

Octagon relationship - Side to Height/Width

Diameter	Side	Side	1st Line	Diameter	Side	Side	1st Line
1	7/16	0.414	0.293	1 1/8	7/16	0.440	0.311
1 1/4	1/2	0.518	0.366	1 3/8	9/16	0.544	0.384
1 1/2	10/16	0.621	0.439	1 5/8	5/8	0.647	0.458
1 3/4	3/4	0.725	0.513	1 7/8	3/4	0.751	0.531
2	13/16	0.828	0.586	2 1/8	7/8	0.854	0.604
2 1/4	15/16	0.932	0.659	2 3/8	15/16	0.958	0.677
2 1/2	1 1/16	1.036	0.732	2 5/8	1 1/16	1.061	0.751
2 3/4	1 1/8	1.139	0.805	2 7/8	1 3/16	1.165	0.824
3	1 1/4	1.243	0.879	3 1/8	1 1/4	1.269	0.897
3 1/4	1 3/8	1.346	0.952	3 3/8	1 3/8	1.372	0.970
3 1/2	1 7/16	1.450	1.025	3 5/8	1 1/2	1.476	1.043
3 3/4	1 9/16	1.553	1.098	3 7/8	1 9/16	1.579	1.117
4	1 11/16	1.657	1.172	4 1/8	1 11/16	1.683	1.190
4 1/4	1 3/4	1.760	1.245	4 3/8	1 13/16	1.786	1.263
4 1/2	1 7/8	1.864	1.318	4 5/8	1 7/8	1.890	1.336
4 3/4	1 15/16	1.968	1.391	4 7/8	2	1.993	1.410
5	2 1/16	2.071	1.464	5 1/8	2 1/8	2.097	1.483
5 1/4	2 3/16	2.175	1.538	5 3/8	2 3/16	2.201	1.556
5 1/2	2 1/4	2.278	1.611	5 5/8	2 5/16	2.304	1.629
5 3/4	2 3/8	2.382	1.684	5 7/8	2 7/16	2.408	1.702
6	2 1/2	2.485	1.757	6 1/8	2 1/2	2.511	1.776
6 1/4	2 9/16	2.589	1.831	6 3/8	2 5/8	2.615	1.849
6 1/2	2 11/16	2.692	1.904	6 5/8	2 11/16	2.718	1.922
6 3/4	2 13/16	2.796	1.977	6 7/8	2 13/16	2.822	1.995
7	2 7/8	2.899	2.050	7 1/8	2 15/16	2.925	2.069
7 1/4	3	3.003	2.123	7 3/8	3	3.029	2.142
7 1/2	3 1/8	3.107	2.197	7 5/8	3 1/8	3.132	2.215
7 3/4	3 3/16	3.210	2.270	7 7/8	3 1/4	3.236	2.288
8	3 5/16	3.314	2.343	8 1/8	3 5/16	3.340	2.361

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