Engineering & Technical Data R-4

Circumferences and Areas of Circles

DIAM.	CIR.	AREA	DIAM.	CIR.	AREA	DIAM.	CIR.	AREA	DIAM.	CIR.	AREA	DIAM.	CIR.	AREA
1/64	.04909	.00019	3/4	8.6394	5.9396	1/8	22.384	39.871	1/2	61.261	298.65	3/4	109.170	948.42
1/32	.09818	.00077	13/16	8.8357	6.2126	1/4	22.776	41.282	3/4	62.046	306.35	35	109.956	962.11
3/64	.14726	.00173	7/8	9.0321	6.4918	3/8	23.169	42.718	20	62.832	314.16	1/4	110.741	975.91
1/16	.19635	.00307	15/16	9.2284	6.7771	1/2	23.562	44.179	1/4	63.617	322.06	1/2	111.527	989.80
3/32	.29452	.00690	3	9.4248	7.0686	5/8	23.955	45.664	1/2	64.403	330.06	3/4	112.312	1003.8
1/8	.39270	.01227	1/16	9.6211	7.3662	3/4	24.347	47.173	3/4	65.188	338.16	36	113.097	1017.9
5/32	.49087	.01917	1/8	9.8175	7.6699	7/8	24.740	48.707	21	65.973	346.36	1/4	113.883	1032.1
3/16	.58905	.02761	3/16	10.014	7.9798	8	25.133	50.265	1/4	66.759	354.66	1/2	114.668	1046.3
7/32	.68722	.03758	1/4	10.210	8.2958	1/8	25.525	51.849	1/2	67.544	363.05	3/4	115.454	1060.7
1/4	.78540	.04909	5/16	10.407	8.6179	1/4	25.918	53.456	3/4	68.330	371.54	37	116.239	1075.2
9/32	.88357	.06213	3/8	10.603	8.9462	3/8	26.311	55.088	22	69.115	380.13	1/4	117.024	1089.8
5/16	.98175	.07670	7/16	10.799	9.2806	1/2	26.704	56.745	1/4	69.900	388.82	1/2	117.810	1104.5
11/32	1.0799	.09281	1/2	10.996	9.6211	5/8	27.096	58.426	1/2	70.686	397.61	3/4	118.596	1119.2
3/8	1.1781	.11045	9/16	11.192	9.9678	3/4	27.489	60.132	3/4	71.471	406.49	38	119.381	1134.1
13/32	1.2763	.12962	5/8	11.388	10.321	7/8	27.882	61.862	23	72.257	415.48	1/4	120.166	1149.1
7/16	1.3744	.15033	11/16	11.585	10.680	9	28.274	63.617	1/4	73.042	424.56	1/2	120.951	1164.2
15/32	1.4726	.17257	3/4	11.781	11.045	1/8	28.667	65.397	1/2	73.827	433.74	3/4	121.737	1179.3
1/2	1.5708	.19635	13/16	11.977	11.416	1/4	29.060	67.201	3/4	74.613	443.01	39	122.522	1194.6
17/32	1.6690	.22166	7/8	12.174	11.793	3/8	29.452	69.029	24	75.398	452.39	1/4	123.308	1210.0
9/16	1.7671	.24850	15/16	12.370	12.177	1/2	29.845	70.882	1/4	76.184	461.86	1/2	124.093	1225.4
19/32	1.8653	.27688	4	12.566	12.566	5/8	30.238	72.760	1/2	76.969	471.44	3/4	124.878	1241.0
5/8	1.9635	.30680	1/16	12.763	12.962	3/4	30.631	74.662	3/4	77.754	481.11	40	125.664	1256.6
21/32	2.0617	.33824	1/8	12.959	13.364	7/8	31.023	76.589	25	78.540	490.87	1/4	126.449	1272.4
11/16	2.1598	.37122	3/16	13.155	13.772	10	31.416	78.540	1/4	79.325	500.74	1/2	127.235	1288.2
23/32	2.2580	.40574	1/4	13.352	14.186	1/4	32.201	82.516	1/2	80.111	510.71	3/4	128.020	1304.2
3/4	2.3562	.44179	5/16	13.548	14.607	1/2	32.987	86.590	3/4	80.896	520.77	41	128.805	1320.3
25/32	2.4544	.47937	3/8	13.744	15.033	3/4	33.772	90.763	26	81.681	530.93	1/4	129.591	1336.4
13/16	2.5525	.51849	7/16	13.941	15.466	11	34.558	95.033	1/4	82.467	541.19	1/2	130.376	1352.7
27/32	2.6507	.55914	1/2	14.137	15.904	1/4	35.343	99.402	1/2	83.252	551.55	3/4	131.161	1369.0
7/8	2.7489	.60132	9/16	14.334	16.349	1/2	36.128	103.87	3/4	84.038	562.00	42	131.947	1385.4
29/32	2.8471	.64504	5/8	14.530	16.800	3/4	36.914	108.43	27	84.823	572.56	1/4	132.732	1402.0
15/16	2.9452	.69029	11/16	14.726	17.257	12	37.699	113.10	1/4	85.608	583.21	1/2	133.518	1418.6
31/32	3.0434	.73708	3/4	14.923	17.721	1/4	38.485	117.86	1/2	86.394	593.96	3/4	134.303	1435.4
1	3.1416	.7854	13/16	15.119	18.190	1/2	39.270	122.72	3/4	87.179	604.81	43	135.088	1452.2
1/16	3.3379	.8866	7/8	15.315	18.665	3/4	40.055	127.68	28	87.965	615.75	1/4	135.874	1469.1
1/8	3.5343	.9940	15/16	15.512	19.147	13	40.841	132.73	1/4	88.750	626.80	1/2	136.659	1486.2
3/16	3.7306	1.1075	5	15.708	19.635	1/4	41.626	137.89	1/2	89.535	637.94	3/4	137.445	1503.3
1/4	3.9270	1.2272	1/16	15.904	20.129	1/2	42.412	143.14	3/4	90.321	649.18	44	138.230	1520.5
5/16	4.1233	1.3530	1/8	16.101	20.629	3/4	43.197	148.49	29	91.106	660.52	1/4	139.015	1537.9
3/8	4.3197	1.4849	3/16	16.297	21.135	14	43.982	153.94	1/4	91.892	671.96	1/2	139.801	1555.3
7/16	4.5160	1.6230	1/4	16.493	21.648	1/4	44.768	159.48	1/2	92.677	683.49	3/4	140.586	1572.8
1/2	4.7124	1.7671	5/16	16.690	22.166	1/2	45.553	165.13	3/4	93.462	695.13	45	141.372	1590.4
9/16	4.9087	1.9175	3/8	16.886	22.691	3/4	46.338	170.87	30	94.248	706.86	1/4	142.157	1608.2
5/8	5.1051	2.0739	7/16	17.082	23.221	15	47.124	176.71	1/4	95.033	718.69	1/2	142.942	1626.0
11/16	5.3014	2.2365	1/2	17.279	23.758	1/4	47.909	182.65	1/2	95.819	730.62	3/4	143.728	1643.9
3/4	5.4978	2.4053	9/16	17.475	24.301	1/2	48.695	188.69	3/4	96.604	742.64	46	144.513	1661.9
13/16	5.6941	2.5802	5/8	17.671	24.850	3/4	49.480	194.83	31	97.389	754.77	1/4	145.299	1680.0
7/8	5.8905	2.7612	11/16	17.868	25.406	16	50.265	201.06	1/4	98.175	766.99	1/2	146.084	1698.2
15/16	6.0868	2.9483	3/4	18.064	25.967	1/4	51.051	207.39	1/2	98.960	779.31	3/4	146.869	1716.5
2	6.2832	3.1416	13/16	18.261	26.535	1/2	51.836	213.82	3/4	99.746	791.73	47	147.655	1734.9
1/16	6.4795	3.3410	7/8	18.457	27.109	3/4	52.622	220.35	32	100.531	804.25	1/4	148.440	1735.5
1/8	6.6759	3.5466	15/16	18.653	27.688	17	53.407	226.98	1/4	101.316	816.86	1/2	149.226	1772.1
3/16	6.8722	3.7583	6	18.850	28.274	1/4	54.192	233.71	1/2	102.102	829.58	3/4	150.011	1790.8
1/4	7.0686	3.9761	1/8	19.242	29.465	1/2	54.978	240.53	3/4	102.887	842.39	48	150.796	1809.6
5/16	7.2649	4.2000	1/4	19.635	30.680	3/4	55.763	247.45	33	103.673	855.30	1/4	151.582	1828.5
3/8	7.4613	4.4301	3/8	20.028	31.919	18	56.549	254.47	1/4	104.458	868.31	1/2	152.367	1847.5
7/16	7.6576	4.6664	1/2	20.420	33.183	1/4	57.334	261.59	1/2	105.243	881.41	3/4	153.153	1866.5
1/2	7.8540	4.9087	5/8	20.813	34.472	1/2	58.119	268.80	3/4	106.029	894.62	49	153.938	1885.7
9/16	8.0503	5.1572	3/4	21.206	35.785	3/4	58.905	276.12	34	106.814	907.92	1/4	154.723	1905.0
5/8	8.2467	5.4119	7/8	21.598	37.122	19	59.690	283.53	1/4	107.600	921.32	1/2	155.509	1924.4
11/16	8.4430	5.6727	7	21.991	38.485	1/4	60.476	291.04	1/2	108.385	934.82	3/4	156.294	1943.9
												50	157.080	1963.5

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