

# FITTINGS

## 'KESIN' All Socket Tees, Flange on Double Socket Tees

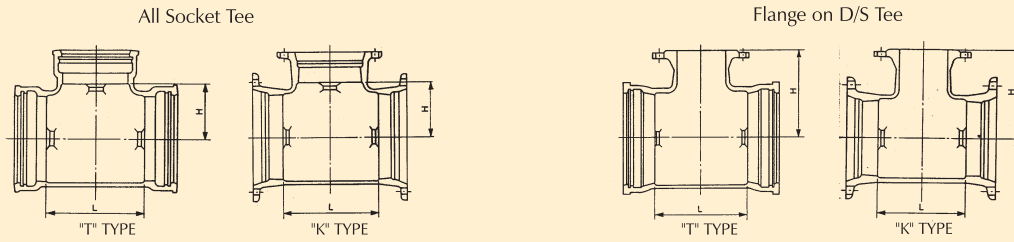


TABLE - 21

Nominal Diameter		e	e <sub>1</sub>	L	H		App. Mass		
DN Body	dn Branch				D/S B/F	All Socket	D/S B/F		All Socket
							PN 10	PN 16	
80	80	7.0	7.0	170	165	85	13	13	12
100	80	7.2	7.0	170	175	95	15	15	14
100	100	7.2	7.2	190	180	95	16	17	15
125	80	7.5	7.0	170	190	105	18	18	18
125	100	7.5	7.2	195	195	110	19	20	20
125	125	7.5	7.5	225	200	110	21	22	22
150	80	7.8	7.0	170	205	120	21	21	20
150	100	7.8	7.2	195	210	120	22	23	22
150	150	7.8	7.8	255	220	125	27	28	26
200	80	8.4	7.0	175	235	145	29	29	29
200	100	8.4	7.2	200	240	145	31	32	31
200	150	8.4	7.8	255	250	150	36	37	36
200	200	8.4	8.4	315	260	155	42	44	40
250	80	9.0	7.0	180	265	210	37	37	37
250	100	9.0	7.2	200	270	210	38	39	40
250	150	9.0	7.8	260	280	215	46	49	45
250	200	9.0	8.4	315	290	220	52	54	50
250	250	9.0	9.0	375	300	230	60	62	57
300	80	9.6	7.0	180	295	235	48	48	50
300	100	9.6	7.2	210	300	235	50	51	51
300	150	9.6	7.8	260	310	240	57	58	58
300	200	9.6	8.4	325	320	245	65	67	64
300	250	9.6	9.0	380	330	255	74	76	70
300	300	9.6	9.6	440	340	260	80	89	78
350	80	10.2	7.0	185	325	260	58	58	58
350	100	10.2	7.2	205	330	260	59	60	59
350	150	10.2	7.8	265	340	265	70	71	68
350	200	10.2	8.4	325	350	270	76	78	75
350	250	10.2	9.0	380	360	280	90	92	90
350	300	10.2	9.6	440	370	285	110	113	100
350	350	10.2	10.2	495	380	290	114	117	102
400	80	10.8	7.0	185	355	285	70	70	73
400	100	10.8	7.2	210	360	285	73	74	72
400	150	10.8	7.8	270	370	290	80	86	90
400	200	10.8	8.4	325	380	295	92	94	92
400	250	10.8	9.0	385	390	305	103	105	105
400	300	10.8	9.6	440	400	310	114	116	120
400	400	10.8	10.8	560	420	320	145	150	130

# FITTINGS

## 'KESIN' All Socket Tees, Flange on Double Socket Tees



TABLE - 21 Contd.

Nominal Diameter		e	e <sub>1</sub>	L	H		App. Mass			
DN	dn				D/S	B/F	All Socket	D/S	B/F	All Socket
Body	Branch									
450	80	11.4	7.0	190	385	310	87	87	88	
450	100	11.4	7.2	215	390	310	88	89	90	
450	150	11.4	7.8	270	400	315	98	98	105	
450	200	11.4	8.4	330	410	320	108	110	115	
450	250	11.4	9.0	390	420	330	120	122	120	
450	300	11.4	9.6	445	430	335	134	136	140	
450	400	11.4	10.8	560	450	345	159	164	165	
450	450	11.4	11.4	620	460	350	173	181	168	
500	80	12.0	7.0	195	415	335	102	102	105	
500	100	12.0	7.2	215	420	335	103	104	107	
500	150	12.0	7.8	275	430	340	123	124	125	
500	200	12.0	8.4	330	440	345	126	128	130	
500	250	12.0	9.0	390	450	355	150	152	150	
500	300	12.0	9.6	450	460	360	154	156	160	
500	350	12.0	10.2	505	470	365	172	175	175	
500	400	12.0	10.8	565	480	370	181	186	185	
500	500	12.0	12.0	680	500	380	213	227	205	
600	80	13.2	7.0	200	475	385	151	151	166	
600	100	13.2	7.2	220	480	385	155	156	168	
600	150	13.2	7.8	280	490	390	165	166	170	
600	200	13.2	8.4	340	500	395	171	173	172	
600	300	13.2	9.6	455	520	410	200	202	210	
600	400	13.2	10.8	570	540	420	233	238	240	
600	500	13.2	12.0	685	560	430	290	304	290	
600	600	13.2	13.2	800	580	440	320	335	300	
700	100	14.4	7.2	230	510	435	200	200	205	
700	150	14.4	7.8	285	520	440	210	211	215	
700	200	14.4	8.4	345	525	445	220	226	230	
700	300	14.4	9.6	460	540	460	260	262	270	
700	400	14.4	10.8	575	555	470	290	295	295	
700	500	14.4	12.0	690	570	480	350	364	370	
700	600	14.4	13.2	810	585	490	385	400	400	
700	700	14.4	14.4	925	600	500	425	437	410	
750	100	15.0	7.2	230	540	460	240	240	250	
750	150	15.0	7.8	290	550	465	255	256	265	
750	200	15.0	8.4	345	555	470	270	272	280	
750	300	15.0	9.6	465	570	485	305	307	310	
750	400	15.0	10.8	580	585	495	340	345	340	
750	500	15.0	12.0	695	600	505	382	396	390	
750	600	15.0	13.2	810	615	515	422	437	445	
750	700	15.0	14.4	925	630	525	465	477	475	
750	750	15.0	15.0	985	640	535	490	503	490	
800	100	15.6	7.2	235	570	485	250	255	250	
800	150	15.6	7.8	290	580	490	260	271	265	
800	200	15.6	8.4	350	585	495	284	286	282	
800	300	15.6	9.6	465	600	510	330	332	335	
800	400	15.6	10.8	580	615	520	365	370	370	
800	500	15.6	12.0	700	630	530	500	514	490	
800	600	15.6	13.2	815	645	540	535	550	525	
800	700	15.6	14.4	930	660	550	550	562	540	
800	800	15.6	15.6	1045	675	565	580	595	570	

# FITTINGS

## 'KESIN' All Socket Tees, Flange on Double Socket Tees



TABLE - 21 Contd.

Nominal DN Body	Diameter dn Branch	e	e <sub>1</sub>	L	H		App. Mass		All Socket	
					D/S	B/F	A/S	D/S B/F		
								PN 10		PN 16
900	150	16.8	7.8	300	640	540	330	331	330	
900	200	16.8	8.4	355	645	545	350	352	350	
900	400	16.8	10.8	590	675	570	450	455	445	
900	600	16.8	13.2	820	705	590	685	700	680	
900	800	16.8	15.6	1050	735	615	710	725	720	
900	900	16.8	16.8	1170	750	625	755	775	750	
1000	150	18.0	7.8	305	700	590	430	430	420	
1000	200	18.0	8.4	360	705	595	450	452	445	
1000	400	18.0	10.8	595	735	620	560	565	550	
1000	600	18.0	13.2	1290	765	640	925	942	880	
1000	800	18.0	15.6	1290	795	665	955	970	910	
1000	1000	18.0	18.0	1290	825	685	985	1020	950	
1100	200	19.2	8.4	370	765	645	690	692	670	
1100	400	19.2	10.8	600	795	670	785	790	780	
1100	600	19.2	13.2	830	825	690	920	935	910	
1100	800	19.2	15.6	1065	855	715	1100	1115	1190	
1100	1000	19.2	18.0	1295	885	735	1300	1335	1360	
1100	1100	19.2	19.2	1410	900	745	1415	1450	1460	
1200	200	20.4	8.4	375	825	695	720	722	800	
1200	400	20.4	10.8	605	855	720	895	900	930	
1200	600	20.4	13.2	840	885	740	1070	1085	1060	
1200	800	20.4	15.6	1070	915	765	1240	1255	1250	
1200	1000	20.4	18.0	1300	945	785	1440	1475	1490	
1200	1200	20.4	20.4	1535	975	805	1770	1825	1710	
1400	400	22.8	10.8	800	950	820	1400	1405	1380	
1400	600	22.8	13.2	1030	980	840	1565	1580	1550	
1400	800	22.8	15.6	1260	1010	865	1770	1785	1750	
1400	1000	22.8	18.0	1495	1040	885	1985	2020	1960	
1400	1200	22.8	20.4	1725	1070	905	2320	2375	2200	
1400	1400	22.8	22.8	1960	1100	930	2630	2690	2500	
1500	400	24.0	10.8	805	1005	870	1510	1515	1400	
1500	600	24.0	13.2	1035	1035	890	1780	1795	1600	
1500	800	24.0	15.6	1270	1065	915	2070	2085	1850	
1500	1000	24.0	18.0	1500	1095	935	2370	2405	2200	
1500	1200	24.0	20.4	1730	1125	955	2700	2755	2400	
1500	1400	24.0	22.8	1965	1155	980	3040	3100	2700	
1500	1500	24.0	24.0	2080	1170	990	3230	3320	2900	
1600	400	25.2	10.8	810	1060	920	1780	1785	1770	
1600	600	25.2	13.2	1040	1090	940	1980	1995	1980	
1600	800	25.2	15.6	1275	1120	965	2230	2245	2220	
1600	1000	25.2	18.0	1505	1150	985	2480	2520	2460	
1600	1200	25.2	20.4	1740	1180	1005	2790	2850	2800	
1600	1400	25.2	22.8	1970	1210	1030	3250	3310	3000	
1600	1600	25.2	25.2	2200	1240	1050	3800	3900	3400	
1800	600	27.6	13.2	1055	1200	1040	2530	2550	2300	
1800	800	27.6	15.6	1285	1230	1065	2900	2920	2600	
1800	1000	27.6	18.0	1520	1260	1085	3300	3340	3000	
1800	1200	27.6	20.4	1750	1290	1105	3700	3760	3300	
1800	1400	27.6	22.8	1980	1320	1130	4100	4160	3700	
1800	1600	27.6	25.2	2215	1350	1150	4600	4700	4100	
1800	1800	27.6	27.6	2445	1380	1175	5100	5220	4600	

NOTE : 1. Size & Dimensions in **RED** are non standard as per IS-9523:2000.

2. TEES in combination of sizes other than above can also be manufactured against specific requirements.