100	.63
1 x 3/4	25 x 20	.11	4 x 1 1/2	100 x 40	4.0	5	125	2.5
1 1/4 x 1/2	32 x 15	.22	4 x 2	100 x 50	1.8	6	150	1.1
1 1/4 x 3/4	32 x 20	.10	4 x 2 1/2	100 x 65	4.0			2.5
1 1/4 x 1	32 x 25	.37	4 x 3	100 x 80	1.8			1.1
1 1/2 x 3/4	40 x 20	.17			3.7			5.4
1 1/2 x 1	40 x 25	.35			1.7			2.4
1 1/2 x 1 1/4	40 x 32	.29			3.3			7.5
2 x 1/2	50 x 15	.13			1.5			3.4
2 x 3/4	50 x 20	.53			3.1			
		.24			1.4			
		.49						
		.22						
		.31						
		.14						
		.84						
		.38						
		.86						
		.39						

INCHES	POUNDS
MILLIMETRES	KILOGRAMS

*Sizes NPS 1/8 & 1/4 (DN 3 & 6) are solid, all other sizes cored.