

CheapJumpRings.com

Aspect Ratio Chart

Tightness		AWG Gauge	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Diameter		mm	1.628	1.45	1.291	1.15	1.016	0.9119	0.8128	0.7239	0.6426	0.57404	0.5106	0.4547	0.4038	0.3606	0.32
	Fract in	Dec in	0.06409	0.05709	0.05083	0.04528	0.04	0.0359	0.032	0.0285	0.0253	0.0226	0.0201	0.0179	0.0159	0.0142	0.0126
	1/16	0.0625	0.98	1.09	1.23	1.38	1.56	1.74	1.95	2.19	2.47	2.77	3.11	3.49	3.93	4.40	4.96
	5/64	0.0781	1.22	1.37	1.54	1.73	1.95	2.18	2.44	2.74	3.09	3.46	3.89	4.36	4.91	5.50	6.20
2		0.0787	1.23	1.38	1.55	1.74	1.97	2.19	2.46	2.76	3.11	3.48	3.92	4.40	4.95	5.55	6.25
	3/32 in	0.0938	1.46	1.64	1.84	2.07	2.34	2.61	2.93	3.29	3.71	4.15	4.66	5.24	5.90	6.60	7.44
2.5		0.0984	1.54	1.72	1.94	2.17	2.46	2.74	3.08	3.45	3.89	4.36	4.90	5.50	6.19	6.93	7.81
3.0		0.1181	1.84	2.07	2.32	2.61	2.95	3.29	3.69	4.14	4.67	5.23	5.88	6.60	7.43	8.32	9.38
	1/8	0.1250	1.95	2.19	2.46	2.76	3.13	3.48	3.91	4.39	4.94	5.53	6.22	6.98	7.86	8.80	9.92
3.5		0.1378	2.15	2.41	2.71	3.04	3.44	3.84	4.31	4.83	5.45	6.10	6.85	7.70	8.67	9.71	10.94
	9/64	0.1406	2.19	2.46	2.77	3.11	3.52	3.92	4.39	4.93	5.56	6.22	7.00	7.86	8.85	9.91	11.16
	5/32	0.1563	2.44	2.74	3.07	3.45	3.91	4.35	4.88	5.48	6.18	6.91	7.77	8.73	9.83	11.01	12.40
4.0		0.1575	2.46	2.76	3.10	3.48	3.94	4.39	4.92	5.53	6.22	6.97	7.83	8.80	9.91	11.09	12.50
	11/64	0.1719	2.68	3.01	3.38	3.80	4.30	4.79	5.37	6.03	6.79	7.61	8.55	9.60	10.81	12.11	13.64
4.5		0.1772	2.76	3.10	3.49	3.91	4.43	4.93	5.54	6.22	7.00	7.84	8.81	9.90	11.14	12.48	14.06
	3/16	0.1875	2.93	3.28	3.69	4.14	4.69	5.22	5.86	6.58	7.41	8.30	9.33	10.47	11.79	13.21	14.88
5.0		0.1969	3.07	3.45	3.87	4.35	4.92	5.48	6.15	6.91	7.78	8.71	9.79	11.00	12.38	13.87	15.63
5.5		0.2165	3.38	3.79	4.26	4.78	5.41	6.03	6.77	7.60	8.56	9.58	10.77	12.10	13.62	15.25	17.19
	7/32	0.2188	3.41	3.83	4.30	4.83	5.47	6.09	6.84	7.68	8.65	9.68	10.88	12.22	13.76	15.41	17.36
	15/64	0.2344	3.66	4.11	4.61	5.18	5.86	6.53	7.32	8.22	9.26	10.37	11.66	13.09	14.74	16.51	18.60
6.0		0.2362	3.69	4.14	4.65	5.22	5.91	6.58	7.38	8.29	9.34	10.45	11.75	13.20	14.86	16.64	18.75
6.5		0.2559	3.99	4.48	5.03	5.65	6.40	7.13	8.00	8.98	10.12	11.32	12.73	14.30	16.10	18.03	20.31
7.0		0.2756	4.30	4.83	5.42	6.09	6.89	7.68	8.61	9.67	10.89	12.19	13.71	15.39	17.34	19.41	21.88
	9/32	0.2813	4.39	4.93	5.53	6.21	7.03	7.83	8.79	9.87	11.12	12.44	13.99	15.71	17.69	19.81	22.32
7.5		0.2953	4.61	5.17	5.81	6.52	7.38	8.22	9.23	10.36	11.67	13.07	14.69	16.49	18.57	20.80	23.44
	5/16	0.3125	4.88	5.47	6.15	6.90	7.81	8.70	9.77	10.96	12.35	13.83	15.55	17.46	19.66	22.01	24.80
8.0		0.3150	4.91	5.52	6.20	6.96	7.87	8.77	9.84	11.05	12.45	13.94	15.67	17.59	19.81	22.19	25.00
8.5		0.3346	5.22	5.86	6.58	7.39	8.37	9.32	10.46	11.74	13.23	14.81	16.65	18.69	21.05	23.57	26.56
9.0		0.3543	5.53	6.21	6.97	7.83	8.86	9.87	11.07	12.43	14.01	15.68	17.63	19.79	22.29	24.96	28.13
	23/64	0.3594	5.61	6.30	7.07	7.94	8.98	10.01	11.23	12.61	14.20	15.90	17.88	20.08	22.61	25.31	28.53
9.5		0.3740	5.84	6.55	7.36	8.26	9.35	10.42	11.69	13.12	14.78	16.55	18.61	20.89	23.53	26.34	29.69
	25/64	0.3906	6.09	6.84	7.69	8.63	9.77	10.88	12.21	13.71	15.44	17.28	19.43	21.82	24.57	27.51	31.01
10.0		0.3937	6.14	6.90	7.75	8.70	9.84	10.97	12.30	13.81	15.56	17.42	19.58	21.99	24.76	27.73	31.25
10.5		0.4134	6.45	7.24	8.13	9.13	10.33	11.51	12.92	14.50	16.34	18.29	20.56	23.09	26.00	29.12	32.81
11.0		0.4331	6.76	7.59	8.52	9.57	10.83	12.06	13.53	15.20	17.12	19.16	21.54	24.19	27.24	30.50	34.38
	7/16	0.4375	6.83	7.66	8.61	9.66	10.94	12.19	13.67	15.35	17.29	19.36	21.76	24.44	27.52	30.82	34.73
11.5		0.4528	7.06	7.93	8.91	10.00	11.32	12.61	14.15	15.89	17.90	20.03	22.52	25.29	28.48	31.89	35.94
	15/32	0.4688	7.31	8.21	9.22	10.35	11.72	13.06	14.65	16.45	18.53	20.74	23.32	26.18	29.49	33.02	37.21
12.0		0.4724	7.37	8.28	9.30	10.43	11.81	13.16	14.76	16.58	18.67	20.90	23.50	26.39	29.72	33.28	37.50
12.5		0.4921	7.68	8.62	9.68	10.87	12.30	13.71	15.38	17.27	19.45	21.78	24.48	27.49	30.96	34.66	39.06
13.0		0.5118	7.99	8.97	10.07	11.30	12.80	14.26	15.99	17.96	20.23	22.65	25.46	28.59	32.19	36.05	40.63

Adjusting tightness of a project

Concerned about maintaining "tightness or looseness" of your project as you change jump ring gauge? Want to make your project tighter or looser? Here is how: [Download my Tightness Ratio Chart](#). Then look up the ratio for the project as you currently have it.

To make the project tighter, change either the gauge or diameter to yield a lower number. to make it looser, change either the gauge or diameter to yield a higher number. To change the gauge or diameter while maintaining the same tightness, find the appropriate combination of gauge and diameter to keep the ratio about the same.