

原器価格表

外径	基(親) 1対	工場(子) 1個
25以下	18,400	3,800
25を超え30以下	20,700	4,600
30を超え35以下	23,000	5,300
35を超え40以下	25,400	6,100
40を超え45以下	28,100	7,000
45を超え50以下	30,600	7,800
50を超え55以下	33,000	8,600
55を超え60以下	36,100	9,400
60を超え65以下	39,100	10,200
65を超え70以下	42,400	11,100
70を超え75以下	45,600	12,000
75を超え80以下	48,900	13,000
80を超え85以下	52,200	13,900
85を超え90以下	55,700	14,900
90を超え95以下	59,200	15,900
95を超え100以下	62,200	16,700

但し小Rの場合外径に係わらず下記の通りとさせていただきます。

R	基(親) 1対	工場(子) 1個
3未満	28,100	7,000
3以上5未満	25,400	6,100
5以上7未満	23,000	5,300
7以上10未満	20,700	4,600

特殊な形状や仕様については以下の通りとさせていただきます。

- ・ニュートン本数をずらした子原器製作の場合、25%増しとさせていただきます。
- ・外径÷曲率が1.8～1.9の場合、別途お見積とさせていただきます。
また1.9を超える場合、製作できませんので、ご注意ください。
- ・外径形状はストレートとさせていただきます。
段付等の特殊形状は別途見積とさせていただきます。

納期

親原器 受注後3～4週間

子原器 受注後1～2週間

数量や難易度により変わります。ご注文の際にご確認ください。

新規親原器の製作範囲

2.5mm ~

親原器の精度

凹面

PV値	0.125 Wave	曲率	R	200	±0.03%
RMS値	0.025 Wave		200 < R	500	±0.04%
			500 < R		±0.05%

凸面

凹面に対し、ニュートン±0.3本未満
アスクセ±0.25本未満

工場原器の精度

親原器に対し、ニュートン±0.5本未満
アスクセ±0.25本未満

お問い合わせ先

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木下光学研究所

木下光学ニュートン板リスト 1

2017/02/01現在 5157枚

2.054	3.732	4.620	5.649	6.438	7.268	7.953	8.818	9.633	10.359	11.113	11.889	12.830	13.630	14.437	15.490
2.265	3.737	4.632	5.659	6.460	7.270	7.971	8.860	9.665	10.365	11.121	11.900	12.870	13.633	14.440	15.500
2.399	3.742	4.636	5.665	6.477	7.274	8.000	8.896	9.666	10.370	11.135	11.918	12.871	13.646	14.449	15.501
2.400	3.757	4.660	5.670	6.479	7.280	8.010	8.897	9.669	10.373	11.146	11.937	12.880	13.647	14.461	15.506
2.420	3.763	4.666	5.677	6.481	7.281	8.030	8.944	9.699	10.374	11.150	11.950	12.884	13.651	14.473	15.510
2.476	3.800	4.670	5.683	6.483	7.287	8.045	8.951	9.716	10.380	11.185	11.959	12.889	13.666	14.500	15.515
2.500	3.822	4.673	5.685	6.486	7.299	8.049	8.986	9.734	10.382	11.195	11.963	12.898	13.689	14.505	15.527
2.537	3.837	4.685	5.691	6.498	7.300	8.069	8.989	9.743	10.388	11.200	12.000	12.900	13.699	14.507	15.529
2.549	3.838	4.688	5.693	6.500	7.330	8.082	9.000	9.748	10.400	11.203	12.009	12.902	13.700	14.511	15.539
2.661	3.892	4.702	5.700	6.528	7.350	8.096	9.002	9.765	10.414	11.221	12.013	12.904	13.721	14.515	15.550
2.711	3.900	4.725	5.727	6.529	7.360	8.103	9.013	9.780	10.416	11.228	12.015	12.913	13.722	14.532	15.597
2.723	3.975	4.726	5.730	6.540	7.373	8.105	9.026	9.788	10.426	11.240	12.040	12.920	13.734	14.544	15.601
2.855	3.981	4.729	5.743	6.563	7.386	8.110	9.038	9.797	10.427	11.249	12.050	12.922	13.750	14.545	15.610
2.874	3.984	4.780	5.780	6.569	7.400	8.155	9.045	9.798	10.445	11.268	12.051	12.971	13.770	14.551	15.612
2.900	4.000	4.785	5.782	6.570	7.407	8.157	9.047	9.799	10.452	11.280	12.054	12.980	13.789	14.560	15.618
2.904	4.003	4.791	5.820	6.572	7.415	8.159	9.051	9.800	10.455	11.287	12.060	12.990	13.793	14.580	15.641
2.980	4.005	4.794	5.826	6.600	7.422	8.174	9.055	9.819	10.487	11.296	12.079	13.000	13.800	14.587	15.644
3.000	4.007	4.800	5.834	6.603	7.432	8.176	9.082	9.820	10.488	11.317	12.101	13.003	13.840	14.590	15.645
3.001	4.025	4.813	5.839	6.609	7.436	8.200	9.101	9.830	10.501	11.328	12.104	13.052	13.845	14.597	15.651
3.009	4.047	4.815	5.861	6.643	7.461	8.202	9.130	9.840	10.504	11.330	12.116	13.069	13.866	14.600	15.652
3.011	4.059	4.832	5.866	6.645	7.472	8.203	9.138	9.863	10.518	11.336	12.120	13.075	13.882	14.607	15.661
3.043	4.073	4.835	5.869	6.646	7.475	8.209	9.142	9.866	10.550	11.370	12.130	13.077	13.886	14.616	15.669
3.054	4.077	4.872	5.873	6.647	7.478	8.218	9.150	9.873	10.575	11.379	12.148	13.078	13.897	14.634	15.681
3.064	4.095	4.920	5.879	6.666	7.479	8.219	9.155	9.879	10.577	11.391	12.150	13.083	13.899	14.650	15.717
3.065	4.100	4.933	5.900	6.671	7.482	8.240	9.157	9.881	10.599	11.399	12.166	13.103	13.902	14.657	15.738
3.072	4.117	4.960	5.910	6.680	7.499	8.259	9.160	9.888	10.600	11.416	12.182	13.124	13.903	14.658	15.758
3.081	4.120	4.967	5.916	6.707	7.503	8.280	9.162	9.892	10.613	11.419	12.190	13.127	13.906	14.696	15.770
3.093	4.137	4.983	5.917	6.710	7.504	8.305	9.167	9.904	10.614	11.422	12.201	13.138	13.914	14.699	15.779
3.095	4.146	5.000	5.920	6.713	7.506	8.316	9.174	9.908	10.630	11.429	12.220	13.173	13.918	14.720	15.784
3.119	4.168	5.046	5.922	6.740	7.511	8.319	9.180	9.916	10.640	11.446	12.227	13.176	13.930	14.739	15.799
3.160	4.188	5.060	5.956	6.750	7.542	8.331	9.185	9.917	10.645	11.454	12.253	13.180	13.950	14.750	15.860
3.175	4.197	5.083	5.960	6.752	7.546	8.334	9.189	9.928	10.646	11.460	12.265	13.191	13.991	14.789	15.862
3.180	4.203	5.100	5.976	6.769	7.559	8.335	9.196	9.935	10.670	11.463	12.268	13.194	14.002	14.790	15.880
3.192	4.204	5.104	6.000	6.770	7.564	8.353	9.200	9.939	10.679	11.470	12.282	13.200	14.007	14.794	15.895
3.195	4.216	5.120	6.005	6.773	7.573	8.359	9.225	9.943	10.680	11.475	12.292	13.203	14.012	14.797	15.900
3.200	4.218	5.129	6.033	6.776	7.579	8.370	9.230	9.947	10.701	11.479	12.301	13.217	14.013	14.801	15.940
3.221	4.220	5.196	6.040	6.778	7.580	8.380	9.241	9.980	10.707	11.483	12.327	13.245	14.020	14.806	16.000
3.223	4.242	5.200	6.042	6.796	7.588	8.382	9.250	9.984	10.709	11.496	12.330	13.257	14.046	14.847	16.002
3.227	4.243	5.206	6.085	6.799	7.594	8.392	9.253	9.998	10.724	11.499	12.334	13.260	14.050	14.860	16.020
3.248	4.266	5.210	6.100	6.800	7.610	8.400	9.258	10.000	10.746	11.501	12.340	13.269	14.072	14.900	16.022
3.259	4.280	5.212	6.114	6.810	7.612	8.418	9.266	10.017	10.757	11.506	12.362	13.273	14.095	14.921	16.048
3.270	4.285	5.221	6.120	6.835	7.622	8.438	9.269	10.030	10.760	11.510	12.364	13.300	14.098	14.959	16.049
3.329	4.287	5.230	6.122	6.843	7.626	8.470	9.289	10.036	10.775	11.520	12.370	13.305	14.100	14.975	16.053
3.333	4.300	5.282	6.146	6.850	7.629	8.472	9.299	10.046	10.780	11.535	12.380	13.307	14.116	14.980	16.069
3.340	4.301	5.290	6.155	6.861	7.630	8.489	9.308	10.060	10.800	11.540	12.400	13.330	14.140	14.989	16.076
3.343	4.304	5.300	6.160	6.900	7.660	8.500	9.318	10.080	10.806	11.560	12.420	13.335	14.149	15.000	16.098
3.360	4.315	5.322	6.167	6.914	7.673	8.505	9.320	10.090	10.810	11.565	12.423	13.341	14.158	15.011	16.109
3.370	4.323	5.336	6.172	6.922	7.677	8.507	9.330	10.093	10.814	11.579	12.440	13.342	14.161	15.012	16.130
3.384	4.349	5.340	6.188	6.942	7.692	8.520	9.342	10.099	10.840	11.582	12.450	13.348	14.171	15.091	16.140
3.400	4.350	5.341	6.200	6.962	7.701	8.569	9.354	10.102	10.850	11.586	12.459	13.351	14.172	15.093	16.151
3.403	4.386	5.346	6.225	6.963	7.710	8.575	9.358	10.110	10.859	11.600	12.478	13.355	14.179	15.102	16.154
3.416	4.399	5.349	6.226	6.980	7.740	8.579	9.386	10.120	10.861	11.614	12.495	13.369	14.181	15.129	16.161
3.430	4.413	5.350	6.230	6.997	7.742	8.594	9.400	10.137	10.897	11.644	12.498	13.380	14.192	15.141	16.176
3.447	4.430	5.366	6.250	6.998	7.743	8.598	9.410	10.145	10.899	11.653	12.500	13.385	14.197	15.145	16.180
3.481	4.431	5.378	6.253	7.022	7.754	8.599	9.416	10.151	10.905	11.664	12.524	13.394	14.200	15.154	16.188
3.487	4.435	5.381	6.280	7.032	7.770	8.609	9.441	10.158	10.920	11.675	12.533	13.398	14.219	15.165	16.189
3.500	4.450	5.386	6.292	7.040	7.781	8.630	9.450	10.159	10.923	11.693	12.540	13.401	14.228	15.175	16.199
3.507	4.466	5.405	6.293	7.043	7.786	8.633	9.494	10.168	10.938	11.697	12.557	13.412	14.230	15.189	16.215
3.527	4.477	5.406	6.300	7.050	7.791	8.651	9.497	10.179	10.950	11.700	12.569	13.420	14.240	15.198	16.230
3.530	4.482	5.407	6.303	7.060	7.800	8.652	9.500	10.190	10.965	11.702	12.598	13.434	14.247	15.201	16.249
3.537	4.500	5.417	6.309	7.068	7.810	8.669	9.505	10.198	10.969	11.726	12.620	13.440	14.260	15.205	16.255
3.543	4.503	5.431	6.322	7.080	7.813	8.671	9.514	10.204	10.970	11.729	12.630	13.447	14.262	15.220	16.270
3.584	4.504	5.450	6.325	7.094	7.819	8.675	9.516	10.206	10.975	11.733	12.640	13.450	14.279	15.238	16.297
3.615	4.505	5.461	6.327	7.116	7.830	8.694	9.528	10.209	10.990	11.740	12.652	13.465	14.280	15.242	16.299
3.620	4.511	5.473	6.330	7.144	7.834	8.700	9.530	10.215	11.000	11.749	12.675	13.471	14.300	15.247	16.312
3.630	4.517	5.487	6.333	7.150	7.847	8.711	9.536	10.218	11.009	11.753	12.680	13.497	14.307	15.259	16.330
3.632	4.531	5.500	6.340	7.177	7.850	8.714	9.540	10.220	11.013	11.767	12.686	13.500	14.310	15.290	16.350
3.650	4.540	5.503	6.342	7.179	7.854	8.734	9.550	10.252	11.015	11.787	12.700	13.501	14.319	15.309	16.355
3.668	4.541	5.511	6.363	7.181	7.892	8.738	9.552	10.258	11.039	11.800	12.729	13.503	14.320	15.314	16.381
3.680	4.542	5.554	6.372	7.200	7.893	8.740	9.583	10.260	11.050	11.816	12.780	13.553	14.364	15.327	16.399
3.685	4.550	5.570	6.373	7.217	7.900	8.762	9.600	10.294	11.053	11.840	12.800	13.554	14.390	15.391	16.410
3.688	4.554	5.600	6.378	7.236	7.933	8.767	9.602	10.300	11.						

木下光学ニュートン板リスト 2

2017/02/01現在 5157枚

16.500	17.530	18.415	19.276	20.069	20.940	21.795	22.730	23.863	25.102	26.100	27.198	28.305	29.562	30.687	32.150
16.505	17.534	18.420	19.279	20.083	20.955	21.811	22.735	23.875	25.128	26.114	27.211	28.370	29.592	30.693	32.161
16.510	17.539	18.429	19.291	20.100	20.959	21.830	22.737	23.896	25.154	26.156	27.236	28.378	29.593	30.699	32.164
16.526	17.540	18.480	19.300	20.102	20.975	21.853	22.767	23.900	25.192	26.164	27.244	28.400	29.607	30.720	32.202
16.551	17.542	18.490	19.303	20.122	20.992	21.897	22.769	23.931	25.200	26.189	27.248	28.432	29.621	30.770	32.206
16.554	17.547	18.502	19.309	20.140	20.999	21.898	22.794	23.955	25.208	26.200	27.262	28.474	29.630	30.800	32.229
16.560	17.596	18.512	19.310	20.166	21.003	21.899	22.798	23.981	25.232	26.203	27.285	28.501	29.634	30.816	32.237
16.589	17.601	18.530	19.320	20.178	21.008	21.941	22.826	24.000	25.262	26.223	27.289	28.513	29.650	30.844	32.260
16.611	17.602	18.543	19.329	20.179	21.023	21.950	22.827	24.009	25.280	26.231	27.306	28.536	29.665	30.863	32.298
16.643	17.603	18.552	19.350	20.186	21.026	21.982	22.849	24.010	25.287	26.238	27.319	28.564	29.673	30.864	32.304
16.650	17.621	18.557	19.367	20.210	21.030	21.988	22.856	24.017	25.301	26.247	27.348	28.570	29.686	30.873	32.323
16.660	17.628	18.560	19.400	20.227	21.038	21.996	22.860	24.019	25.312	26.259	27.350	28.590	29.690	30.900	32.324
16.671	17.641	18.577	19.421	20.230	21.048	22.001	22.880	24.080	25.336	26.281	27.354	28.592	29.695	30.903	32.340
16.681	17.643	18.581	19.425	20.242	21.050	22.002	22.913	24.088	25.380	26.300	27.357	28.611	29.699	30.950	32.350
16.708	17.673	18.588	19.436	20.248	21.062	22.007	22.914	24.100	25.399	26.318	27.375	28.619	29.705	30.953	32.360
16.722	17.684	18.600	19.439	20.250	21.120	22.017	22.920	24.102	25.400	26.351	27.390	28.628	29.710	30.956	32.399
16.728	17.688	18.605	19.440	20.257	21.129	22.058	22.962	24.122	25.425	26.360	27.398	28.640	29.716	30.958	32.412
16.751	17.700	18.640	19.451	20.280	21.141	22.061	23.000	24.135	25.440	26.364	27.427	28.653	29.740	31.000	32.500
16.759	17.719	18.648	19.469	20.290	21.143	22.074	23.052	24.172	25.453	26.370	27.466	28.660	29.766	31.003	32.507
16.766	17.722	18.663	19.491	20.300	21.156	22.077	23.056	24.178	25.464	26.395	27.470	28.664	29.768	31.008	32.520
16.768	17.731	18.678	19.496	20.303	21.160	22.081	23.080	24.198	25.468	26.431	27.482	28.667	29.772	31.022	32.545
16.775	17.739	18.705	19.498	20.320	21.193	22.100	23.108	24.209	25.471	26.448	27.498	28.668	29.779	31.031	32.560
16.786	17.747	18.711	19.500	20.331	21.214	22.113	23.123	24.231	25.473	26.460	27.549	28.689	29.789	31.070	32.600
16.791	17.752	18.720	19.505	20.338	21.237	22.135	23.130	24.240	25.491	26.471	27.563	28.698	29.800	31.100	32.615
16.797	17.758	18.731	19.519	20.350	21.240	22.163	23.140	24.250	25.498	26.497	27.570	28.700	29.837	31.108	32.625
16.805	17.761	18.750	19.539	20.369	21.249	22.171	23.158	24.258	25.499	26.501	27.574	28.713	29.883	31.115	32.637
16.887	17.762	18.765	19.552	20.380	21.263	22.175	23.190	24.288	25.504	26.531	27.575	28.740	29.910	31.137	32.654
16.900	17.799	18.780	19.572	20.394	21.270	22.190	23.198	24.291	25.513	26.534	27.581	28.770	29.920	31.170	32.730
16.940	17.832	18.785	19.575	20.400	21.291	22.204	23.223	24.302	25.518	26.540	27.588	28.775	29.940	31.171	32.800
16.950	17.847	18.794	19.578	20.430	21.300	22.205	23.230	24.335	25.537	26.543	27.598	28.790	29.960	31.199	32.810
16.952	17.900	18.839	19.590	20.444	21.310	22.225	23.232	24.345	25.548	26.546	27.623	28.800	29.975	31.223	32.813
16.965	17.913	18.842	19.598	20.462	21.314	22.226	23.243	24.371	25.578	26.552	27.645	28.835	29.984	31.250	32.829
16.970	17.920	18.847	19.604	20.468	21.318	22.229	23.251	24.397	25.580	26.557	27.646	28.850	29.986	31.296	32.850
16.984	17.950	18.850	19.628	20.480	21.330	22.230	23.269	24.420	25.591	26.561	27.660	28.855	29.990	31.310	32.859
16.997	17.957	18.851	19.630	20.482	21.354	22.250	23.292	24.431	25.592	26.569	27.680	28.865	30.000	31.328	32.885
17.000	17.974	18.854	19.660	20.500	21.355	22.259	23.300	24.488	25.596	26.572	27.688	28.900	30.012	31.334	32.929
17.020	17.986	18.859	19.670	20.501	21.360	22.270	23.303	24.491	25.602	26.600	27.689	28.910	30.032	31.362	32.930
17.040	17.990	18.867	19.675	20.504	21.362	22.280	23.311	24.493	25.609	26.620	27.704	28.937	30.055	31.375	32.958
17.066	17.998	18.900	19.677	20.507	21.386	22.294	23.320	24.500	25.613	26.625	27.709	28.952	30.059	31.380	33.000
17.082	18.000	18.910	19.690	20.509	21.400	22.295	23.327	24.503	25.614	26.650	27.718	28.965	30.065	31.419	33.006
17.099	18.013	18.923	19.700	20.528	21.403	22.298	23.331	24.504	25.617	26.663	27.719	28.969	30.082	31.429	33.018
17.130	18.068	18.929	19.708	20.534	21.413	22.330	23.340	24.511	25.629	26.691	27.722	28.981	30.090	31.442	33.027
17.140	18.070	18.930	19.723	20.537	21.416	22.341	23.360	24.520	25.639	26.694	27.728	29.000	30.121	31.445	33.087
17.150	18.096	18.938	19.733	20.544	21.419	22.349	23.409	24.550	25.650	26.696	27.755	29.006	30.133	31.460	33.126
17.155	18.104	18.950	19.762	20.569	21.470	22.359	23.414	24.579	25.651	26.699	27.787	29.060	30.150	31.500	33.136
17.189	18.150	18.970	19.765	20.572	21.496	22.370	23.459	24.600	25.663	26.706	27.829	29.100	30.170	31.501	33.140
17.215	18.160	18.990	19.791	20.580	21.499	22.390	23.491	24.619	25.670	26.731	27.857	29.109	30.190	31.538	33.151
17.221	18.162	19.000	19.794	20.600	21.500	22.400	23.496	24.620	25.676	26.763	27.870	29.138	30.209	31.570	33.160
17.229	18.166	19.011	19.798	20.628	21.502	22.402	23.500	24.650	25.680	26.780	27.893	29.171	30.229	31.576	33.163
17.231	18.171	19.015	19.807	20.630	21.528	22.408	23.536	24.688	25.699	26.790	27.899	29.180	30.260	31.598	33.186
17.236	18.181	19.016	19.809	20.643	21.537	22.420	23.540	24.700	25.701	26.802	27.917	29.200	30.298	31.599	33.200
17.245	18.190	19.017	19.821	20.700	21.540	22.429	23.550	24.708	25.720	26.809	27.980	29.220	30.318	31.651	33.211
17.250	18.199	19.027	19.832	20.705	21.548	22.444	23.553	24.720	25.745	26.812	27.984	29.229	30.322	31.662	33.235
17.286	18.210	19.043	19.849	20.721	21.553	22.480	23.559	24.743	25.759	26.818	27.988	29.249	30.340	31.694	33.271
17.299	18.230	19.061	19.860	20.737	21.568	22.481	23.563	24.759	25.782	26.826	27.994	29.255	30.349	31.699	33.289
17.305	18.233	19.064	19.864	20.741	21.600	22.485	23.569	24.770	25.783	26.849	28.001	29.267	30.385	31.705	33.298
17.332	18.244	19.069	19.866	20.746	21.610	22.490	23.580	24.793	25.790	26.920	28.005	29.270	30.393	31.760	33.299
17.358	18.249	19.072	19.869	20.750	21.614	22.495	23.599	24.808	25.840	26.974	28.014	29.300	30.402	31.773	33.321
17.360	18.268	19.075	19.902	20.764	21.620	22.500	23.622	24.821	25.853	26.999	28.042	29.311	30.410	31.798	33.326
17.387	18.269	19.090	19.909	20.785	21.637	22.507	23.644	24.825	25.860	27.029	28.067	29.316	30.415	31.806	33.337
17.400	18.286	19.100	19.917	20.790	21.640	22.539	23.650	24.840	25.871	27.036	28.074	29.320	30.429	31.820	33.360
17.402	18.288	19.106	19.922	20.800	21.668	22.563	23.662	24.874	25.878	27.050	28.075	29.330	30.457	31.832	33.372
17.439	18.291	19.107	19.928	20.810	21.669	22.589	23.670	24.900	25.882	27.060	28.100	29.340	30.480	31.861	33.397
17.463	18.299	19.109	19.930	20.814	21.679	22.596	23.685	24.911	25.900	27.081	28.120	29.405	30.500	31.900	33.398
17.466	18.302	19.120	19.933	20.820	21.682	22.600	23.692	24.929	25.909	27.103	28.152	29.452	30.508	31.932	33.399
17.470	18.304	19.134	19.943	20.850	21.686	22.614	23.700	24.958	25.943	27.119	28.165	29.471	30.516	31.950	33.402
17.479	18.335	19.150	19.967	20.853	21.701	22.631	23.708	24.973	25.950	27.146	28.178	29.477	30.550	31.970	33.412
17.485	18.350	19.170	19.987	20.860	21.709	22.632	23.757	25.000	25.978	27.148	28.226	29.478	30.558	32.002	33.419
17.494	18.357	19.17													

木下光学ニュートン板リスト 3

2017/02/01現在 5157枚

33.559	35.261	36.747	38.310	40.100	41.978	43.880	46.093	48.124	50.346	53.048	55.559	58.396	61.620	64.502	67.759
33.595	35.283	36.752	38.314	40.110	41.991	43.961	46.107	48.140	50.392	53.054	55.573	58.430	61.650	64.540	67.796
33.632	35.313	36.759	38.346	40.128	42.004	44.002	46.154	48.150	50.399	53.200	55.624	58.473	61.670	64.662	67.800
33.640	35.321	36.802	38.349	40.196	42.008	44.008	46.175	48.190	50.410	53.260	55.669	58.499	61.725	64.706	67.851
33.683	35.330	36.878	38.350	40.237	42.030	44.010	46.195	48.275	50.495	53.270	55.685	58.528	61.767	64.720	68.000
33.693	35.342	36.900	38.369	40.252	42.040	44.039	46.213	48.293	50.500	53.292	55.728	58.533	61.779	64.740	68.050
33.718	35.362	36.911	38.400	40.272	42.047	44.055	46.228	48.300	50.509	53.320	55.800	58.564	61.850	64.777	68.077
33.758	35.374	36.918	38.416	40.325	42.087	44.073	46.230	48.315	50.580	53.356	55.818	58.600	61.880	64.780	68.297
33.780	35.375	36.925	38.470	40.339	42.098	44.106	46.237	48.327	50.581	53.359	55.877	58.650	61.906	64.817	68.337
33.800	35.390	36.930	38.477	40.350	42.111	44.125	46.324	48.344	50.700	53.431	55.899	58.684	61.980	64.872	68.348
33.802	35.398	36.964	38.505	40.370	42.142	44.160	46.336	48.432	50.750	53.500	55.904	58.766	61.995	64.993	68.387
33.810	35.466	37.000	38.550	40.399	42.149	44.165	46.369	48.452	50.760	53.550	55.954	58.798	62.000	64.997	68.409
33.843	35.470	37.007	38.600	40.409	42.160	44.201	46.451	48.472	50.772	53.600	55.996	58.807	62.003	65.000	68.494
33.902	35.493	37.016	38.631	40.443	42.193	44.217	46.457	48.500	50.856	53.608	56.008	58.995	62.008	65.017	68.564
33.931	35.500	37.026	38.650	40.500	42.249	44.250	46.479	48.527	50.905	53.650	56.016	59.000	62.020	65.122	68.570
33.950	35.501	37.060	38.679	40.505	42.270	44.271	46.500	48.538	50.990	53.714	56.100	59.068	62.100	65.170	68.606
33.969	35.529	37.105	38.708	40.600	42.303	44.300	46.520	48.560	51.000	53.730	56.121	59.086	62.130	65.186	68.650
33.980	35.530	37.106	38.740	40.610	42.317	44.305	46.536	48.571	51.005	53.742	56.198	59.148	62.145	65.241	68.664
34.000	35.560	37.118	38.760	40.615	42.362	44.398	46.540	48.600	51.050	53.763	56.208	59.178	62.149	65.294	68.832
34.040	35.563	37.124	38.798	40.621	42.367	44.400	46.564	48.614	51.171	53.787	56.231	59.183	62.158	65.305	68.890
34.098	35.574	37.143	38.800	40.649	42.400	44.435	46.569	48.697	51.173	53.800	56.300	59.190	62.210	65.422	68.985
34.158	35.579	37.167	38.803	40.698	42.451	44.480	46.600	48.700	51.177	53.821	56.349	59.243	62.262	65.436	69.000
34.189	35.580	37.173	38.809	40.700	42.453	44.498	46.666	48.706	51.234	53.848	56.369	59.277	62.276	65.480	69.048
34.198	35.593	37.200	38.838	40.702	42.500	44.555	46.694	48.710	51.268	53.856	56.390	59.338	62.330	65.500	69.110
34.221	35.599	37.223	38.900	40.710	42.505	44.588	46.699	48.720	51.280	53.890	56.425	59.339	62.339	65.527	69.120
34.227	35.612	37.234	38.917	40.730	42.539	44.633	46.731	48.744	51.362	53.915	56.522	59.395	62.410	65.550	69.154
34.247	35.615	37.251	38.939	40.751	42.543	44.658	46.750	48.756	51.395	53.935	56.630	59.459	62.428	65.564	69.164
34.305	35.651	37.271	38.950	40.754	42.581	44.700	46.774	48.759	51.426	54.000	56.670	59.482	62.452	65.602	69.180
34.306	35.652	37.300	38.995	40.800	42.627	44.739	46.802	48.797	51.430	54.010	56.680	59.496	62.470	65.604	69.202
34.360	35.710	37.316	38.997	40.835	42.630	44.782	46.810	48.823	51.441	54.014	56.690	59.510	62.491	65.700	69.284
34.380	35.725	37.320	39.000	40.841	42.652	44.786	46.900	48.900	51.446	54.027	56.700	59.565	62.500	65.720	69.300
34.400	35.800	37.377	39.030	40.873	42.690	44.840	46.921	48.919	51.456	54.082	56.773	59.623	62.524	65.800	69.359
34.402	35.823	37.415	39.036	40.942	42.720	44.848	46.925	48.940	51.471	54.097	56.840	59.652	62.530	65.852	69.373
34.410	35.851	37.419	39.037	40.950	42.759	44.860	46.979	48.987	51.535	54.119	56.868	59.653	62.602	65.910	69.429
34.414	35.874	37.443	39.046	40.999	42.780	44.894	46.984	49.000	51.548	54.130	56.920	59.833	62.700	65.920	69.443
34.420	35.888	37.500	39.070	41.003	42.797	44.909	46.997	49.081	51.575	54.149	56.949	59.850	62.705	65.940	69.496
34.489	35.914	37.560	39.098	41.019	42.838	44.913	47.000	49.136	51.640	54.194	56.959	59.937	62.712	66.000	69.500
34.500	35.940	37.570	39.120	41.055	42.880	44.922	47.063	49.162	51.673	54.198	56.960	59.965	62.745	66.080	69.522
34.508	35.942	37.620	39.128	41.072	42.890	44.998	47.075	49.190	51.674	54.297	56.968	59.995	62.804	66.203	69.569
34.516	35.948	37.627	39.135	41.105	42.934	45.000	47.098	49.210	51.682	54.331	57.000	60.000	62.889	66.288	69.604
34.528	35.953	37.630	39.145	41.108	42.950	45.006	47.121	49.248	51.709	54.348	57.052	60.050	62.992	66.334	69.700
34.560	36.000	37.636	39.196	41.123	42.995	45.118	47.160	49.318	51.750	54.350	57.104	60.072	63.000	66.350	69.783
34.570	36.003	37.650	39.238	41.166	43.000	45.121	47.176	49.337	51.752	54.351	57.150	60.120	63.031	66.363	69.823
34.584	36.010	37.660	39.268	41.202	43.014	45.132	47.184	49.344	51.778	54.365	57.160	60.150	63.100	66.404	69.842
34.630	36.031	37.675	39.300	41.253	43.019	45.157	47.206	49.386	51.781	54.376	57.272	60.172	63.166	66.503	69.986
34.644	36.039	37.681	39.321	41.274	43.067	45.200	47.230	49.390	51.786	54.383	57.284	60.176	63.280	66.550	70.000
34.667	36.050	37.700	39.323	41.329	43.100	45.221	47.256	49.451	51.832	54.400	57.331	60.314	63.289	66.642	70.011
34.680	36.084	37.704	39.330	41.347	43.140	45.304	47.296	49.500	51.850	54.454	57.385	60.320	63.344	66.651	70.016
34.696	36.098	37.709	39.389	41.367	43.192	45.323	47.315	49.563	51.884	54.522	57.415	60.441	63.354	66.707	70.036
34.701	36.100	37.720	39.400	41.400	43.200	45.346	47.351	49.570	51.902	54.544	57.496	60.446	63.470	66.800	70.097
34.737	36.105	37.725	39.415	41.415	43.214	45.384	47.400	49.576	51.997	54.567	57.510	60.500	63.498	66.810	70.345
34.750	36.138	37.756	39.422	41.429	43.235	45.399	47.430	49.590	52.000	54.604	57.529	60.546	63.550	66.937	70.400
34.770	36.167	37.780	39.450	41.468	43.245	45.423	47.431	49.661	52.019	54.610	57.561	60.574	63.596	66.998	70.564
34.780	36.170	37.800	39.538	41.479	43.280	45.440	47.444	49.695	52.024	54.680	57.600	60.594	63.627	67.023	70.574
34.800	36.188	37.803	39.572	41.546	43.300	45.441	47.493	49.701	52.029	54.703	57.643	60.612	63.688	67.059	70.591
34.825	36.190	37.931	39.584	41.560	43.350	45.460	47.500	49.850	52.061	54.707	57.661	60.620	63.801	67.065	70.594
34.850	36.227	37.963	39.600	41.580	43.374	45.496	47.530	49.872	52.062	54.754	57.664	60.688	63.822	67.080	70.800
34.871	36.300	37.999	39.610	41.663	43.387	45.500	47.538	49.907	52.103	54.802	57.752	60.706	63.868	67.090	70.821
34.940	36.328	38.000	39.643	41.672	43.400	45.519	47.660	49.930	52.112	54.990	57.770	60.755	63.885	67.175	70.842
34.951	36.350	38.023	39.700	41.681	43.450	45.565	47.670	49.963	52.203	55.000	57.800	60.769	63.992	67.180	70.976
34.954	36.420	38.042	39.708	41.682	43.460	45.587	47.699	49.981	52.290	55.022	57.994	60.854	64.000	67.198	70.996
34.973	36.426	38.057	39.725	41.684	43.475	45.608	47.804	50.000	52.298	55.125	57.997	60.867	64.019	67.235	71.159
34.975	36.437	38.068	39.776	41.732	43.499	45.641	47.815	50.019	52.306	55.140	58.000	60.870	64.061	67.318	71.163
34.980	36.477	38.118	39.810	41.740	43.570	45.705	47.835	50.027	52.360	55.161	58.158	60.998	64.073	67.345	71.195
34.991	36.497	38.120	39.837	41.759	43.600	45.764	47.863	50.099	52.402	55.237	58.190	61.067	64.075	67.442	71.250
34.992	36.500	38.130	39.876	41.803	43.609	45.785	47.930	50.100	52.500	55.267	58.195	61.097	64.082	67.458	71.300
34.993	36.556	38.164	39.889	41.813	43.650	45.840	48.000	50.172	52.610	55.280	58.237	61.152	64.184	67.474	71.310
34.998	36.587	38.202	39.907	41.836	43.695	45.900	48.012	50.210	52.623	55.321	58.254				

木下光学ニュートン板リスト 4

2017/02/01現在 5157枚

71.850	76.155	80.500	85.660	91.159	97.787	104.49	112.40	123.40	135.20	148.31	163.72	177.04	197.92	222.05	256.04
71.888	76.234	80.700	85.798	91.306	97.790	104.56	112.50	123.92	135.40	148.58	163.73	178.16	198.02	222.44	256.21
71.893	76.410	80.800	85.832	91.392	97.997	104.60	112.62	124.02	135.62	148.76	163.74	178.18	198.29	223.33	256.61
71.906	76.448	80.824	85.900	91.469	98.090	104.68	112.66	124.22	135.70	149.00	163.98	178.34	198.39	223.34	259.24
71.952	76.497	80.888	86.003	91.558	98.109	104.82	112.85	124.31	136.00	149.39	164.00	178.58	198.93	224.70	259.94
72.003	76.505	81.000	86.020	91.579	98.226	104.84	112.99	124.52	136.16	149.47	164.05	178.82	198.95	224.99	259.98
72.044	76.560	81.122	86.100	91.596	98.285	104.89	113.06	124.60	136.30	149.60	164.30	178.86	199.67	226.00	260.27
72.094	76.725	81.203	86.109	91.896	98.380	104.96	113.31	125.00	136.51	149.83	164.31	180.00	199.84	226.49	261.08
72.127	76.765	81.238	86.200	92.000	98.445	105.01	113.50	125.49	136.52	149.96	164.57	181.02	200.00	227.60	261.54
72.216	76.791	81.300	86.213	92.016	98.455	105.05	113.52	125.58	136.55	150.08	164.95	181.03	200.47	227.79	261.65
72.245	76.847	81.382	86.273	92.040	98.469	105.11	113.84	125.72	137.11	150.44	165.00	181.22	200.55	227.89	263.36
72.290	76.930	81.400	86.300	92.101	98.487	105.24	114.00	126.01	137.33	150.62	165.47	181.41	200.86	228.01	263.66
72.345	76.981	81.482	86.303	92.126	98.490	105.46	114.34	126.05	137.58	151.00	165.49	181.62	201.18	229.00	264.00
72.407	77.001	81.495	86.438	92.180	98.588	105.50	114.55	126.28	138.00	151.23	165.57	181.76	202.08	229.30	264.18
72.410	77.037	81.560	86.500	92.200	98.698	105.51	114.71	126.50	138.56	151.37	166.12	182.00	202.09	230.00	264.96
72.500	77.095	81.571	86.550	92.495	98.806	105.58	114.81	126.57	138.69	151.90	166.24	182.42	202.44	230.19	266.20
72.555	77.178	81.592	86.640	92.583	98.830	105.60	114.86	126.63	138.82	152.00	166.36	182.83	203.00	230.38	266.48
72.578	77.185	81.802	86.790	92.596	98.850	105.70	114.93	126.87	138.84	152.09	166.50	183.00	203.46	230.75	267.17
72.600	77.299	81.805	86.800	92.966	98.930	105.84	115.00	127.02	139.12	152.25	166.70	183.52	203.50	231.00	267.49
72.698	77.330	81.825	86.838	93.000	98.935	105.87	115.19	127.09	139.15	152.39	166.90	184.18	203.79	231.59	267.71
72.791	77.346	81.885	86.887	93.036	98.970	105.89	115.28	127.11	139.38	152.40	167.00	184.34	204.03	231.82	268.57
72.847	77.480	81.957	86.898	93.189	98.990	106.13	115.42	127.25	139.55	152.88	167.19	184.41	204.10	231.86	268.71
72.889	77.550	82.000	87.175	93.330	99.060	106.27	115.44	127.47	139.65	153.00	167.34	184.63	204.23	232.03	268.98
73.000	77.600	82.030	87.224	93.406	99.143	106.28	115.47	127.50	139.81	153.38	167.91	185.00	204.50	232.04	270.05
73.098	77.603	82.080	87.295	93.500	99.210	106.48	115.62	127.62	140.00	153.39	168.00	185.01	204.94	232.50	271.03
73.115	77.643	82.180	87.341	93.619	99.267	106.53	115.76	127.80	140.03	153.45	168.33	185.12	205.01	232.68	271.04
73.210	77.731	82.213	87.358	93.753	99.500	106.65	116.00	128.00	140.07	153.50	168.49	185.33	205.23	232.71	272.00
73.233	77.734	82.250	87.500	93.755	99.525	106.70	116.50	128.16	140.20	153.60	168.85	185.71	205.61	233.00	272.52
73.250	77.790	82.260	87.556	93.766	99.533	106.72	116.66	128.30	140.39	153.79	168.99	185.86	205.81	233.40	272.56
73.287	77.800	82.330	87.592	93.767	99.600	107.00	116.69	128.70	140.51	154.00	169.55	185.97	206.15	233.87	273.05
73.400	77.858	82.445	87.726	93.800	99.698	107.02	116.72	128.94	140.66	154.10	169.66	185.99	206.63	234.19	273.27
73.579	77.989	82.490	87.790	93.918	99.844	107.20	117.14	129.31	140.69	154.58	169.97	186.35	206.75	234.32	273.66
73.595	78.033	82.495	87.989	94.003	99.941	107.28	117.32	129.35	140.80	154.95	170.00	186.39	206.96	234.97	274.03
73.684	78.050	82.504	88.000	94.023	100.00	107.54	117.46	129.43	141.42	155.00	170.04	186.48	207.08	234.99	274.66
73.730	78.122	82.547	88.033	94.061	100.10	107.57	117.75	129.50	141.44	155.19	170.26	186.74	207.15	235.02	274.94
73.792	78.177	82.553	88.223	94.210	100.30	107.64	117.79	129.60	141.60	155.33	170.31	186.98	207.17	236.22	274.96
73.800	78.200	82.752	88.270	94.369	100.40	107.71	117.88	129.82	141.81	155.50	170.60	187.10	207.19	236.96	276.51
73.816	78.224	82.754	88.370	94.388	100.45	107.81	118.00	129.89	142.19	155.68	170.61	187.29	207.27	236.98	277.97
73.920	78.400	82.770	88.427	94.454	100.50	107.99	118.03	130.00	142.23	155.82	170.80	187.30	207.30	237.06	278.00
74.003	78.500	82.775	88.529	94.505	100.53	108.00	118.28	130.10	142.63	155.90	170.99	187.32	207.37	238.10	278.20
74.016	78.520	82.781	88.668	94.512	100.58	108.14	118.39	130.24	142.68	155.98	171.30	187.48	207.93	238.48	278.44
74.114	78.636	82.941	88.769	94.640	100.59	108.28	118.45	130.66	142.69	156.21	171.44	187.81	208.85	239.00	279.52
74.199	78.861	83.000	88.800	94.666	100.81	108.38	119.01	130.89	142.84	156.35	171.53	188.00	209.10	239.20	280.00
74.332	78.882	83.218	88.880	94.798	100.84	108.62	119.08	130.94	142.88	156.80	172.14	188.15	210.00	240.00	280.28
74.345	78.885	83.393	88.975	95.000	101.02	108.73	119.32	130.97	143.00	157.02	172.18	188.30	210.34	240.58	280.51
74.453	78.900	83.408	89.074	95.207	101.17	108.98	119.38	131.42	143.13	157.14	172.50	188.60	210.70	240.86	280.81
74.554	78.958	83.504	89.120	95.243	101.25	109.00	119.52	131.74	143.21	157.58	172.56	189.21	211.60	240.97	281.00
74.607	79.000	83.555	89.135	95.379	101.61	109.02	119.64	131.85	143.41	157.99	172.78	190.00	212.20	241.92	281.73
74.636	79.010	83.580	89.150	95.397	101.98	109.30	119.78	131.95	143.51	158.16	172.80	190.25	212.40	242.74	281.80
74.653	79.080	83.630	89.258	95.450	102.00	109.50	119.93	132.06	143.54	158.49	172.91	190.44	212.58	243.08	281.91
74.694	79.102	83.775	89.264	95.466	102.32	109.51	119.98	132.18	143.55	158.78	173.03	191.52	213.28	243.27	283.98
74.860	79.108	83.795	89.294	95.598	102.39	110.00	120.00	132.19	143.72	158.87	173.17	191.80	213.93	243.98	284.45
74.954	79.125	83.938	89.396	95.745	102.40	110.04	120.07	132.30	143.75	159.09	173.40	192.03	214.30	244.67	284.58
74.987	79.152	83.973	89.471	95.800	102.55	110.17	120.22	132.48	144.00	159.10	173.82	192.41	214.63	245.00	285.04
75.000	79.300	84.000	89.480	95.892	102.58	110.40	120.25	132.50	144.04	159.28	173.95	192.54	215.00	245.86	285.37
75.060	79.332	84.030	89.514	95.943	102.76	110.50	120.84	132.51	144.14	159.47	174.07	192.60	215.47	246.07	285.60
75.075	79.340	84.182	89.523	96.014	102.85	110.51	121.01	132.66	144.50	159.52	174.10	192.65	215.65	246.12	286.50
75.200	79.364	84.320	89.600	96.192	102.88	110.52	121.33	132.90	144.70	159.62	174.24	192.77	215.77	248.31	286.51
75.234	79.476	84.458	89.737	96.200	102.99	110.66	121.34	133.00	144.75	159.67	174.65	193.06	216.49	250.00	286.53
75.258	79.515	84.467	89.752	96.342	103.00	110.71	121.59	133.02	145.00	160.00	174.87	193.77	216.72	250.48	290.00
75.443	79.521	84.497	89.798	96.361	103.10	110.81	121.65	133.15	145.09	160.50	174.95	193.88	216.76	250.53	290.11
75.456	79.532	84.555	89.947	96.425	103.36	110.82	121.67	133.20	145.21	160.51	175.00	193.97	216.95	250.68	291.04
75.470	79.560	84.600	90.000	96.481	103.38	110.93	121.85	133.23	145.64	160.55	175.56	194.11	217.90	250.95	291.50
75.495	79.639	84.800	90.346	96.490	103.47	111.00	122.00	133.40	145.75	161.02	175.58	194.62	217.97	252.36	291.65
75.540	79.681	84.863	90.500	96.525	103.51	111.10	122.11	133.50	145.85	161.13	175.68	195.00	218.09	252.99	292.55
75.600	79.782	84.902	90.505	96.700	103.57	111.14	122.14	133.52	146.00	161.19	175.78	195.05	218.83	253.89	293.72
75.631	79.983	84.987	90.590	96.780	103.63	111.20	122.16	133.73	146.43	161.70	175.98	195.38	220.00	254.53	294.00
75.730	80.000	84.998	90.632	96.995	103.65	111.27	122.38	133.93	146.44	161.71	176.00				

300.00	376.76	502.05	738.00	1356.8
300.56	377.28	502.20	739.95	1370.0
301.21	378.77	503.00	751.18	1375.0
302.67	379.96	505.13	751.30	1383.3
303.29	380.00	510.13	778.85	1388.9
303.60	380.68	513.38	792.07	1399.5
304.40	381.55	514.12	798.32	1416.5
305.00	383.24	514.97	799.00	1450.0
306.03	384.08	516.49	800.00	1474.7
307.03	385.26	519.10	803.90	1500.0
307.84	387.59	519.97	815.00	1504.5
309.83	388.97	521.82	820.50	1514.0
310.00	389.53	523.02	822.40	1523.7
311.77	393.95	524.32	827.34	1560.0
312.00	394.96	524.93	830.00	1597.9
312.81	396.21	525.93	840.31	1633.5
313.41	397.15	526.58	852.40	1639.0
313.76	397.47	531.60	855.70	1650.0
313.81	400.00	532.00	857.80	1656.0
314.13	401.07	536.41	859.86	1700.1
315.00	401.97	538.67	880.08	1710.0
317.83	402.40	539.20	887.30	1732.0
320.00	403.08	540.95	899.25	1749.6
321.22	404.00	545.67	900.00	1800.0
322.43	404.86	546.02	900.80	1850.0
323.77	406.72	547.50	909.34	1863.7
324.31	408.87	554.94	912.38	1892.6
324.98	409.25	555.63	919.00	1900.0
325.64	409.94	557.00	935.66	1920.0
326.17	411.58	560.94	945.81	1999.8
326.24	412.00	562.55	949.30	2027.0
327.10	413.28	570.90	959.28	2079.2
328.50	414.15	578.13	961.74	2199.2
328.92	414.52	588.83	961.90	2450.0
329.83	414.76	589.04	967.46	2463.8
330.44	415.13	590.88	970.00	2468.2
331.57	418.60	592.53	978.11	2500.0
333.00	420.36	593.47	986.50	2599.0
333.38	424.79	599.90	988.74	2670.0
333.52	426.70	602.80	995.30	2819.2
334.43	427.14	602.82	1000.0	2893.8
334.60	428.73	606.16	1001.5	2912.2
334.97	428.84	613.00	1011.9	3395.0
334.99	430.65	613.34	1031.0	3465.0
335.40	430.70	613.90	1038.7	3612.7
335.67	431.66	613.98	1050.0	3950.0
339.94	435.55	617.60	1054.3	4000.0
340.48	436.32	619.75	1056.0	4214.0
340.78	439.50	619.96	1060.0	5000.0
341.33	439.61	622.60	1073.4	5079.3
343.80	439.87	629.90	1075.3	5513.7
343.90	442.59	634.60	1087.7	5547.8
344.91	445.00	640.00	1090.0	6791.0
344.99	445.61	642.29	1099.4	6860.0
345.53	449.95	642.42	1115.4	7500.0
345.54	457.37	649.97	1127.2	13000
348.06	458.87	650.78	1131.2	30000
349.93	459.91	669.90	1132.5	
351.86	462.19	676.48	1140.3	
353.34	469.10	678.99	1160.0	
353.97	470.44	680.20	1178.1	
354.32	473.55	690.10	1178.4	
354.92	473.65	696.98	1190.0	
357.95	475.10	700.10	1200.0	
359.98	478.75	700.37	1215.0	
360.73	480.00	703.77	1228.0	
361.57	481.90	704.16	1231.2	
365.25	483.93	706.00	1237.4	
365.27	485.13	710.09	1263.6	
366.91	489.00	721.80	1283.7	
369.82	494.20	723.84	1294.4	
371.27	495.02	727.13	1299.9	
373.20	496.62	729.66	1307.3	
374.16	500.00	732.60	1333.0	
376.55	500.94	737.47	1344.0	

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