



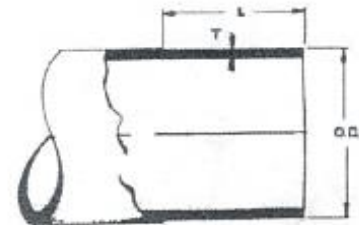
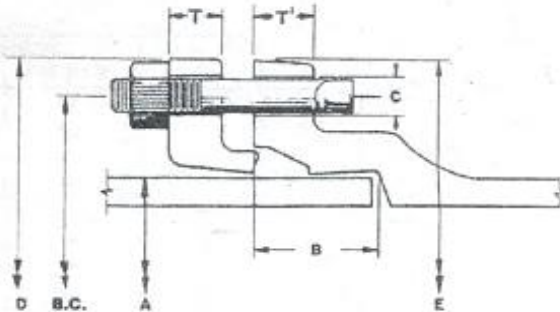
DI C153 Fittings

www.domcastmetals.com

GENERAL SPECIFICATIONS

MATERIAL:	Ductile Iron ASTM A 536
PRESSURE:	350 PSI Water Working Pressure (CLASS 350)
TESTING:	In accordance with AWWA C153 (ANSI A21.10) three times WWP (350 PSI) - body capable of withstanding hydrostatic test of 1050 PSI.
FLOW CHARACTERISTICS:	I. D. equal to I. D. of Class 50/51 Ductile Iron Pipe thus allowing the "Full Flow" Feature.
LAYING LENGTH:	Short body design - straight section of body deleted to provide a more compact and less heavy fitting without reducing strength or flow characteristics, in accordance with AWWA C153 (3"-24").
CEMENT LINING:	In accordance with AWWA C104 (ANSI A21.4) with bituminous seal coat.
COATING:	Tar coated (Bituminous) inside and out in accordance with AWWA C104 (ANSI A21.4).
GASKETS:	SBR in accordance with AWWA C111 (ANSI A21.11)
T-BOLTS:	Corten Alloy Steel in accordance with AWWA C104 (ANSI A21.4)
STANDARD:	AWWA C153 (ANSI A 21.53-84) for Compact Ductile Iron Fittings 3 thru 24 inch for water and other liquids.
APPROVAL:	3" - 12" UNDERWRITERS LABORATORY LISTED.

MECHANICAL JOINT DIMENSIONS



PLAIN END

SIZE	A	B	B.C	C	D	E	T	BOLTS				WGT. (lbs.) GLAND BLOTS GASKET
								T1	No.	size	Lgth.	
3	3.96	2.50	6.19	3/4	7.69	7.62	.62	.62	4	5/8	3	7
4	4.80	2.50	7.50	7/8	9.12	9.06	.75	.66	4	3/4	3 1/2	8
6	6.90	2.50	9.50	7/8	11.12	11.06	.88	.69	6	3/4	3 1/2	12
8	9.05	2.50	11.75	7/8	13.37	13.31	1.00	.71	6	3/4	4	15
10	11.10	2.50	14.00	7/8	15.62	15.62	1.00	.73	8	3/4	4	15
12	13.20	2.50	16.25	7/8	17.88	17.88	1.00	.75	8	3/4	4	26
14	15.30	3.50	18.75	7/8	20.25	20.31	1.25	.85	10	3/4	4	45
16	17.40	3.50	21.00	7/8	22.50	22.56	1.31	.90	12	3/4	4	55
18	19.50	3.50	23.25	7/8	24.75	24.83	1.38	.94	12	3/4	4	65
20	21.60	3.50	25.50	7/8	27.00	27.08	1.44	.97	14	3/4	4	85
24	25.80	3.50	30.00	7/8	31.50	31.58	1.56	1.06	16	3/4	4 1/2	105

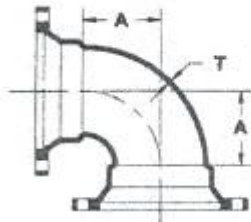
SIZE	O.D.	L	T
3	3.96	5.5	.33
4	4.80	5.5	.34
6	6.90	5.5*	.36
8	9.05	5.5	.38
10	11.10	5.5	.40
12	13.20	5.05	.42
14	15.30	8.0	.47
16	17.40	8.0	.50
18	19.50	8.0	.52
20	21.60	8.0	.53
24	25.80	8.0	.55

All dimensions in inches.
Weights shown are approximate shipping weights in lbs.

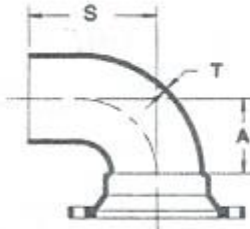
METRIC CONVERSION:
PRESSURE RATING: PSI x 0.00689 = MPA
DIMENSIONS: INCHES x 25.4 = MM
WEIGHT: lbs x 0.4536 = Kg



BENDS

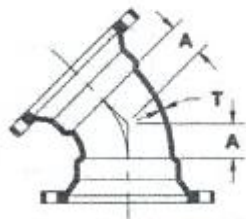


MJ 90°

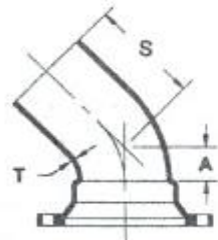


MJ x PE 90°

SIZE	A	S	T	WEIGHTS	
				MJ x MJ	MJ x PE
3	3.5	9.0	.33	19	20
4	4.0	9.5	.34	24	26
6	5.0	10.5	.36	44	38
8	6.5	12.0	.38	64	57
10	7.5	13.0	.40	96	91
12	9.0	14.5	.42	125	110
14	11.5	19.5	.47	212	198
16	12.5	20.5	.50	264	244
18	14.0	22.0	.52	318	297
20	15.5	23.5	.53	380	355
24	18.5	26.5	.55	528	494

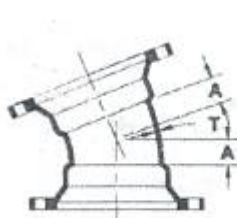


MJ 45°

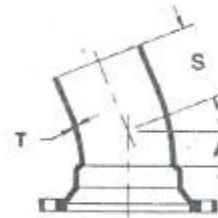


MJ x PE 45°

SIZE	A	S	T	WEIGHTS	
				MJ x MJ	MJ x PE
3	1.5	7.0	.33	18	18
4	2.0	7.5	.34	20	26
6	3.0	8.5	.36	36	32
8	3.5	9.0	.38	54	46
10	4.5	10.0	.40	70	72
12	5.5	11.0	.42	105	88
14	5.0	13.0	.47	164	150
16	5.5	13.5	.50	205	185
18	6.0	14.0	.52	240	219
20	7.0	15.0	.53	290	265
24	7.5	15.5	.55	376	342

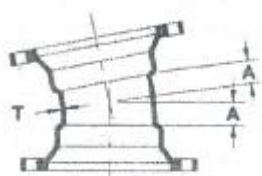


MJ 22½°

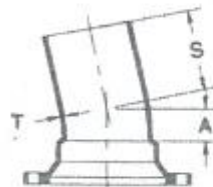


MJ x PE 22½°

SIZE	A	S	T	WEIGHTS	
				MJ x MJ	MJ x PE
3	1.0	6.5	.33	16	17
4	1.5	7.0	.34	18	22
6	2.0	7.5	.36	32	31
8	2.5	8.0	.38	46	45
10	3.0	8.5	.40	64	71
12	3.5	9.0	.42	84	88
14	5.0	13.0	.47	167	153
16	5.5	13.5	.50	208	188
18	6.0	14.0	.52	246	225
20	7.0	15.0	.53	293	268
24	7.5	15.5	.55	382	348



MJ 11¼°



MJ x PE 11¼°

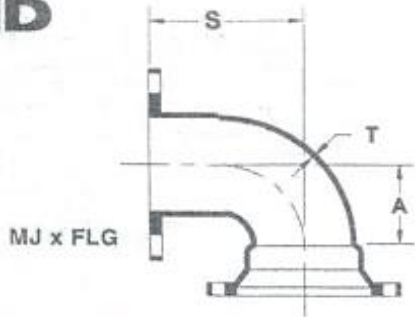
SIZE	A	S	T	WEIGHTS	
				MJ x MJ	MJ x PE
3	1.0	6.5	.33	14	17
4	1.25	6.75	.34	16	22
6	1.50	7.0	.36	30	31
8	1.75	7.25	.38	42	45
10	2.0	7.50	.40	58	71
12	2.25	7.75	.42	74	88
14	5.0	13.0	.47	167	153
16	5.5	13.5	.50	208	188
18	6.0	14.0	.52	246	225
20	7.0	15.0	.53	296	271
24	7.5	15.5	.55	384	350

All weights are approximate and do not include accessories.

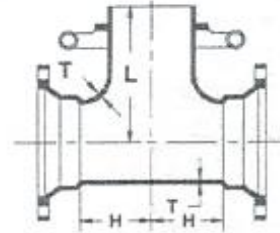
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BEND



HYDRANT TEE

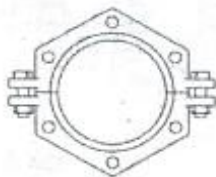


W/SPLIT SWIVEL ANCHOR GLAND

SIZE	H	L	T	T1	WGT.
6 x 6	6.0	10.25	.36	.36	68
8 x 6	6.0	11.25	.38	.36	85
10 x 6	6.0	12.75	.40	.36	95
12 x 6	6.0	13.75	.42	.36	118
14 x 6	7.0	15.0	.47	.36	227
16 x 6	7.0	16.0	.50	.36	267
18 x 6	7.0	17.0	.52	.36	304
20 x 6	7.0	18.50	.53	.36	343
24 x 6	7.0	19.0	.55	.36	328

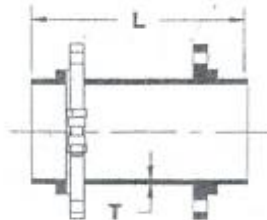
SIZE	A	S	T	WEIGHT
3	4.0	5.5	.33	19
4	4.0	6.5	.34	24
6	5.0	8.0	.36	44
8	6.5	9.0	.38	64
10	7.5	11.0	.40	96
12	9.0	12.0	.42	125
14	11.5	14.0	.47	230
16	12.5	15.0	.50	291
18	14.0	16.5	.52	349
20	15.5	18.0	.53	421
24	18.5	22.0	.55	591

6" SPLIT SWIVEL

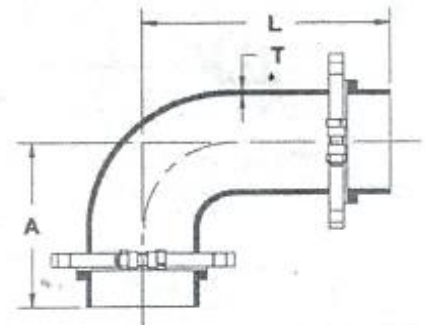


ANCHOR GLAND
11 LBS.

(ACTUAL LAYING LENGTH 13")



6 x 13 SOLID ADAPTER
W/SPLIT SWIVEL ANCHOR GLAND
31 LBS.

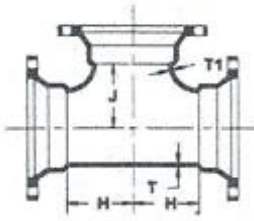


6" HYDRANT 90° BEND
W/2 SPLIT SWIVEL ANCHOR GLANDS
50 LBS.

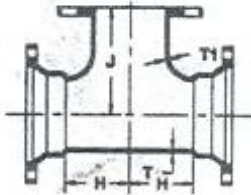
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TEES

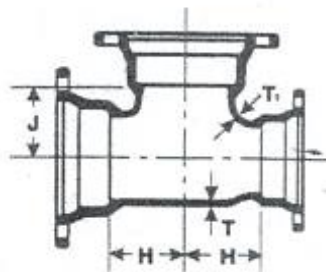


MJ



MJ x MJ x FLG

REDUCING TEES



REDUCING ON RUN & BRANCH
MJ

SIZE	H	J	T	T1	WEIGHT
6 x 4 x 4	3.5	5.0	.36	.34	42
6 x 4 x 6	5.0	5.0	.36	.34	54
8 x 6 x 6	5.0	6.0	.38	.36	70
8 x 6 x 8	6.0	6.0	.38	.36	80

SIZE	MJxMJxMJ		MJxMJxFLG		T	T1	WEIGHTS	
	H	J	H	L			MJxMJ	MJxFLG
3x3	3.0	3.0	N/A	N/A	.33	.33	28	N/A
4x3	3.5	3.5	N/A	N/A	.34	.33	30	N/A
4x4	4.0	4.0	4.0	6.5	.34	.34	32	42
6x3	N/A	N/A	5.0	8.0	.36	.33	N/A	52
6x4	4.0	5.0	6.0	8.0	.36	.34	48	56
6x6	5.0	5.0	6.0	8.0	.36	.36	56	57
8x3	N/A	N/A	4.0	9.0	.38	.33	N/A	73
8x4	4.0	6.5	5.0	9.0	.38	.34	60	77
8x6	5.0	6.5	6.0	9.0	.38	.36	72	82
8x8	6.5	6.5	7.0	9.0	.38	.38	86	87
10x4	4.0	7.5	5.0	11.0	.40	.34	78	92
10x6	5.0	7.5	6.0	11.0	.40	.36	90	102
10x8	6.0	7.5	7.0	11.0	.40	.38	105	105
10x10	7.5	7.5	8.0	11.0	.40	.40	120	127
12x4	4.0	8.75	5.0	12.0	.42	.34	94	117
12x6	5.0	8.75	6.0	12.0	.42	.36	110	122
12x8	6.0	8.75	7.0	12.0	.42	.38	125	132
12x10	7.5	8.75	8.0	12.0	.42	.42	140	152
12x12	8.75	8.75	9.0	12.0	.42	.42	160	162
14x6	7.0	11.50	7.0	14.0	.47	.36	222	233
14x8	8.0	11.50	8.0	14.0	.47	.38	242	255
14x10	9.0	11.50	9.0	14.0	.47	.40	263	276
14x12	10.0	11.50	10.0	14.0	.47	.42	293	315
14	11.50	11.50	11.50	14.0	.47	N/A	340	328
16x6	7.0	12.50	7.0	15.0	.50	.36	259	274
16x8	8.0	12.50	8.0	15.0	.50	.38	278	294
16x10	9.0	12.50	9.0	15.0	.50	.40	305	321
16x12	10.0	12.50	10.0	15.0	.50	.47	330	355
16x14	11.0	12.50	11.0	15.0	.50	.47	377	347
16	12.5	12.50	12.5	15.0	.50	N/A	418	419
18x6	7.0	14.0	7.0	15.50	.52	.36	297	307
18x8	8.0	14.0	8.0	15.50	.52	.38	321	331
18x10	9.0	14.0	9.0	15.50	.52	.40	344	356
18x12	10.0	14.0	10.0	15.50	.52	.42	372	391
18x14	11.0	14.0	11.0	16.50	.52	.47	417	420
18x16	12.5	14.0	12.5	16.50	.52	.50	460	463
18	14.0	14.0	14.0	16.50	.52	N/A	502	491
20x6	7.0	15.50	7.0	17.0	.53	.36	336	347
20x8	8.0	15.50	8.0	17.0	.53	.38	358	370
20x10	9.0	15.50	9.0	17.0	.53	.40	386	400
20x12	10.0	15.50	10.0	17.0	.53	.42	415	437
20x14	11.0	15.50	11.0	17.0	.53	.47	459	458
20x16	12.5	15.50	12.5	18.0	.53	.50	505	511
20x18	14.0	15.50	14.0	18.0	.53	.52	553	552
20	15.50	15.50	15.50	18.0	.53	N/A	599	604
24x6	7.0	16.0	7.0	19.0	.55	.36	375	391
24x8	8.0	16.0	8.0	19.0	.55	.38	406	402
24x10	9.0	16.0	9.0	19.0	.55	.40	430	445
24x12	10.0	16.0	10.0	19.0	.55	.42	450	488
24x14	11.0	16.0	11.0	19.0	.55	.47	496	525
24x16	12.50	16.0	12.50	19.0	.55	.50	555	584
24x18	14.0	16.0	14.0	22.0	.55	.52	575	604
24x20	15.0	16.0	15.0	22.0	.55	.53	610	667
24	16.0	16.0	16.0	22.0	.55	N/A	751	744

All weights are approximate and do not include accessories.
All fittings furnished cement lined and tar coated in accordance with AWWA /ANSI C104 / A21.4 unless otherwise specified.

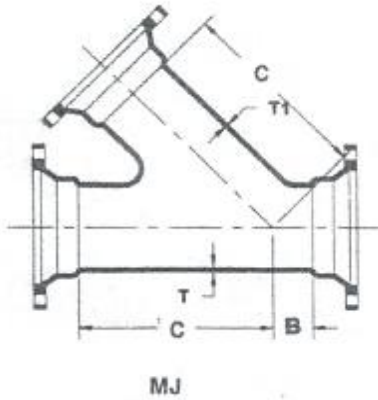


TAPPED TEES & CROSSES



SIZE	L	T	TAP SIZE	WEIGHT
3	3	.33	2	12
4	3	.34	2	18
6	3	.36	2	26
8	3	.38	2	34
10	3	.40	2	44
12	3	.42	2	54

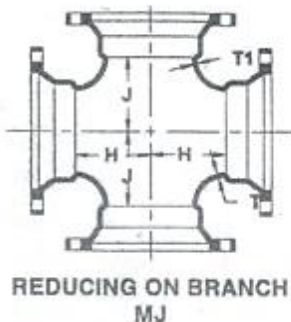
45° LATERAL



SIZE	B	C	T	T1	WEIGHT
3	2.5	8.5	.33	.33	34
4	2.5	9.5	.34	.34	51
6 x 4	1.5	11.0	.36	.34	73
6	3.0	13.0	.36	.36	81
8 x 4	.50	13.0	.38	.34	106
8 x 6	2.0	14.5	.38	.36	114
8	3.5	16.0	.38	.38	128
10 x 4	0	15.0	.40	.34	151
10 x 6	1.0	16.0	.40	.36	158
10 x 8	2.5	17.0	.40	.38	172
10	3.5	19.0	.40	.40	212
12 x 4	0	16.5	.42	.34	212
12 x 6	1.5	18.5	.42	.36	220
12 x 8	1.5	18.5	.42	.38	238
12 x 10	3.0	20.0	.42	.40	278
12	4.5	22.5	.42	.42	298

LARGER SIZES AVAILABLE ON REQUEST

CROSSES



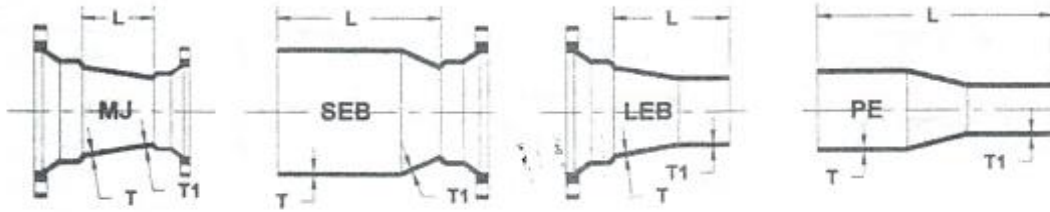
SIZE	H	J	T	T1	WEIGHT
3	3	3	.33	.33	40
4 x 3	3	4	.34	.33	51
4	4	4	.34	.34	66
6 x 4	4	5	.36	.34	70
6	5	5	.36	.36	89
8 x 4	4	6	.38	.34	97
8 x 6	5	6	.38	.36	103
8	6	6	.38	.38	132
10 x 4	4	7	.40	.34	122
10 x 6	5	7	.40	.36	126
10 x 8	6	7	.40	.38	132
10	7	7	.40	.40	212
12 x 4	4	8.5	.42	.34	152
12 x 6	5	8.5	.42	.36	158
12 x 8	6	8.5	.42	.38	166
12 x 10	7	8.5	.42	.40	190
12	8.5	8.5	.42	.42	280

LARGER SIZES AVAILABLE ON REQUEST

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All fittings furnished cement lined and tar coated in accordance with AWWA /ANSI C104 / A21.4 unless otherwise specified.



REDUCERS



MJ REDUCER

MJ SMALL END
SEB

MJ LARGE END
LEB

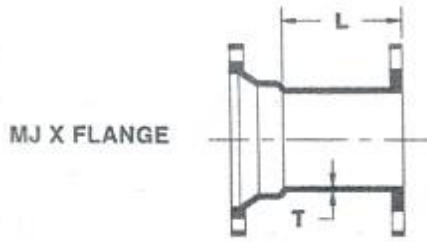
PE x PE

SIZE	L MJ	L SEB	L LEB	L PExPE	T	T1	WEIGHT			
							MJ	SEB	LEB	PExPE
4x3	3	8.5	8.5	14	.34	.33	18	18	18	18
6x4	4	9.5	9.5	15	.36	.34	24	24	27	24
8x4	5	10.5	10.5	16	.38	.34	32	34	35	32
8x6	4	9.5	9.5	15	.38	.36	36	37	37	36
10x4	7	12.5	12.5	18	.40	.34	46	45	46	46
10x6	5	10.5	10.5	16	.40	.36	48	46	46	48
10x8	4	9.5	9.5	15	.40	.38	50	49	50	50
12x4	9	14.5	14.5	20	.42	.34	57	59	59	58
12x6	7	12.5	12.5	18	.42	.36	60	59	60	60
12x8	5	10.5	10.5	16	.42	.38	60	59	60	60
12x10	4	9.5	9.5	15	.42	.40	64	62	62	64
14x6	13.0	21.0	18.0	26.0	.47	.36	122	118	119	104
14x8	10.0	18.0	15.5	23.5	.47	.38	119	111	118	103
14x10	7.0	15.0	12.5	20.5	.47	.40	114	107	112	98
14x12	4.0	12.0	9.0	17.0	.47	.42	107	100	103	88
16x6	16.0	24.0	21.0	29.0	.50	.36	154	133	151	130
16x8	13.0	21.0	18.5	26.5	.50	.38	151	130	150	129
16x10	10.0	18.0	15.5	23.5	.50	.40	147	126	145	124
16x12	7.0	15.0	12.0	20.0	.50	.42	140	119	135	114
16x14	4.0	12.0	12.0	20.0	.50	.47	158	137	129	137
18x6	19.0	27.0	24.5	32.5	.52	.36	186	164	185	162
18x8	16.0	24.0	21.5	29.5	.52	.38	183	160	182	159
18x10	13.0	21.0	18.5	26.5	.52	.40	177	155	176	153
18x12	10.0	18.0	15.0	23.0	.52	.42	171	148	166	143
18x14	7.0	15.0	15.0	23.0	.52	.47	189	166	174	151
18x16	4.0	12.0	12.0	20.0	.52	.50	185	162	164	141
20x6	22.0	30.0	27.5	35.5	.53	.36	224	197	222	103
20x8	19.0	27.0	24.5	32.5	.53	.38	219	193	218	104
20x10	16.0	24.0	21.5	29.5	.53	.40	214	188	212	186
20x12	13.0	21.0	18.0	26.0	.53	.42	207	181	202	175
20x14	10.0	18.0	18.0	26.0	.53	.47	225	198	210	184
20x16	7.0	15.0	15.0	23.0	.53	.50	221	194	200	173
20x18	4.0	12.0	12.0	20.0	.53	.52	210	184	187	161
24x6	28.0	36.0	33.5	41.5	.55	.36	311	275	309	273
24x8	25.0	33.0	30.5	38.5	.55	.38	307	271	305	269
24x10	22.0	30.0	27.5	35.5	.55	.40	300	265	298	263
24x12	19.0	27.0	24.0	32.0	.55	.42	293	257	288	252
24x14	16.0	24.0	24.0	32.0	.55	.47	311	275	296	260
24x16	13.0	21.0	21.0	29.0	.55	.50	306	271	286	249
24x18	10.0	18.0	18.0	26.0	.55	.52	295	259	272	236
24x20	7.0	15.0	15.0	23.0	.55	.55	270	247	256	221

All weights are approximate and do not include accessories.
 All fittings furnished cement lined and tar coated in accordance with AWWA /ANSI C104 / A21.4 unless otherwise specified.

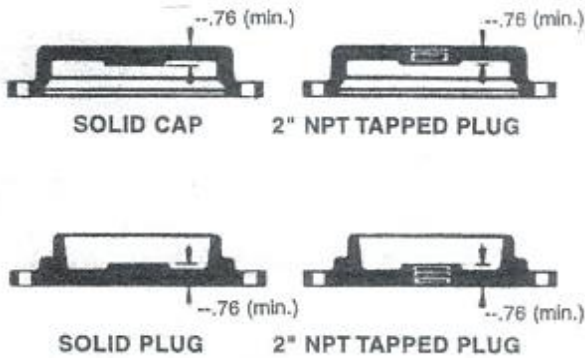


ADAPTER



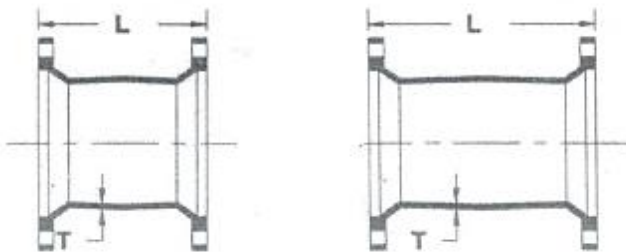
SIZE	L	T	WEIGHT
3	3.5	.33	14
4	3.5	.34	23
6	3.5	.36	30
8	3.5	.38	50
10	3.5	.40	62
12	3.5	.42	98
14	5.0	.47	145
16	5.0	.50	179
18	5.0	.52	200
20	5.0	.53	242
24	5.0	.55	312

CAPS & PLUGS



SIZE	WEIGHTS	
	CAPS	PLUGS
3	9	10
4	10	11
6	16	21
8	27	32
10	44	47
12	56	60
14	70	75
16	94	102
18	110	117
20	125	138
24	165	177

SLEEVES

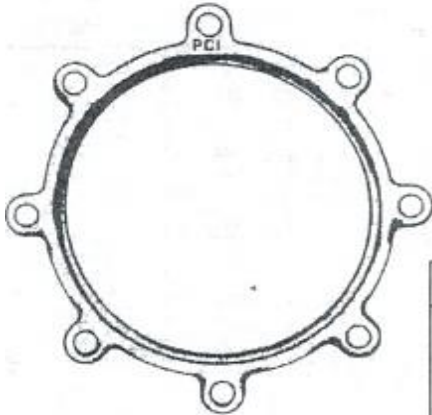


SIZE	L		T	WEIGHT	
	SHORT	LONG		SERIES SHORT	SERIES LONG
3	7.5	12	.33	16	18
4	7.5	12	.34	18	21
6	7.5	12	.36	28	37
8	7.5	12	.38	38	46
10	7.5	12	.40	52	63
12	7.5	12	.42	66	80
14	9.5	15	.47	127	155
16	9.5	15	.50	147	181
18	9.5	15	.52	171	210
20	9.5	15	.53	186	230
24	9.5	15	.55	230	285

All weights are approximate and do not include accessories.
 All fittings furnished cement lined and tar coated in accordance with AWWA /ANSI C104 / A21.4 unless otherwise specified.



STANDARD GLAND



SIZE	WEIGHT
3	4
4	5
6	7
8	9
10	10
12	13
14	18
16	25
18	35
20	44
24	50

T-BOLTS & NUTS

KOR-10 STEEL
T-BOLTS & NUTS



SIZE	WEIGHT
3/4 X 3 1/2	84/100
3/4 X 4	95/100
3/4 X 4 1/2	106/100
3/4 X 5	117/100

GASKETS

STANDARD
GASKET SBR



SIZE	WEIGHT
3	25/100
4	43/100
6	59/100
8	77/100
10	94/100
12	111/100
14	150/100
16	200/100
18	231/100
20	269/100
24	300/100

TRANSITION
GASKET SBR



SIZE	WEIGHT
3	35/100
4	55/100
6	74/100
8	107/100
10	126/100
12	161/100

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