ニュートン原器案内

価格表

曲率10ｍｍ以上*1

外径区分*2		親原器（新規R）*3		準原器（既存R）	工場原器*6*7
		凸凹対	片面のみ*4	凸凹対*5*6	
10～15	1ｍｍ単位	20,400	14,300	13,300	5,000
16～20					4,200
21～25					4,600
26～30		22,700	15,900	14,800	5,100
31～35		25,000	17,500	16,300	5,800
36～40		27,400	19,200	17,900	6,700
42～44	2ｍｍ単位	30,100	21,100	19,600	7,700
46～50		32,600	22,900	21,300	8,600
52～54		35,000	24,500	22,800	9,500
56～60		38,100	26,700	24,800	10,300
62～64		41,100	28,800	26,800	11,200
66～70		44,400	31,100	28,900	12,200
75	5ｍｍ単位	47,600	33,400	31,100	13,800
80		50,900	35,700	33,200	15,000
85		54,200	38,000	35,300	16,000
90		57,700	40,400	37,600	17,100
95		61,200	42,900	39,900	18,300
100	10ｍｍ単位	64,200	45,000	41,800	19,200
110					23,000
120					27,600
130					32,200

曲率10ｍｍ未満

曲率区分	親原器（新規R）		準原器（既存R）	工場原器*6*7
	凸凹対	片面のみ	凸凹対*5*6	
2.5を超え ～3.5未満	30,100	21,100	19,600	10,000
3.5を超え～5.0未満	27,400	19,200	17,900	8,500
5.0を超え～6.5未満	25,000	17,500	16,300	7,200
6.5を超え～8.0未満	22,700	15,900	14,800	6,500
8.0を超え～10.0未満	20,700	14,500	13,500	5,500

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注 *1　材質は青板硝子又はBK7相当です。
外径÷曲率＞1.8の場合別途お見積りとなります。
*2　最小の外径はφ10で形状はストレートとさせていただきます。
曲率面が外径より小さい場合は別途見積りとなります。
*3　曲率の製作範囲は最小2.5mm～最大凹面1476ｍｍ,凸面820ｍｍで、
範囲外のものは別途ご相談ください。
*4　曲率の製作範囲は最小2.5ｍｍから最大凹面1476ｍｍ,凸面820ｍｍとします。
*5　準原器は弊社マスター原器からのコピーで、片面のみはございません。
*6　準原器と工場原器の測定データは有償で費用と測定範囲は以下の通りです。
測定範囲　凹面曲率1476ｍｍ凸面曲率820ｍｍ
費用　面精度のみ¥1,000/面　面精度及び曲率¥2,000/面
*7　ニュートン本数スライドは30％増しとします。

精度 親原器
面精度　：PV≦0.1wave RMS≦0.02wave
曲率精度：

曲率区分	精度
～3未満	0.05%以内
3を超え10未満	0.03％以内
10を超え～	0.01％以内

準原器
面精度　：PV≦0.125wave RMS≦0.02wave
曲率精度：親原器に対してニュートン±0.5本以下　凸凹相互差±0.5本以内
工場原器（ニュートン本数スライド含む）
面精度　：PV≦0.125wave RMS≦0.02wave
曲率精度：親原器に対してニュートン±0.5本以下

納期 *数量や難易度によって変わります。ご注文の際にご確認ください。
親原器　：受注後3～4週間
準原器　：受注後2～3週間
工場原器：受注後2～3週間

その他 ご注文の総額が1万円に満たない場合の送料は請求金額に¥1,000上乗せさせていただきます。
平面原器のご用命は別途ご相談ください。

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木下光学ニュートン板リスト 1

2022/01/01現在　5415枚

2.054	3.688	4.540	5.500	6.340	7.080	7.810	8.652	9.474	10.158	10.899	11.644	12.495	13.355	14.161	14.989
2.265	3.700	4.541	5.503	6.342	7.094	7.813	8.669	9.494	10.159	10.905	11.653	12.498	13.369	14.171	15.000
2.399	3.713	4.542	5.511	6.363	7.116	7.819	8.671	9.497	10.168	10.920	11.664	12.500	13.380	14.172	15.011
2.400	3.730	4.550	5.554	6.372	7.144	7.830	8.675	9.500	10.179	10.923	11.675	12.524	13.385	14.179	15.012
2.420	3.732	4.554	5.570	6.373	7.150	7.834	8.694	9.505	10.190	10.938	11.693	12.533	13.394	14.181	15.091
2.476	3.737	4.566	5.600	6.378	7.177	7.847	8.700	9.514	10.198	10.950	11.697	12.540	13.398	14.192	15.093
2.500	3.742	4.588	5.612	6.400	7.179	7.850	8.711	9.516	10.204	10.965	11.700	12.557	13.401	14.197	15.102
2.537	3.757	4.600	5.634	6.412	7.181	7.854	8.714	9.525	10.206	10.969	11.702	12.569	13.412	14.200	15.129
2.549	3.763	4.620	5.642	6.420	7.200	7.892	8.734	9.528	10.209	10.970	11.726	12.598	13.420	14.219	15.141
2.661	3.800	4.632	5.649	6.438	7.217	7.893	8.738	9.530	10.215	10.975	11.729	12.620	13.434	14.228	15.145
2.711	3.822	4.636	5.659	6.441	7.236	7.900	8.740	9.536	10.218	10.990	11.733	12.630	13.440	14.230	15.154
2.723	3.837	4.660	5.665	6.460	7.243	7.933	8.762	9.540	10.220	11.000	11.740	12.632	13.447	14.240	15.165
2.780	3.838	4.666	5.670	6.477	7.249	7.935	8.767	9.550	10.252	11.009	11.749	12.640	13.450	14.247	15.175
2.855	3.892	4.670	5.677	6.479	7.251	7.940	8.771	9.552	10.258	11.013	11.753	12.652	13.465	14.260	15.189
2.862	3.900	4.673	5.683	6.481	7.268	7.948	8.783	9.583	10.260	11.015	11.767	12.675	13.471	14.262	15.198
2.874	3.975	4.685	5.685	6.483	7.270	7.953	8.800	9.600	10.294	11.039	11.787	12.680	13.497	14.279	15.201
2.900	3.981	4.688	5.691	6.486	7.274	7.971	8.818	9.602	10.300	11.050	11.800	12.686	13.500	14.280	15.205
2.904	3.984	4.702	5.693	6.491	7.280	8.000	8.860	9.608	10.310	11.053	11.816	12.700	13.501	14.300	15.220
2.980	4.000	4.725	5.700	6.498	7.281	8.010	8.896	9.613	10.320	11.072	11.840	12.729	13.503	14.307	15.238
3.000	4.003	4.726	5.727	6.500	7.287	8.022	8.897	9.616	10.325	11.100	11.845	12.780	13.507	14.310	15.242
3.001	4.005	4.729	5.730	6.528	7.299	8.030	8.910	9.633	10.330	11.102	11.850	12.800	13.553	14.319	15.247
3.009	4.007	4.780	5.743	6.529	7.300	8.045	8.944	9.665	10.359	11.103	11.868	12.802	13.554	14.320	15.259
3.011	4.025	4.785	5.780	6.540	7.330	8.049	8.951	9.666	10.365	11.113	11.869	12.806	13.570	14.343	15.290
3.043	4.045	4.791	5.782	6.563	7.350	8.069	8.963	9.669	10.370	11.121	11.889	12.819	13.579	14.364	15.309
3.054	4.047	4.794	5.820	6.569	7.360	8.082	8.986	9.699	10.373	11.135	11.900	12.821	13.580	14.390	15.314
3.064	4.050	4.800	5.826	6.570	7.373	8.096	8.989	9.716	10.374	11.146	11.918	12.830	13.604	14.400	15.327
3.065	4.059	4.813	5.834	6.572	7.386	8.103	9.000	9.734	10.380	11.150	11.937	12.870	13.630	14.434	15.341
3.072	4.073	4.815	5.839	6.600	7.400	8.105	9.002	9.743	10.382	11.185	11.950	12.871	13.633	14.435	15.391
3.081	4.077	4.832	5.861	6.603	7.407	8.110	9.013	9.748	10.388	11.195	11.959	12.880	13.646	14.436	15.400
3.093	4.095	4.835	5.866	6.609	7.415	8.155	9.026	9.765	10.400	11.200	11.963	12.884	13.647	14.437	15.415
3.095	4.100	4.872	5.869	6.643	7.422	8.157	9.038	9.780	10.414	11.203	12.000	12.889	13.651	14.440	15.449
3.119	4.117	4.920	5.873	6.645	7.432	8.159	9.045	9.788	10.416	11.221	12.009	12.898	13.666	14.449	15.460
3.160	4.120	4.923	5.879	6.646	7.436	8.174	9.047	9.797	10.426	11.228	12.013	12.900	13.689	14.461	15.490
3.175	4.137	4.933	5.900	6.647	7.461	8.176	9.051	9.798	10.427	11.240	12.015	12.902	13.699	14.473	15.500
3.180	4.146	4.960	5.910	6.666	7.472	8.200	9.055	9.799	10.445	11.249	12.040	12.904	13.700	14.500	15.501
3.192	4.168	4.967	5.916	6.671	7.475	8.202	9.082	9.800	10.452	11.268	12.050	12.913	13.721	14.505	15.506
3.195	4.188	4.983	5.917	6.680	7.478	8.203	9.101	9.819	10.455	11.280	12.051	12.920	13.722	14.507	15.510
3.200	4.197	5.000	5.920	6.707	7.479	8.209	9.130	9.820	10.487	11.287	12.054	12.922	13.734	14.511	15.515
3.221	4.203	5.046	5.922	6.710	7.482	8.218	9.138	9.830	10.488	11.296	12.060	12.971	13.750	14.515	15.527
3.223	4.204	5.060	5.956	6.713	7.499	8.219	9.142	9.840	10.501	11.317	12.079	12.980	13.770	14.532	15.529
3.227	4.216	5.083	5.960	6.740	7.503	8.240	9.150	9.863	10.504	11.328	12.081	12.990	13.789	14.544	15.539
3.248	4.218	5.100	5.976	6.750	7.504	8.259	9.155	9.866	10.518	11.330	12.101	13.000	13.793	14.545	15.550
3.259	4.220	5.104	6.000	6.752	7.506	8.280	9.157	9.873	10.550	11.336	12.104	13.003	13.800	14.551	15.570
3.270	4.242	5.120	6.005	6.769	7.511	8.305	9.160	9.879	10.575	11.362	12.116	13.052	13.840	14.560	15.597
3.329	4.243	5.129	6.033	6.770	7.542	8.316	9.162	9.881	10.577	11.370	12.120	13.069	13.845	14.580	15.601
3.333	4.266	5.196	6.040	6.773	7.546	8.319	9.167	9.888	10.599	11.379	12.130	13.075	13.866	14.587	15.610
3.340	4.280	5.200	6.042	6.776	7.559	8.331	9.174	9.892	10.600	11.391	12.148	13.077	13.882	14.590	15.612
3.343	4.285	5.206	6.085	6.778	7.564	8.334	9.180	9.904	10.613	11.399	12.150	13.078	13.886	14.597	15.618
3.348	4.287	5.210	6.100	6.796	7.573	8.335	9.185	9.908	10.614	11.416	12.166	13.083	13.897	14.600	15.621
3.360	4.300	5.212	6.114	6.799	7.579	8.353	9.189	9.916	10.630	11.419	12.182	13.103	13.899	14.607	15.641
3.370	4.301	5.221	6.120	6.800	7.580	8.359	9.196	9.917	10.640	11.422	12.190	13.124	13.902	14.616	15.644
3.384	4.304	5.230	6.122	6.810	7.588	8.370	9.200	9.928	10.645	11.429	12.201	13.127	13.903	14.634	15.645
3.400	4.315	5.282	6.146	6.835	7.594	8.380	9.225	9.935	10.646	11.446	12.220	13.138	13.906	14.650	15.651
3.403	4.323	5.290	6.155	6.843	7.610	8.382	9.230	9.939	10.670	11.454	12.227	13.173	13.914	14.657	15.652
3.416	4.329	5.300	6.160	6.850	7.612	8.392	9.241	9.943	10.679	11.460	12.253	13.176	13.918	14.658	15.661
3.430	4.349	5.322	6.167	6.861	7.622	8.400	9.250	9.947	10.680	11.463	12.265	13.180	13.930	14.696	15.663
3.447	4.350	5.336	6.172	6.900	7.626	8.418	9.253	9.980	10.701	11.470	12.268	13.191	13.950	14.699	15.669
3.481	4.386	5.340	6.188	6.914	7.629	8.438	9.258	9.984	10.707	11.475	12.282	13.194	13.991	14.720	15.681
3.487	4.399	5.341	6.200	6.922	7.630	8.470	9.266	9.998	10.709	11.479	12.292	13.200	14.002	14.730	15.717
3.500	4.413	5.346	6.225	6.926	7.660	8.472	9.269	10.000	10.724	11.483	12.301	13.203	14.007	14.739	15.738
3.507	4.430	5.349	6.226	6.942	7.673	8.489	9.289	10.017	10.746	11.496	12.327	13.217	14.012	14.750	15.758
3.527	4.431	5.350	6.230	6.962	7.677	8.500	9.299	10.030	10.757	11.499	12.330	13.245	14.013	14.789	15.770
3.530	4.435	5.366	6.250	6.963	7.692	8.505	9.308	10.036	10.760	11.501	12.334	13.257	14.020	14.790	15.779
3.537	4.450	5.378	6.253	6.975	7.701	8.507	9.318	10.046	10.775	11.506	12.340	13.260	14.046	14.794	15.784
3.543	4.466	5.381	6.280	6.980	7.710	8.520	9.320	10.060	10.780	11.510	12.362	13.269	14.050	14.797	15.799
3.584	4.470	5.386	6.292	6.997	7.740	8.569	9.330	10.080	10.800	11.520	12.364	13.273	14.060	14.801	15.860
3.615	4.477	5.405	6.293	6.998	7.742	8.575	9.342	10.090	10.806	11.535	12.370	13.300	14.072	14.806	15.862
3.620	4.482	5.406	6.300	7.010	7.743	8.579	9.354	10.093	10.810	11.540	12.380	13.305	14.083	14.808	15.880
3.630	4.500	5.407	6.303	7.022	7.754	8.594	9.358	10.099	10.814	11.560	12.400	13.307	14.095	14.847	15.895
3.632	4.503	5.417	6.309	7.032	7.769	8.598	9.386	10.102	10.840	11.565	12.420	13.330	14.098	14.860	15.900
3.650	4.504	5.431	6.322	7.040	7.770	8.599	9.400	10.110	10.850	11.579	12.423	13.335	14.100	14.900	15.940
3.652	4.505	5.450	6.325	7.043	7.781	8.609	9.410	10.120	10.859	11.582	12.440	13.341	14.116	14.921	16.000
3.668	4.511	5.461	6.327	7.050	7.786	8.630	9.416	10.137	10.861	11.586	12.450	13.342	14.140	14.959	16.002
3.680	4.517	5.473	6.330	7.060	7.791	8.633	9.441	10.145	10.889	11.600	12.459	13.348	14.149	14.975	16.020
3.685	4.531	5.487	6.333	7.068	7.800	8.651	9.450	10.151	10.897	11.614	12.478	13.351	14.158	14.980	16.022

木下光学ニュートン板リスト 2

2022/01/01現在　5415枚

16.037	17.040	17.957	18.842	19.578	20.394	21.249	22.163	22.923	24.017	25.192	26.072	27.106	28.014	29.249	30.298
16.048	17.066	17.974	18.847	19.590	20.400	21.263	22.171	22.962	24.019	25.200	26.078	27.119	28.042	29.255	30.314
16.049	17.082	17.986	18.850	19.598	20.405	21.270	22.175	23.000	24.080	25.208	26.085	27.146	28.067	29.267	30.318
16.053	17.099	17.990	18.851	19.604	20.430	21.291	22.177	23.052	24.088	25.232	26.100	27.148	28.074	29.270	30.322
16.069	17.130	17.998	18.854	19.628	20.444	21.300	22.190	23.056	24.100	25.257	26.114	27.149	28.075	29.300	30.327
16.076	17.140	18.000	18.859	19.630	20.462	21.310	22.204	23.080	24.102	25.262	26.156	27.150	28.100	29.311	30.340
16.098	17.150	18.013	18.867	19.660	20.468	21.314	22.205	23.098	24.122	25.280	26.164	27.153	28.120	29.316	30.349
16.109	17.155	18.068	18.900	19.670	20.480	21.318	22.215	23.108	24.135	25.287	26.189	27.154	28.152	29.320	30.385
16.120	17.189	18.070	18.910	19.675	20.482	21.330	22.225	23.123	24.172	25.301	26.200	27.158	28.165	29.330	30.393
16.130	17.215	18.096	18.923	19.677	20.500	21.354	22.226	23.130	24.178	25.312	26.203	27.182	28.178	29.340	30.402
16.140	17.221	18.104	18.929	19.690	20.501	21.355	22.229	23.140	24.198	25.327	26.223	27.188	28.226	29.371	30.410
16.151	17.229	18.122	18.930	19.700	20.504	21.360	22.230	23.158	24.209	25.336	26.231	27.192	28.229	29.405	30.415
16.154	17.231	18.150	18.938	19.708	20.507	21.362	22.250	23.190	24.231	25.380	26.238	27.198	28.232	29.452	30.429
16.161	17.236	18.160	18.950	19.723	20.509	21.386	22.259	23.198	24.240	25.399	26.247	27.211	28.261	29.471	30.457
16.176	17.245	18.162	18.970	19.733	20.528	21.400	22.270	23.223	24.250	25.400	26.259	27.236	28.273	29.477	30.480
16.180	17.250	18.166	18.990	19.762	20.534	21.403	22.274	23.230	24.258	25.425	26.281	27.243	28.275	29.478	30.500
16.188	17.286	18.171	18.996	19.765	20.537	21.413	22.280	23.232	24.288	25.440	26.300	27.244	28.283	29.481	30.508
16.189	17.299	18.181	19.000	19.791	20.544	21.416	22.294	23.243	24.291	25.453	26.318	27.248	28.300	29.495	30.516
16.199	17.305	18.190	19.011	19.794	20.569	21.419	22.295	23.251	24.302	25.464	26.351	27.262	28.305	29.500	30.550
16.215	17.332	18.199	19.015	19.798	20.572	21.470	22.298	23.269	24.335	25.468	26.360	27.283	28.370	29.521	30.558
16.230	17.358	18.210	19.016	19.807	20.580	21.496	22.330	23.292	24.345	25.471	26.364	27.285	28.378	29.525	30.580
16.249	17.360	18.230	19.017	19.809	20.600	21.499	22.341	23.300	24.371	25.473	26.370	27.289	28.400	29.530	30.584
16.255	17.370	18.233	19.027	19.821	20.628	21.500	22.349	23.303	24.397	25.491	26.395	27.306	28.413	29.541	30.593
16.270	17.387	18.244	19.043	19.832	20.630	21.502	22.359	23.308	24.420	25.498	26.431	27.319	28.432	29.562	30.600
16.297	17.400	18.249	19.061	19.849	20.643	21.528	22.370	23.310	24.431	25.499	26.448	27.348	28.474	29.592	30.631
16.299	17.402	18.268	19.064	19.860	20.700	21.537	22.390	23.311	24.436	25.504	26.460	27.350	28.501	29.593	30.657
16.312	17.439	18.269	19.069	19.864	20.705	21.540	22.398	23.320	24.488	25.507	26.466	27.354	28.513	29.607	30.658
16.330	17.463	18.286	19.072	19.866	20.721	21.542	22.400	23.327	24.491	25.513	26.471	27.357	28.536	29.621	30.687
16.350	17.466	18.288	19.075	19.869	20.737	21.548	22.402	23.331	24.493	25.518	26.497	27.375	28.564	29.630	30.693
16.355	17.470	18.291	19.090	19.902	20.741	21.553	22.408	23.340	24.500	25.537	26.501	27.390	28.570	29.634	30.699
16.381	17.479	18.299	19.100	19.909	20.746	21.568	22.420	23.360	24.503	25.548	26.531	27.398	28.590	29.646	30.720
16.399	17.485	18.302	19.106	19.917	20.750	21.600	22.429	23.409	24.504	25.578	26.534	27.427	28.592	29.650	30.752
16.410	17.490	18.304	19.107	19.922	20.764	21.610	22.444	23.414	24.506	25.580	26.540	27.466	28.611	29.665	30.770
16.418	17.494	18.335	19.109	19.928	20.785	21.614	22.450	23.459	24.511	25.591	26.543	27.470	28.619	29.673	30.800
16.430	17.500	18.350	19.120	19.930	20.790	21.620	22.480	23.491	24.520	25.592	26.546	27.482	28.628	29.686	30.816
16.470	17.503	18.357	19.134	19.933	20.800	21.637	22.481	23.496	24.550	25.596	26.552	27.498	28.640	29.690	30.844
16.483	17.507	18.361	19.150	19.943	20.810	21.640	22.485	23.500	24.579	25.598	26.557	27.549	28.653	29.695	30.856
16.500	17.508	18.370	19.170	19.967	20.814	21.668	22.490	23.536	24.600	25.602	26.561	27.563	28.660	29.699	30.863
16.505	17.510	18.381	19.176	19.980	20.820	21.669	22.495	23.540	24.619	25.603	26.569	27.570	28.664	29.705	30.864
16.510	17.521	18.393	19.180	19.987	20.850	21.679	22.500	23.550	24.620	25.609	26.572	27.574	28.667	29.710	30.872
16.526	17.530	18.410	19.200	19.990	20.853	21.682	22.507	23.553	24.633	25.613	26.600	27.575	28.668	29.716	30.873
16.551	17.534	18.411	19.217	19.997	20.860	21.686	22.509	23.559	24.650	25.614	26.620	27.581	28.689	29.740	30.900
16.554	17.539	18.415	19.221	20.000	20.900	21.701	22.533	23.563	24.688	25.617	26.625	27.588	28.698	29.766	30.903
16.560	17.540	18.420	19.230	20.002	20.909	21.709	22.539	23.569	24.700	25.629	26.650	27.598	28.700	29.768	30.950
16.589	17.542	18.429	19.264	20.010	20.915	21.719	22.553	23.580	24.708	25.639	26.663	27.623	28.713	29.772	30.953
16.611	17.547	18.480	19.265	20.012	20.916	21.725	22.563	23.599	24.720	25.650	26.691	27.645	28.740	29.779	30.956
16.643	17.568	18.490	19.276	20.025	20.918	21.727	22.589	23.622	24.724	25.651	26.694	27.646	28.770	29.789	30.958
16.650	17.596	18.502	19.279	20.069	20.928	21.750	22.596	23.644	24.731	25.663	26.696	27.660	28.775	29.800	31.000
16.660	17.601	18.512	19.291	20.083	20.931	21.760	22.600	23.650	24.743	25.670	26.699	27.664	28.790	29.830	31.003
16.671	17.602	18.530	19.300	20.100	20.940	21.767	22.614	23.662	24.759	25.676	26.706	27.680	28.800	29.837	31.008
16.681	17.603	18.543	19.303	20.102	20.955	21.771	22.631	23.670	24.770	25.680	26.731	27.688	28.815	29.883	31.022
16.708	17.621	18.552	19.309	20.122	20.959	21.795	22.632	23.685	24.793	25.699	26.763	27.689	28.835	29.910	31.031
16.722	17.628	18.557	19.310	20.140	20.975	21.811	22.635	23.692	24.808	25.701	26.780	27.704	28.850	29.920	31.070
16.728	17.641	18.560	19.320	20.166	20.992	21.830	22.645	23.700	24.821	25.720	26.790	27.709	28.855	29.940	31.100
16.751	17.643	18.577	19.329	20.171	20.999	21.853	22.682	23.708	24.825	25.745	26.802	27.718	28.865	29.960	31.108
16.759	17.673	18.581	19.350	20.178	21.003	21.897	22.700	23.757	24.840	25.759	26.809	27.719	28.900	29.975	31.115
16.766	17.684	18.588	19.367	20.179	21.008	21.898	22.710	23.772	24.874	25.782	26.812	27.722	28.910	29.984	31.137
16.768	17.688	18.598	19.400	20.186	21.023	21.899	22.713	23.806	24.900	25.783	26.818	27.728	28.937	29.986	31.170
16.775	17.700	18.600	19.421	20.210	21.026	21.941	22.726	23.813	24.911	25.790	26.826	27.755	28.951	29.990	31.171
16.779	17.719	18.605	19.425	20.227	21.030	21.950	22.730	23.816	24.929	25.840	26.849	27.787	28.952	30.000	31.199
16.786	17.722	18.610	19.436	20.230	21.038	21.982	22.735	23.819	24.958	25.853	26.871	27.790	28.965	30.012	31.223
16.791	17.731	18.640	19.439	20.242	21.048	21.988	22.737	23.822	24.973	25.860	26.872	27.804	28.969	30.032	31.250
16.797	17.739	18.648	19.440	20.248	21.050	21.996	22.767	23.829	25.000	25.871	26.920	27.829	28.981	30.055	31.296
16.805	17.747	18.663	19.451	20.250	21.062	22.001	22.769	23.848	25.004	25.878	26.922	27.840	29.000	30.059	31.310
16.887	17.752	18.678	19.469	20.257	21.120	22.002	22.794	23.863	25.005	25.882	26.940	27.857	29.006	30.065	31.328
16.900	17.758	18.705	19.491	20.280	21.129	22.007	22.798	23.875	25.010	25.900	26.974	27.870	29.020	30.082	31.334
16.940	17.761	18.711	19.496	20.290	21.141	22.017	22.826	23.896	25.020	25.909	26.999	27.893	29.060	30.090	31.362
16.950	17.762	18.720	19.498	20.300	21.143	22.058	22.827	23.900	25.029	25.943	27.002	27.899	29.100	30.121	31.375
16.952	17.799	18.731	19.500	20.303	21.156	22.061	22.849	23.913	25.048	25.950	27.029	27.917	29.109	30.133	31.380
16.965	17.832	18.750	19.505	20.320	21.160	22.074	22.856	23.931	25.086	25.978	27.036	27.980	29.138	30.150	31.419
16.970	17.847	18.765	19.519	20.331	21.193	22.077	22.860	23.955	25.099	25.981	27.050	27.984	29.171	30.170	31.429
16.984	17.900	18.780	19.539	20.338	21.214	22.081	22.880	23.981	25.102	25.997	27.060	27.988	29.180	30.190	31.442
16.997	17.913	18.785	19.552	20.350	21.222	22.100	22.913	24.000	25.126	26.007	27.081	27.994	29.200	30.209	31.445
17.000	17.920	18.794	19.572	20.369	21.237	22.113	22.914	24.009	25.128	26.017	27.099	28.001	29.220	30.229	31.460
17.020	17.950	18.839	19.575	20.380	21.240	22.135	22.920	24.010	25.154	26.060	27.103	28.005	29.229	30.260	31.492

木下光学ニュートン板リスト 3

2022/01/01現在　5415枚

31.500	33.018	34.516	35.942	37.443	39.030	40.835	42.581	44.658	46.699	48.700	51.000	53.600	55.904	58.528	61.540
31.501	33.027	34.528	35.948	37.500	39.036	40.841	42.627	44.700	46.731	48.706	51.005	53.608	55.943	58.533	61.595
31.538	33.087	34.560	35.953	37.560	39.037	40.873	42.630	44.739	46.750	48.710	51.050	53.650	55.954	58.564	61.620
31.570	33.126	34.570	36.000	37.570	39.046	40.942	42.652	44.762	46.774	48.720	51.171	53.714	55.996	58.600	61.650
31.576	33.136	34.584	36.003	37.620	39.070	40.950	42.690	44.782	46.802	48.744	51.173	53.730	56.008	58.650	61.670
31.598	33.140	34.630	36.010	37.627	39.098	40.999	42.720	44.786	46.810	48.756	51.177	53.742	56.016	58.684	61.725
31.599	33.151	34.644	36.031	37.630	39.120	41.003	42.759	44.840	46.900	48.759	51.234	53.763	56.081	58.766	61.767
31.626	33.160	34.667	36.039	37.636	39.128	41.019	42.780	44.848	46.921	48.797	51.268	53.787	56.100	58.798	61.779
31.651	33.163	34.680	36.050	37.650	39.135	41.055	42.797	44.860	46.925	48.823	51.280	53.800	56.116	58.807	61.850
31.662	33.186	34.696	36.084	37.660	39.145	41.072	42.838	44.894	46.979	48.900	51.362	53.821	56.121	58.995	61.880
31.694	33.200	34.701	36.098	37.675	39.196	41.105	42.880	44.909	46.984	48.919	51.395	53.848	56.198	59.000	61.906
31.699	33.211	34.737	36.100	37.681	39.202	41.108	42.890	44.913	46.997	48.940	51.426	53.856	56.208	59.068	61.980
31.705	33.235	34.750	36.105	37.700	39.238	41.123	42.934	44.922	47.000	48.945	51.430	53.890	56.231	59.086	61.995
31.740	33.271	34.770	36.138	37.704	39.268	41.166	42.950	44.998	47.063	48.987	51.441	53.915	56.300	59.148	62.000
31.760	33.289	34.780	36.167	37.709	39.300	41.202	42.995	45.000	47.075	49.000	51.446	53.935	56.349	59.178	62.003
31.773	33.298	34.800	36.170	37.720	39.321	41.253	43.000	45.006	47.098	49.081	51.456	54.000	56.369	59.183	62.008
31.798	33.299	34.825	36.188	37.725	39.323	41.274	43.014	45.118	47.121	49.136	51.471	54.010	56.390	59.190	62.020
31.806	33.321	34.850	36.190	37.756	39.330	41.329	43.019	45.121	47.160	49.162	51.535	54.014	56.425	59.243	62.100
31.820	33.326	34.871	36.200	37.780	39.389	41.347	43.067	45.132	47.176	49.190	51.548	54.027	56.522	59.277	62.130
31.832	33.337	34.940	36.227	37.800	39.400	41.367	43.100	45.157	47.184	49.210	51.570	54.082	56.570	59.338	62.145
31.861	33.360	34.951	36.300	37.803	39.415	41.400	43.140	45.200	47.206	49.248	51.575	54.097	56.630	59.339	62.149
31.900	33.372	34.954	36.328	37.931	39.422	41.415	43.192	45.221	47.230	49.318	51.640	54.119	56.670	59.395	62.158
31.932	33.397	34.955	36.350	37.963	39.450	41.429	43.200	45.304	47.240	49.337	51.673	54.130	56.680	59.459	62.210
31.950	33.398	34.973	36.420	37.999	39.538	41.468	43.214	45.323	47.256	49.344	51.674	54.149	56.688	59.482	62.262
31.970	33.399	34.975	36.426	38.000	39.572	41.479	43.235	45.346	47.296	49.386	51.682	54.194	56.690	59.496	62.276
32.002	33.402	34.980	36.437	38.023	39.584	41.500	43.245	45.384	47.315	49.390	51.709	54.198	56.700	59.510	62.330
32.004	33.412	34.991	36.477	38.042	39.600	41.546	43.280	45.399	47.351	49.451	51.750	54.214	56.773	59.565	62.339
32.014	33.419	34.992	36.497	38.057	39.610	41.560	43.300	45.423	47.400	49.500	51.752	54.231	56.840	59.623	62.410
32.041	33.430	34.993	36.500	38.068	39.643	41.580	43.350	45.440	47.430	49.563	51.778	54.297	56.868	59.652	62.428
32.063	33.444	34.998	36.556	38.118	39.700	41.645	43.374	45.441	47.431	49.570	51.781	54.331	56.920	59.653	62.452
32.064	33.498	35.000	36.587	38.120	39.708	41.663	43.387	45.460	47.444	49.576	51.786	54.348	56.949	59.833	62.470
32.101	33.500	35.010	36.595	38.130	39.725	41.672	43.400	45.496	47.493	49.590	51.832	54.350	56.959	59.850	62.491
32.140	33.526	35.100	36.653	38.164	39.776	41.681	43.450	45.500	47.500	49.597	51.850	54.351	56.960	59.937	62.500
32.146	33.536	35.143	36.673	38.202	39.810	41.682	43.460	45.519	47.530	49.661	51.884	54.365	56.968	59.965	62.524
32.150	33.539	35.162	36.684	38.203	39.837	41.684	43.475	45.565	47.538	49.695	51.902	54.376	57.000	59.995	62.530
32.161	33.559	35.190	36.686	38.210	39.876	41.732	43.499	45.587	47.660	49.701	51.997	54.383	57.052	60.000	62.602
32.164	33.595	35.202	36.695	38.222	39.889	41.740	43.570	45.608	47.670	49.850	52.000	54.400	57.104	60.050	62.700
32.202	33.632	35.261	36.738	38.229	39.907	41.759	43.600	45.641	47.699	49.872	52.019	54.454	57.150	60.072	62.705
32.206	33.634	35.283	36.747	38.239	39.951	41.803	43.609	45.705	47.804	49.907	52.024	54.522	57.160	60.120	62.712
32.229	33.640	35.313	36.752	38.258	39.960	41.813	43.650	45.764	47.815	49.930	52.029	54.544	57.272	60.150	62.745
32.237	33.683	35.321	36.759	38.303	39.977	41.836	43.695	45.785	47.835	49.963	52.061	54.567	57.284	60.172	62.804
32.260	33.693	35.330	36.802	38.310	39.996	41.847	43.801	45.840	47.863	49.980	52.062	54.604	57.331	60.176	62.889
32.298	33.718	35.342	36.878	38.314	39.997	41.860	43.806	45.900	47.930	49.981	52.103	54.610	57.385	60.314	62.992
32.304	33.758	35.362	36.900	38.346	40.000	41.870	43.820	45.913	48.000	50.000	52.112	54.680	57.415	60.320	63.000
32.323	33.780	35.374	36.911	38.349	40.068	41.920	43.828	45.920	48.012	50.019	52.203	54.703	57.496	60.325	63.031
32.324	33.800	35.375	36.918	38.350	40.100	41.932	43.838	45.926	48.019	50.027	52.290	54.707	57.510	60.330	63.100
32.340	33.802	35.390	36.925	38.369	40.110	41.949	43.843	45.950	48.024	50.099	52.298	54.754	57.529	60.441	63.166
32.350	33.810	35.398	36.930	38.400	40.128	41.965	43.866	45.994	48.045	50.100	52.306	54.802	57.561	60.446	63.280
32.360	33.843	35.466	36.964	38.409	40.165	41.978	43.880	45.996	48.066	50.172	52.360	54.990	57.600	60.449	63.289
32.399	33.902	35.470	37.000	38.416	40.196	41.991	43.961	46.087	48.070	50.210	52.402	55.000	57.643	60.500	63.344
32.412	33.931	35.493	37.007	38.470	40.237	42.004	44.002	46.093	48.080	50.232	52.500	55.022	57.661	60.546	63.354
32.500	33.950	35.500	37.016	38.477	40.252	42.008	44.008	46.107	48.094	50.238	52.610	55.125	57.664	60.574	63.470
32.507	33.969	35.501	37.026	38.505	40.272	42.030	44.010	46.154	48.123	50.246	52.623	55.140	57.752	60.594	63.498
32.520	33.980	35.529	37.060	38.550	40.325	42.040	44.039	46.175	48.124	50.282	52.725	55.161	57.770	60.612	63.550
32.545	34.000	35.530	37.105	38.600	40.339	42.047	44.055	46.195	48.140	50.298	52.780	55.237	57.800	60.620	63.596
32.560	34.040	35.560	37.106	38.631	40.350	42.087	44.073	46.213	48.150	50.320	52.785	55.267	57.805	60.688	63.627
32.600	34.098	35.563	37.111	38.650	40.370	42.098	44.106	46.228	48.190	50.334	52.800	55.280	57.994	60.706	63.688
32.615	34.158	35.574	37.118	38.679	40.399	42.111	44.125	46.230	48.275	50.346	52.863	55.321	57.997	60.755	63.747
32.625	34.189	35.579	37.124	38.708	40.409	42.142	44.160	46.237	48.293	50.392	52.950	55.330	58.000	60.769	63.801
32.634	34.198	35.580	37.132	38.714	40.443	42.149	44.165	46.324	48.300	50.399	52.984	55.332	58.158	60.798	63.822
32.637	34.221	35.593	37.143	38.740	40.500	42.160	44.201	46.336	48.315	50.410	52.993	55.398	58.190	60.854	63.868
32.654	34.227	35.599	37.167	38.760	40.505	42.193	44.217	46.369	48.327	50.495	53.000	55.429	58.195	60.867	63.885
32.730	34.247	35.612	37.173	38.798	40.600	42.249	44.250	46.431	48.344	50.500	53.048	55.500	58.237	60.870	63.992
32.800	34.305	35.615	37.181	38.800	40.610	42.270	44.271	46.451	48.432	50.509	53.054	55.506	58.254	60.998	64.000
32.810	34.306	35.651	37.200	38.803	40.615	42.303	44.300	46.457	48.452	50.533	53.062	55.516	58.271	61.067	64.001
32.813	34.360	35.652	37.223	38.809	40.621	42.317	44.305	46.479	48.472	50.580	53.200	55.559	58.280	61.097	64.019
32.829	34.380	35.710	37.234	38.838	40.649	42.362	44.398	46.500	48.500	50.581	53.260	55.573	58.305	61.152	64.061
32.850	34.400	35.725	37.251	38.900	40.698	42.367	44.400	46.520	48.527	50.700	53.270	55.624	58.316	61.256	64.073
32.859	34.402	35.800	37.271	38.917	40.700	42.400	44.405	46.536	48.538	50.750	53.292	55.669	58.318	61.305	64.075
32.885	34.410	35.823	37.300	38.939	40.702	42.451	44.435	46.540	48.560	50.760	53.320	55.685	58.382	61.354	64.082
32.929	34.414	35.851	37.316	38.950	40.710	42.453	44.480	46.564	48.571	50.772	53.356	55.728	58.393	61.385	64.184
32.930	34.420	35.874	37.320	38.995	40.730	42.500	44.498	46.569	48.600	50.781	53.359	55.800	58.396	61.406	64.203
32.958	34.489	35.888	37.377	38.997	40.751	42.505	44.555	46.600	48.606	50.856	53.431	55.818	58.430	61.500	64.224
33.000	34.500	35.914	37.415	39.000	40.754	42.539	44.588	46.666	48.614	50.905	53.500	55.877	58.473	61.505	64.255
33.006	34.508	35.940	37.419	39.008	40.800	42.543	44.633	46.694	48.697	50.990	53.550	55.899	58.499	61.510	64.268

木下光学ニュートン板リスト 4

2022/01/01現在　5415枚

64.310	67.584	71.358	75.540	79.532	84.182	89.150	95.000	100.81	108.00	117.46	128.94	140.00	152.18	165.57	181.62
64.339	67.694	71.388	75.600	79.560	84.191	89.258	95.207	100.84	108.14	117.75	129.31	140.03	152.25	166.12	181.76
64.349	67.699	71.430	75.631	79.623	84.297	89.264	95.243	101.02	108.28	117.79	129.35	140.07	152.39	166.24	182.00
64.400	67.714	71.455	75.730	79.639	84.320	89.294	95.379	101.17	108.38	117.88	129.43	140.20	152.40	166.36	182.42
64.502	67.750	71.460	75.787	79.681	84.458	89.304	95.397	101.25	108.62	118.00	129.50	140.39	152.88	166.50	182.83
64.540	67.759	71.500	75.850	79.782	84.467	89.396	95.450	101.61	108.73	118.03	129.60	140.51	152.90	166.70	183.00
64.662	67.796	71.721	75.863	79.983	84.497	89.471	95.466	101.80	108.98	118.28	129.82	140.66	153.00	166.90	183.52
64.706	67.800	71.798	76.003	79.999	84.555	89.480	95.598	101.98	109.00	118.39	129.89	140.69	153.38	167.00	184.18
64.720	67.818	71.838	76.024	80.000	84.600	89.514	95.745	102.00	109.02	118.45	130.00	140.80	153.39	167.19	184.34
64.740	67.851	71.850	76.060	80.050	84.800	89.523	95.800	102.32	109.30	118.63	130.10	141.42	153.45	167.34	184.41
64.777	68.000	71.888	76.090	80.122	84.863	89.600	95.892	102.39	109.50	119.01	130.24	141.44	153.50	167.91	184.63
64.780	68.050	71.893	76.155	80.224	84.902	89.737	95.943	102.40	109.51	119.08	130.66	141.60	153.60	168.00	185.00
64.817	68.077	71.903	76.234	80.300	84.987	89.752	96.014	102.55	109.98	119.32	130.89	141.81	153.79	168.33	185.01
64.872	68.297	71.906	76.410	80.310	84.998	89.798	96.192	102.58	110.00	119.38	130.94	141.98	154.00	168.49	185.12
64.993	68.337	71.952	76.448	80.362	85.097	89.802	96.200	102.76	110.04	119.52	130.97	142.19	154.10	168.85	185.33
64.997	68.348	72.003	76.497	80.365	85.253	89.947	96.342	102.85	110.05	119.64	131.42	142.23	154.58	168.91	185.71
65.000	68.387	72.044	76.505	80.372	85.300	90.000	96.361	102.88	110.17	119.78	131.74	142.63	154.95	168.99	185.86
65.017	68.409	72.094	76.560	80.404	85.305	90.024	96.425	102.99	110.40	119.93	131.85	142.68	155.00	169.55	185.97
65.122	68.494	72.127	76.725	80.500	85.437	90.346	96.481	103.00	110.50	119.98	131.95	142.69	155.19	169.66	185.99
65.170	68.564	72.216	76.765	80.527	85.454	90.500	96.490	103.10	110.51	120.00	132.06	142.84	155.33	169.97	186.35
65.186	68.570	72.245	76.768	80.700	85.491	90.505	96.525	103.36	110.52	120.07	132.18	142.85	155.50	170.00	186.39
65.241	68.606	72.290	76.791	80.800	85.509	90.590	96.700	103.38	110.66	120.22	132.19	142.88	155.51	170.04	186.48
65.294	68.650	72.345	76.847	80.824	85.622	90.632	96.780	103.47	110.71	120.25	132.30	143.00	155.68	170.26	186.74
65.305	68.664	72.407	76.930	80.888	85.660	90.704	96.995	103.51	110.81	120.84	132.48	143.13	155.82	170.31	186.95
65.422	68.832	72.410	76.981	81.000	85.798	90.721	97.107	103.57	110.82	121.01	132.50	143.21	155.90	170.60	186.98
65.436	68.890	72.500	77.001	81.122	85.832	90.849	97.108	103.63	110.93	121.33	132.51	143.41	155.98	170.61	187.10
65.480	68.985	72.555	77.037	81.203	85.900	90.865	97.110	103.65	111.00	121.34	132.66	143.51	156.21	170.80	187.28
65.500	69.000	72.578	77.095	81.238	86.003	91.060	97.240	103.72	111.10	121.59	132.90	143.54	156.35	170.99	187.29
65.527	69.048	72.600	77.178	81.300	86.020	91.080	97.378	103.99	111.14	121.65	133.00	143.55	156.80	171.30	187.30
65.550	69.110	72.698	77.185	81.382	86.100	91.100	97.600	104.07	111.20	121.67	133.02	143.72	157.02	171.44	187.32
65.564	69.120	72.791	77.299	81.400	86.109	91.159	97.695	104.13	111.27	121.85	133.15	143.75	157.14	171.53	187.48
65.602	69.154	72.847	77.330	81.482	86.200	91.306	97.787	104.29	111.58	122.00	133.20	144.00	157.56	172.14	187.81
65.604	69.164	72.889	77.346	81.495	86.213	91.392	97.790	104.32	111.71	122.11	133.23	144.04	157.58	172.18	188.00
65.700	69.180	72.998	77.480	81.560	86.273	91.469	97.801	104.46	111.83	122.14	133.40	144.14	157.99	172.50	188.15
65.720	69.202	73.000	77.493	81.571	86.300	91.558	97.997	104.49	111.91	122.16	133.50	144.50	158.16	172.56	188.30
65.800	69.284	73.098	77.550	81.592	86.303	91.579	98.090	104.56	112.00	122.30	133.52	144.70	158.49	172.78	188.60
65.852	69.300	73.115	77.600	81.802	86.438	91.596	98.109	104.60	112.13	122.38	133.73	144.75	158.78	172.80	189.21
65.910	69.359	73.210	77.603	81.805	86.500	91.708	98.226	104.68	112.14	122.58	133.93	145.00	158.87	172.91	190.00
65.920	69.373	73.233	77.643	81.825	86.550	91.896	98.285	104.82	112.16	122.63	134.00	145.09	159.09	173.03	190.11
65.940	69.429	73.250	77.731	81.885	86.640	92.000	98.380	104.84	112.40	122.92	134.35	145.21	159.10	173.17	190.25
66.000	69.443	73.287	77.734	81.957	86.790	92.016	98.445	104.89	112.50	122.95	134.51	145.64	159.11	173.40	190.44
66.080	69.496	73.400	77.790	82.000	86.800	92.040	98.455	104.96	112.62	123.00	134.85	145.75	159.28	173.82	191.52
66.203	69.500	73.579	77.800	82.030	86.838	92.101	98.469	105.01	112.66	123.19	135.00	145.85	159.47	173.95	191.80
66.288	69.522	73.595	77.858	82.080	86.887	92.126	98.487	105.05	112.85	123.25	135.01	146.00	159.52	174.07	192.03
66.334	69.569	73.684	77.989	82.180	86.898	92.180	98.490	105.11	112.99	123.31	135.05	146.02	159.62	174.10	192.41
66.350	69.604	73.730	78.033	82.213	87.175	92.200	98.588	105.24	113.06	123.40	135.20	146.43	159.67	174.24	192.54
66.363	69.700	73.792	78.050	82.250	87.193	92.495	98.698	105.46	113.31	123.92	135.25	146.44	160.00	174.65	192.60
66.404	69.783	73.800	78.122	82.260	87.221	92.583	98.806	105.50	113.50	124.02	135.40	146.63	160.50	174.87	192.65
66.503	69.799	73.816	78.177	82.330	87.224	92.596	98.830	105.51	113.52	124.22	135.62	147.00	160.51	174.95	192.77
66.550	69.823	73.920	78.200	82.445	87.295	92.966	98.850	105.58	113.76	124.31	135.70	147.20	160.55	175.00	193.06
66.642	69.842	74.003	78.224	82.490	87.341	93.000	98.930	105.60	113.84	124.52	136.00	147.68	161.02	175.56	193.36
66.651	69.986	74.016	78.400	82.495	87.358	93.036	98.935	105.70	114.00	124.60	136.16	147.81	161.13	175.58	193.77
66.707	70.000	74.114	78.500	82.504	87.500	93.189	98.970	105.84	114.18	125.00	136.30	147.91	161.19	175.68	193.88
66.800	70.011	74.199	78.520	82.547	87.556	93.330	98.990	105.87	114.34	125.49	136.33	148.00	161.70	175.78	193.97
66.810	70.016	74.332	78.636	82.553	87.592	93.406	99.060	105.89	114.55	125.58	136.51	148.31	161.71	175.98	194.11
66.937	70.036	74.345	78.861	82.752	87.726	93.500	99.143	105.99	114.71	125.72	136.52	148.57	161.88	176.00	194.62
66.998	70.097	74.453	78.882	82.754	87.790	93.619	99.210	106.00	114.81	126.01	136.55	148.58	161.99	176.01	195.00
67.023	70.345	74.554	78.885	82.770	87.989	93.753	99.267	106.13	114.86	126.05	137.11	148.76	162.19	176.30	195.05
67.036	70.400	74.607	78.900	82.775	88.000	93.755	99.500	106.27	114.93	126.28	137.33	149.00	162.45	176.41	195.38
67.059	70.527	74.636	78.938	82.781	88.033	93.766	99.525	106.28	115.00	126.50	137.58	149.39	162.57	176.43	195.67
67.065	70.564	74.653	78.958	82.941	88.223	93.767	99.533	106.48	115.19	126.57	137.60	149.47	162.97	176.73	195.89
67.080	70.574	74.694	79.000	83.000	88.270	93.800	99.600	106.53	115.28	126.63	138.00	149.60	162.98	176.90	196.27
67.090	70.591	74.860	79.010	83.218	88.370	93.918	99.698	106.65	115.42	126.87	138.05	149.83	163.72	177.00	196.54
67.175	70.594	74.954	79.080	83.393	88.427	94.003	99.844	106.70	115.44	127.02	138.51	149.96	163.73	177.04	196.72
67.180	70.800	74.987	79.102	83.408	88.529	94.023	99.941	106.72	115.47	127.09	138.56	150.00	163.74	178.16	197.38
67.198	70.821	75.000	79.108	83.504	88.668	94.061	100.00	107.00	115.62	127.11	138.58	150.08	163.98	178.18	197.39
67.235	70.842	75.060	79.125	83.555	88.769	94.210	100.10	107.02	115.76	127.25	138.69	150.44	164.00	178.34	197.45
67.318	70.976	75.075	79.152	83.580	88.800	94.369	100.13	107.20	116.00	127.47	138.82	150.62	164.05	178.58	197.92
67.345	70.996	75.200	79.300	83.630	88.880	94.388	100.30	107.28	116.50	127.50	138.84	151.00	164.30	178.82	197.94
67.442	71.159	75.234	79.332	83.775	88.928	94.454	100.40	107.54	116.66	127.62	139.12	151.23	164.31	178.86	198.02
67.458	71.163	75.258	79.340	83.795	88.975	94.505	100.45	107.57	116.69	127.80	139.15	151.37	164.57	180.00	198.29
67.474	71.195	75.443	79.364	83.938	89.074	94.512	100.50	107.64	116.72	128.00	139.38	151.44	164.95	181.02	198.39
67.500	71.250	75.456	79.476	83.973	89.082	94.640	100.53	107.71	116.96	128.16	139.55	151.90	165.00	181.03	198.93
67.502	71.300	75.470	79.515	84.000	89.120	94.666	100.58	107.81	117.14	128.30	139.65	152.00	165.47	181.22	198.95
67.574	71.310	75.495	79.521	84.030	89.135	94.798	100.59	107.99	117.32	128.70	139.81	152.09	165.49	181.41	199.67

木下光学ニュートン板リスト 5

2022/01/01現在　5415枚

199.84	224.70	256.61	297.93	365.27	473.65	649.97	1073.4	3950.0
200.00	224.99	257.01	298.78	365.90	475.10	650.78	1075.3	4000.0
200.47	226.00	259.24	299.47	366.91	478.75	669.90	1087.7	4214.0
200.55	226.49	259.94	300.00	369.82	480.00	676.48	1090.0	5000.0
200.86	227.60	259.98	300.56	371.27	481.90	678.99	1099.4	5079.3
201.18	227.79	260.27	301.21	373.20	483.93	680.20	1115.4	5513.7
202.08	227.89	261.08	302.67	374.16	485.13	690.10	1127.2	5547.8
202.09	228.01	261.54	303.29	376.55	489.00	696.98	1131.2	6791.0
202.44	229.00	261.65	303.60	376.76	490.11	700.10	1132.5	6860.0
203.00	229.30	263.36	304.40	376.96	494.20	700.37	1140.3	7500.0
203.46	230.00	263.66	305.00	377.28	495.02	703.77	1160.0	8738.0
203.50	230.19	264.00	306.03	378.77	496.62	704.16	1178.1	10010
203.79	230.38	264.18	307.03	379.96	500.00	706.00	1178.4	13000
204.03	230.75	264.96	307.84	380.00	500.94	710.09	1190.0	18000
204.10	231.00	266.20	309.83	380.36	502.05	720.16	1200.0	30000
204.23	231.59	266.48	310.00	380.68	502.20	720.23	1215.0	
204.50	231.82	267.17	311.77	381.55	503.00	721.80	1228.0	
204.94	231.86	267.49	312.00	383.24	505.13	723.84	1231.2	
205.01	232.03	267.71	312.81	384.08	510.13	727.13	1237.4	
205.23	232.04	268.57	313.41	385.00	513.38	729.66	1263.6	
205.61	232.50	268.71	313.76	385.07	514.12	732.60	1283.7	
205.81	232.68	268.98	313.81	385.26	514.97	737.47	1294.4	
205.85	232.71	270.05	314.13	387.59	516.49	737.83	1299.9	
206.15	233.00	271.03	315.00	388.97	519.10	738.00	1307.3	
206.63	233.40	271.04	317.83	389.53	519.97	739.95	1333.0	
206.75	233.87	272.00	318.31	393.95	521.82	751.18	1344.0	
206.96	234.19	272.52	318.60	394.96	523.02	751.30	1356.8	
207.08	234.32	272.56	320.00	396.21	524.32	778.85	1370.0	
207.15	234.97	273.05	321.22	397.15	524.93	778.91	1375.0	
207.17	234.99	273.27	322.43	397.47	525.93	792.07	1383.3	
207.19	235.02	273.66	323.29	400.00	526.58	798.32	1388.9	
207.27	236.22	274.03	323.77	401.07	531.60	799.00	1399.5	
207.30	236.43	274.22	324.31	401.97	532.00	800.00	1416.5	
207.37	236.96	274.66	324.98	402.40	536.41	803.90	1450.0	
207.93	236.98	274.94	325.64	403.08	538.67	815.00	1474.7	
208.85	237.06	274.96	326.17	404.00	539.20	820.50	1500.0	
209.10	238.10	276.51	326.24	404.86	539.89	822.40	1504.5	
210.00	238.48	277.97	327.10	406.72	540.95	827.34	1514.0	
210.34	239.00	278.00	328.50	408.87	545.67	830.00	1523.7	
210.70	239.20	278.20	328.92	409.25	546.02	840.31	1560.0	
211.60	240.00	278.44	329.83	409.94	547.50	852.40	1597.9	
212.20	240.58	279.52	330.44	411.58	550.16	855.70	1633.5	
212.40	240.86	280.00	331.57	412.00	554.94	857.80	1639.0	
212.43	240.97	280.28	333.00	413.28	555.63	859.86	1650.0	
212.58	241.92	280.51	333.38	414.15	557.00	880.08	1656.0	
213.28	242.74	280.81	333.52	414.52	560.94	887.30	1700.1	
213.93	243.08	281.00	334.43	414.76	562.55	899.25	1710.0	
214.30	243.27	281.73	334.60	415.13	570.52	900.00	1732.0	
214.63	243.98	281.80	334.97	415.75	570.90	900.80	1749.6	
215.00	244.03	281.91	334.99	418.60	578.13	909.34	1800.0	
215.47	244.67	282.00	335.40	420.36	584.61	910.87	1850.0	
215.53	245.00	282.73	335.67	424.79	587.47	912.38	1863.7	
215.65	245.86	283.98	339.94	426.70	588.83	919.00	1892.6	
215.77	246.07	284.45	340.48	427.14	589.04	919.19	1900.0	
216.49	246.12	284.58	340.78	428.73	590.88	935.66	1920.0	
216.72	248.31	285.04	341.33	428.84	592.01	945.81	1999.8	
216.76	250.00	285.37	343.80	430.65	592.53	949.30	2027.0	
216.95	250.48	285.60	343.90	430.70	593.47	959.28	2079.2	
217.90	250.53	286.50	344.91	431.66	599.90	961.74	2108.7	
217.97	250.68	286.51	344.99	435.55	602.80	961.90	2150.4	
218.09	250.95	286.53	345.53	436.32	602.82	967.46	2199.2	
218.83	252.36	290.00	345.54	439.50	606.16	970.00	2450.0	
220.00	252.99	290.11	348.06	439.61	613.00	978.11	2463.8	
220.57	253.89	291.04	349.93	439.87	613.34	986.50	2468.2	
220.59	254.53	291.50	351.86	442.59	613.90	988.74	2500.0	
220.70	254.55	291.65	353.19	445.00	613.98	995.30	2599.0	
220.98	254.60	292.55	353.34	445.61	617.60	1000.0	2670.0	
221.26	254.74	293.72	353.97	449.95	619.75	1001.5	2819.2	
221.43	255.00	294.00	354.32	457.37	619.96	1011.9	2893.8	
221.56	255.39	294.92	354.92	458.87	622.60	1031.0	2898.0	
221.70	255.73	295.60	357.95	459.91	629.90	1038.7	2912.2	
222.05	255.79	296.56	359.98	462.19	634.60	1050.0	3395.0	
222.44	255.95	297.10	360.73	469.10	640.00	1054.3	3465.0	
223.33	256.04	297.17	361.57	470.44	642.29	1056.0	3612.7	
223.34	256.21	297.44	365.25	473.55	642.42	1060.0	3770.5	

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