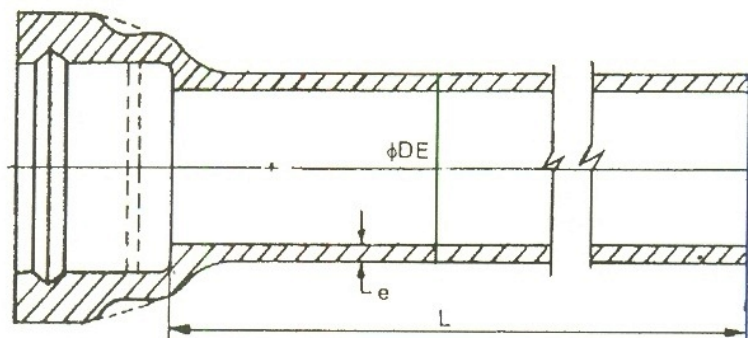


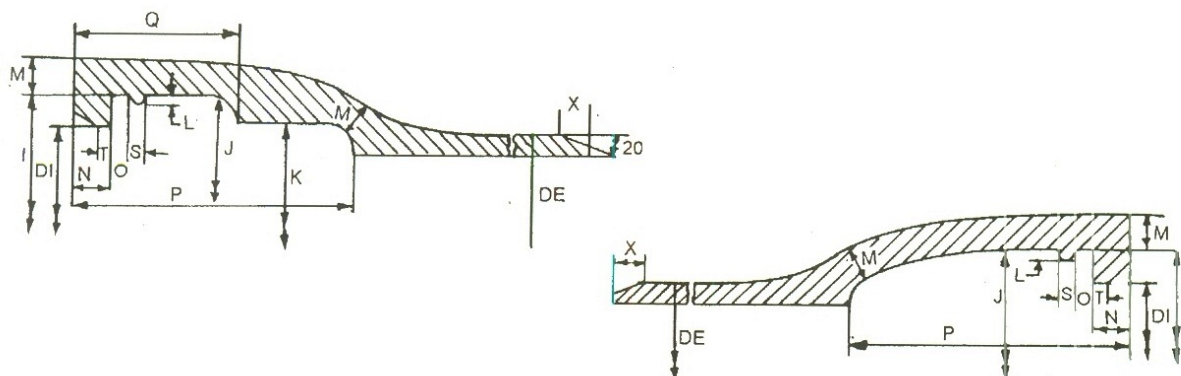


Mass & Dimension Chart

Size	Barrel			Socket	Standard Wt. Chart			
Class	DE	MIN 'e'	Wt. / Mt	Wt.	4 m	4.5 m	5 m	5.5 m
80 LA	95	7.2	14.7	5.5	64	-	79	-
A	95	7.9	16	5.5	70	78	86	-
B	95	8.8	17.3	5.5	74	83	92	-
100 LA	115	7.5	18.6	7.1	82	91	100	109
A	115	8.3	20.5	7.1	89	99	109	120
B	115	9	22	7.1	95	106	117	128
125 LA	141	9.5	24.2	9.2	106	118	130	142
A	141	8.7	26.4	9.2	115	128	141	155
B	141	9.5	28.7	9.2	124	138	153	167
150 LA	167	8.3	30.1	11.5	132	147	162	177
A	167	9.2	33.2	11.5	144	161	178	194
B	167	10	35.9	11.5	155	173	191	209
200 LA	219	9.2	44	16.5	193	215	237	259
A	219	10.1	48.1	16.5	209	233	257	281
B	219	11	52.1	16.5	225	251	278	304
250 LA	271	10	59.3	22.9	260	290	319	349
A	271	11	65	22.9	283	315	348	380
B	271	12	70.6	22.9	305	341	376	411
300 LA	323	10.8	76.5	29.8	336	374	412	450
A	323	11.9	84	29.8	366	408	450	492
B	323	13	91.4	29.8	395	441	487	533

Socket and Spigot of pipe (Push on Joint)

as per IS : 1536

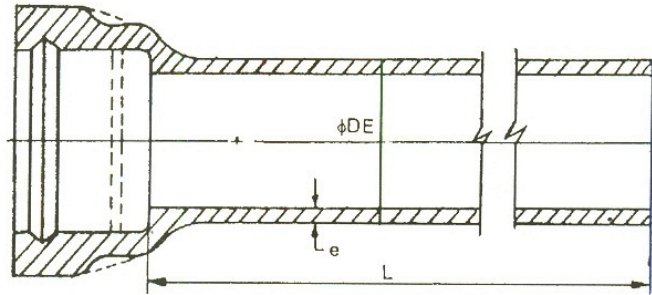


Mass & Dimension Chart

NOMINAL DIAMETER DN	BARREL		SOCKET DIMENSIONS											
	DE	X (MIN)	DI	P	Q	I	J	K	N	O	S	T	L	M(MIN)
80	95	9	99.0	89	52	121.0	116.0	102	12	5.5	5.0	4.0	3.0	10.8
100	115	9	119.0	92	52	141.0	136.0	122	12	5.5	5.0	4.0	3.0	11.3
125	141	9	145.0	94	52	167.0	162.0	148	12	5.5	5.0	4.0	3.0	12.0
150	167	9	171.0	94	52	193.0	188.0	174	12	5.5	5.0	4.0	3.0	12.7
200	219	9	223.0	102	60	248.0	242.0	226	15	6.5	6.0	5.0	3.5	14.0
250	271	9	275.5	106	62	299.0	296.0	278	15	6.5	6.0	5.0	3.5	15.4
300	323	9	328.0	110	67	355.0	351.0	331	17	8.0	7.0	5.0	4.0	16.7
350	375	14	380.5	110	67	407.0	403.0	383	17	8.0	7.0	5.0	4.0	18.1
400	426	14	431.5	112	74	461.0	454.0	435	19	9.0	8.0	5.0	4.5	19.4
450	477	14	482.5	112	74	512.0	508.0	485	19	9.0	8.0	5.0	4.5	20.8
500	529	14	535.0	117	81	567.5	563.0	538	21	10.0	9.0	5.0	5.0	22.1
600	632	14	638.0	125	86	673.0	669.0	642	21	10.0	10.0	5.0	5.0	24.8
700	735	15	742.5	138	88	780.0	774.0	745	21	11.0	10.0	5.0	5.0	25.0
750	787	15	795.0	143	91	834.0	827.0	797	21	11.0	10.0	5.0	5.0	27.0
800	839	15	846.5	143	91	886.0	879.0	850	22	11.0	10.0	6.0	5.0	28.0
900	942	15	949.5	143	91	989.0	985.0	953	22	12.0	11.0	6.0	6.0	28.0
1000	1045	19	1052.0	143	91	1092.0	1088.0	1056	22	12.0	11.0	6.0	6.0	30.0
1050	1118	19	1125.0	143	91	1165.0	1161.0	1134	23	12.0	11.0	6.0	6.0	32.0

Sockets and Spigots of Pipes (Lead Joint)

as per IS : 1536



Class LA : $e = \frac{10}{12} (7 + 0.02 \text{ DN})$
 Class A : $e = \frac{11}{12} (7 + 0.02 \text{ DN})$
 Class B : $e = (7 + 0.02 \text{ DN})$

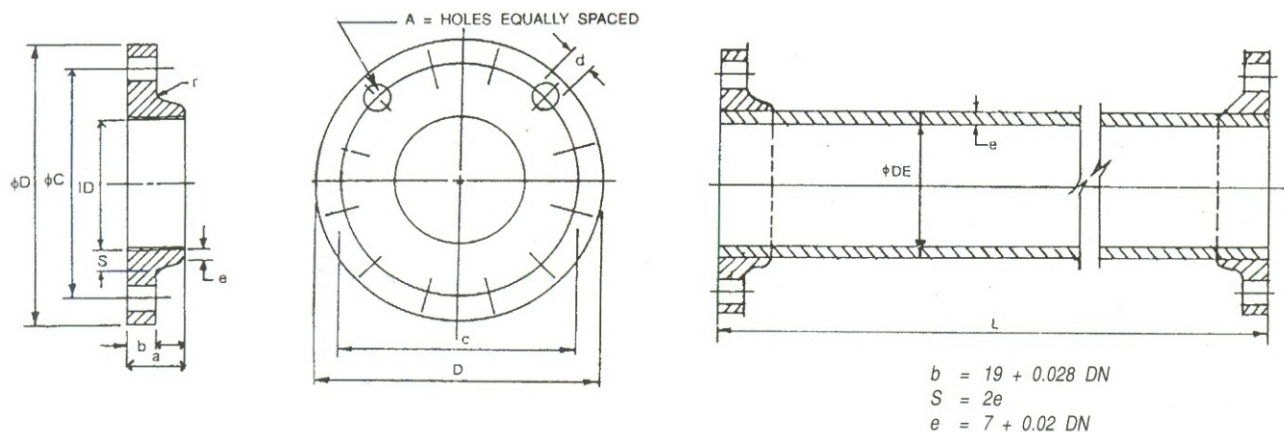
Class LA : $e = \frac{10}{12} (7 + 0.02 \text{ DN})$
 Class A : $e = \frac{11}{12} (7 + 0.02 \text{ DN})$
 Class B : $e = (7 + 0.02 \text{ DN})$

Mass & Dimension Chart

Nominal Diameter DN	Barrel	SOCKET DIMENSIONS									Joint Thickness
	DE	DI	P	g (Min)	h (Min)	a optional	K	L	M	N	f
80	98	116	84	22.5	10.0	3.0	8.5	9	14	3	9.0
100	118	137	88	23.0	10.5	3.0	8.5	9	14	3	9.5
125	144	163	91	24.0	11.0	3.0	8.5	9	14	3	9.5
150	170	189	94	24.5	12.0	3.0	8.5	11	16	3	9.5
200	222	241	100	26.0	13.0	3.0	8.5	12	17	3	9.5
250	274	294	103	27.5	14.5	3.5	8.5	14	18	3	10.0
300	326	346	105	29.0	15.5	3.5	8.5	14	18	3	10.0
350	378	398	107	30.5	17.0	3.5	8.5	14	19	3	10.0
400	429	449	110	32.0	18.0	3.5	8.5	15	20	3	10.0
450	480	501	112	33.5	19.0	3.5	8.5	18	22	3	10.5
500	532	553	115	35.0	20.5	3.5	8.5	20	24	3	10.5
600	635	657	120	38.0	23.0	3.5	8.5	22	25	3	11.0
700	738	760	122	41.0	25.5	3.5	8.5	24	26	3	11.0
750	790	813	123	42.5	27.0	4.0	8.5	25	28	3	11.5
800	842	865	125	44.0	28.0	4.0	8.5	25	28	3	11.5
900	945	968	128	47.0	30.5	4.0	8.5	27	30	3	11.5
1000	1048	1072	128	50.0	33.0	4.0	8.5	28	32	3	12.0
1050	1124	1143	128	52.0	36.0	5.0	8.5	28	32	3	12.0

Screwed Flanged Pipe

as per IS : 1536



Mass & Dimension Chart

Size	Barrel			Flange Dimensions						Holes		Mass	Total Mass of pipe
Class	DE	MIN 'e'	Wt. / Mt	C	D	b	a	r	s	No.	Dia	of	including Flange 5.5 mtrs
80 LA	95	7.2	14.7	160	200	21.0	42	6	17	4	19	4.3	67
A	95	7.9	16	160	200	21.0	42	6	17	4	19	4.3	73
B	95	8.8	17.3	160	200	21.0	42	6	17	4	19	4.3	78
100 LA	115	7.5	18.6	180	220	22.0	44	6	18	8	19	5	112
A	115	8.3	20.5	180	220	22.0	44	6	18	8	19	5	123
B	115	9	22	180	220	22.0	44	6	18	8	19	5	131
125 LA	141	9.5	24.2	210	250	22.5	45	6	19	8	19	6.6	146
A	141	8.7	26.4	210	250	22.5	45	6	19	8	19	6.6	158
B	141	9.5	28.7	210	250	22.5	45	6	19	8	19	6.6	171
150 LA	167	8.3	30.1	240	285	23.0	46	6	20	8	23	8.2	182
A	167	9.2	33.2	240	285	23.0	46	6	20	8	23	8.2	199
B	167	10	35.9	240	285	23.0	46	6	20	8	23	8.2	214
200 LA	219	9.2	44	295	340	24.5	49	6	22	8	23	11.4	265
A	219	10.1	48.1	295	340	24.5	49	6	22	8	23	11.4	287
B	219	11	52.1	295	340	24.5	49	6	22	8	23	11.4	309
250 LA	271	10	59.3	350	395	26.0	52	6	24	12	23	14.7	356
A	271	11	65	350	395	26.0	52	6	24	12	23	14.7	387
B	271	12	70.6	350	395	26.0	52	6	24	12	23	14.7	418
300 LA	323	10.8	76.5	400	445	27.5	55	6	26	12	23	18.6	458
A	323	11.9	84	400	445	27.5	55	6	26	12	23	18.6	499
B	323	13	91.4	400	445	27.5	55	6	26	12	23	18.6	540