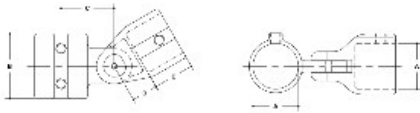


05230 Adj. Elbow or Tee Assembly Aluminum Magnesium 3/4" IPS (1.09" ID)

NOTE: OUTSIDE DIMENSIONS OF CHAIR
APPLY TO UP, DOWN, AND CHAIRING



#17 Adjustable Elbow or Tee Assembly

IPS SIZE	STANDARD (1.09" IPS)						METRIC (1.09" IPS)					
	A	B	C	D	E	F	A	B	C	D	E	F
2"	2.4	2.6	3.22	7.72	3.12		61	66	82	197	79	
2 1/2"	3.1	3.4	4.2	10.4	4.1		79	85	105	257	104	
3"	3.8	4.2	5.1	12.7	5.0		97	104	127	322	127	
3 1/2"	4.5	5.0	6.1	15.2	6.0		115	123	152	389	152	
4"	5.2	5.8	7.1	17.7	7.0		133	142	177	451	177	
4 1/2"	6.0	6.7	8.2	20.3	8.0		151	161	203	514	203	
5"	6.8	7.6	9.3	22.9	9.0		169	180	229	577	229	
5 1/2"	7.7	8.6	10.3	25.5	10.0		187	200	255	640	255	
6"	8.6	9.6	11.3	28.1	11.0		205	219	281	703	281	
6 1/2"	9.6	10.7	12.4	30.7	12.0		223	238	307	766	307	
7"	10.6	11.8	13.6	33.3	13.0		241	257	333	829	333	
7 1/2"	11.7	13.0	14.7	35.9	14.0		259	276	359	892	359	
8"	12.8	14.2	15.9	38.5	15.0		277	295	385	955	385	
8 1/2"	14.0	15.5	17.2	41.1	16.0		295	314	411	1018	411	
9"	15.2	16.8	18.1	43.7	17.0		313	333	437	1081	437	
9 1/2"	16.5	18.2	19.5	46.3	18.0		331	352	463	1144	463	
10"	17.8	19.6	20.8	48.9	19.0		349	371	489	1207	489	
10 1/2"	19.2	21.1	22.1	51.5	20.0		367	390	515	1270	515	
11"	20.6	22.6	23.1	54.1	21.0		385	409	541	1333	541	
11 1/2"	22.1	24.2	24.5	56.7	22.0		403	428	567	1396	567	
12"	23.6	25.8	25.8	59.3	23.0		421	447	593	1459	593	
12 1/2"	25.2	27.5	26.8	61.9	24.0		439	464	619	1522	619	
13"	26.8	29.2	27.8	64.5	25.0		457	482	645	1585	645	
13 1/2"	28.5	31.0	29.5	67.1	26.0		475	500	671	1648	671	
14"	30.2	32.8	31.2	69.7	27.0		493	518	697	1711	697	
14 1/2"	32.0	34.7	33.0	72.3	28.0		511	537	723	1774	723	
15"	33.8	36.6	34.8	74.9	29.0		529	556	749	1837	749	
15 1/2"	35.7	38.6	36.8	77.5	30.0		547	575	775	1900	775	
16"	37.6	40.6	38.8	80.1	31.0		565	595	801	1963	801	
16 1/2"	39.6	42.7	40.9	82.7	32.0		583	615	827	2026	827	
17"	41.6	44.8	43.0	85.3	33.0		601	636	853	2089	853	
17 1/2"	43.7	47.0	45.2	87.9	34.0		619	657	879	2152	879	
18"	45.8	49.2	47.4	90.5	35.0		637	678	905	2215	905	
18 1/2"	48.0	51.5	49.7	93.1	36.0		655	700	931	2278	931	
19"	50.2	53.8	52.0	95.7	37.0		673	722	957	2341	957	
19 1/2"	52.5	56.2	54.4	98.3	38.0		691	745	983	2404	983	
20"	54.8	58.6	56.8	100.9	39.0		709	768	1009	2467	1009	
20 1/2"	57.2	61.1	59.3	103.5	40.0		727	792	1035	2530	1035	
21"	59.6	63.6	61.6	106.1	41.0		745	816	1061	2593	1061	
21 1/2"	62.1	66.2	64.2	108.7	42.0		763	841	1087	2656	1087	
22"	64.6	68.8	66.8	111.3	43.0		781	866	1113	2719	1113	
22 1/2"	67.2	71.5	69.5	113.9	44.0		800	891	1139	2782	1139	
23"	69.8	74.2	72.2	116.5	45.0		818	917	1165	2845	1165	
23 1/2"	72.5	77.0	75.0	119.1	46.0		837	943	1191	2908	1191	
24"	75.2	79.8	77.8	121.7	47.0		855	970	1217	2971	1217	
24 1/2"	78.0	82.7	80.7	124.3	48.0		874	997	1243	3034	1243	
25"	80.8	85.6	83.6	126.9	49.0		893	1025	1269	3097	1269	
25 1/2"	83.7	88.6	86.6	129.5	50.0		912	1053	1295	3160	1295	
26"	86.6	91.6	89.6	132.1	51.0		931	1082	1321	3223	1321	
26 1/2"	89.6	94.7	92.6	134.7	52.0		950	1111	1347	3286	1347	
27"	92.6	97.8	95.6	137.3	53.0		969	1141	1373	3349	1373	
27 1/2"	95.7	101.0	98.8	140.0	54.0		988	1171	1400	3412	1400	
28"	98.8	104.2	102.0	142.6	55.0		1007	1202	1426	3475	1426	
28 1/2"	102.0	107.5	105.3	145.3	56.0		1026	1233	1453	3538	1453	
29"	105.2	110.8	108.0	147.9	57.0		1045	1265	1479	3601	1479	
29 1/2"	108.5	114.2	111.4	150.6	58.0		1064	1297	1506	3664	1506	
30"	111.8	117.6	114.8	153.2	59.0		1083	1330	1532	3727	1532	
30 1/2"	115.2	121.1	118.4	155.9	60.0		1102	1363	1559	3790	1559	
31"	118.6	124.6	121.8	158.5	61.0		1121	1397	1585	3853	1585	
31 1/2"	122.1	128.2	125.4	161.2	62.0		1140	1431	1612	3916	1612	
32"	125.6	131.8	128.0	163.8	63.0		1159	1466	1638	3979	1638	
32 1/2"	129.2	135.5	131.6	166.5	64.0		1178	1501	1665	4042	1665	
33"	132.8	139.2	135.2	169.1	65.0		1197	1537	1691	4105	1691	
33 1/2"	136.5	143.0	139.0	171.8	66.0		1216	1573	1718	4168	1718	
34"	140.2	146.8	142.8	174.4	67.0		1235	1610	1744	4231	1744	
34 1/2"	144.0	150.7	146.6	177.1	68.0		1254	1647	1771	4294	1771	
35"	147.8	154.6	150.4	179.7	69.0		1273	1685	1797	4357	1797	
35 1/2"	151.7	158.6	154.4	182.4	70.0		1292	1723	1824	4420	1824	
36"	155.6	162.6	158.2	185.0	71.0		1311	1762	1850	4483	1850	
36 1/2"	159.6	166.7	162.2	187.7	72.0		1330	1801	1877	4546	1877	
37"	163.6	170.8	166.2	190.3	73.0		1349	1841	1903	4609	1903	
37 1/2"	167.7	175.0	170.4	193.0	74.0		1368	1881	1930	4672	1930	
38"	171.8	179.2	174.6	195.6	75.0		1387	1922	1956	4735	1956	
38 1/2"	176.0	183.5	178.8	198.3	76.0		1406	1963	1983	4798	1983	
39"	180.2	187.8	183.0	200.9	77.0		1425	2005	2009	4861	2009	
39 1/2"	184.5	192.2	187.4	203.6	78.0		1444	2047	2036	4924	2036	
40"	188.8	196.6	191.8	206.2	79.0		1463	2090	2062	4987	2062	
40 1/2"	193.2	201.1	196.2	208.9	80.0		1482	2133	2089	5050	2089	
41"	197.6	205.6	200.6	211.5	81.0		1501	2177	2115	5113	2115	
41 1/2"	202.1	210.2	205.2	214.2	82.0		1520	2221	2142	5176	2142	
42"	206.6	214.8	209.8	216.8	83.0		1539	2266	2168	5239	2168	
42 1/2"	211.2	219.5	214.4	219.5	84.0		1558	2311	2195	5302	2195	
43"	215.8	224.2	219.0	222.1	85.0		1577	2357	2221	5365	2221	
43 1/2"	220.5	229.0	223.6	224.8	86.0		1596	2403	2248	5428	2248	
44"	225.2	233.8	228.2	227.4	87.0		1615	2450	2274	5491	2274	
44 1/2"	230.0	238.7	232.8	230.1	88.0		1634	2497	2301	5554	2301	
45"	234.8	243.6	237.4	232.7	89.0		1653	2545	2327	5617	2327	
45 1/2"	239.7	248.6	242.0	235.4	90.0		1672	2593	2354	5680	2354	
46"	244.6	253.6	246.6	238.0	91.0		1691	2642	2380	5743	2380	
46 1/2"	249.6	258.7	251.2	240.7	92.0		1710	2691	2407	5806	2407	
47"	254.6	263.8	255.8	243.3	93.0		1729	2741	2433	5869	2433	
47 1/2"	259.7	269.0	260.4	246.0	94.0		1748	2791	2460	5932	2460	
48"	264.8	274.2	265.0	248.6	95.0		1767	2842	2486			