ニュートン原器案内

木下光学研究所
2015.04.10　現在

●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～950mm

●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≦900：±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
（株）木下光学研究所
〒197-0815
東京都あきる野市二宮東3-8-8
TEL（042）558-6883
FAX（042）559-2135
URL http://www.kinoshita-optical.com/

木下光学ニュートン板リスト１

2015/04/10現在　4626枚

2.399	3.822	4.800	5.910	6.778	7.630	8.575	9.514	10.330	11.370	12.268	13.305	14.200	15.309	16.500	17.602
2.400	3.837	4.813	5.916	6.796	7.660	8.579	9.516	10.365	11.379	12.282	13.330	14.219	15.314	16.505	17.621
2.420	3.838	4.815	5.917	6.799	7.673	8.594	9.528	10.370	11.391	12.292	13.335	14.228	15.327	16.510	17.628
2.476	3.892	4.832	5.922	6.800	7.692	8.598	9.530	10.373	11.399	12.301	13.341	14.230	15.391	16.526	17.641
2.500	3.900	4.872	5.956	6.810	7.701	8.599	9.536	10.374	11.419	12.327	13.342	14.240	15.400	16.551	17.643
2.537	3.975	4.920	5.960	6.835	7.710	8.609	9.540	10.380	11.422	12.330	13.348	14.247	15.415	16.554	17.673
2.549	3.981	4.933	5.976	6.843	7.740	8.630	9.550	10.388	11.429	12.334	13.351	14.260	15.449	16.560	17.684
2.661	3.984	4.960	6.000	6.850	7.742	8.651	9.583	10.400	11.446	12.340	13.355	14.279	15.460	16.589	17.688
2.711	4.000	4.967	6.005	6.861	7.743	8.669	9.600	10.414	11.454	12.362	13.369	14.300	15.500	16.611	17.700
2.723	4.003	4.983	6.040	6.900	7.754	8.671	9.608	10.416	11.460	12.364	13.380	14.307	15.501	16.643	17.719
2.855	4.005	5.000	6.085	6.914	7.770	8.675	9.613	10.427	11.463	12.370	13.385	14.310	15.506	16.650	17.722
2.874	4.007	5.046	6.100	6.922	7.781	8.694	9.616	10.452	11.470	12.380	13.394	14.319	15.510	16.660	17.731
2.900	4.047	5.060	6.114	6.942	7.786	8.700	9.633	10.455	11.475	12.400	13.398	14.320	15.515	16.671	17.739
2.904	4.059	5.083	6.120	6.962	7.791	8.711	9.665	10.487	11.479	12.420	13.401	14.364	15.527	16.681	17.747
2.980	4.073	5.100	6.146	6.980	7.800	8.734	9.666	10.488	11.483	12.423	13.412	14.390	15.529	16.708	17.752
3.000	4.077	5.120	6.155	6.997	7.810	8.740	9.669	10.501	11.499	12.440	13.420	14.400	15.539	16.722	17.758
3.001	4.095	5.129	6.160	6.998	7.813	8.762	9.699	10.504	11.501	12.450	13.434	14.434	15.550	16.728	17.761
3.009	4.100	5.196	6.167	7.022	7.819	8.767	9.716	10.518	11.506	12.459	13.440	14.435	15.597	16.751	17.762
3.011	4.117	5.200	6.172	7.032	7.830	8.771	9.734	10.550	11.510	12.500	13.447	14.436	15.601	16.759	17.799
3.043	4.137	5.206	6.200	7.040	7.834	8.783	9.743	10.599	11.520	12.533	13.450	14.440	15.610	16.766	17.832
3.054	4.146	5.210	6.226	7.043	7.847	8.800	9.780	10.600	11.535	12.540	13.465	14.449	15.612	16.768	17.847
3.064	4.168	5.212	6.230	7.050	7.850	8.818	9.788	10.630	11.540	12.569	13.471	14.461	15.618	16.775	17.900
3.065	4.188	5.221	6.250	7.060	7.854	8.860	9.797	10.640	11.560	12.598	13.497	14.473	15.641	16.786	17.913
3.072	4.203	5.230	6.280	7.068	7.892	8.896	9.798	10.670	11.565	12.620	13.500	14.500	15.644	16.791	17.920
3.081	4.204	5.282	6.292	7.080	7.893	8.897	9.799	10.679	11.600	12.630	13.501	14.505	15.645	16.805	17.950
3.093	4.216	5.290	6.293	7.094	7.933	8.944	9.819	10.680	11.614	12.640	13.553	14.507	15.651	16.887	17.957
3.095	4.218	5.300	6.300	7.116	7.935	8.986	9.820	10.701	11.644	12.652	13.570	14.511	15.652	16.900	17.986
3.119	4.220	5.322	6.303	7.144	7.940	8.989	9.830	10.707	11.653	12.675	13.580	14.515	15.669	16.940	17.998
3.160	4.242	5.336	6.309	7.150	7.948	9.000	9.840	10.709	11.664	12.680	13.604	14.532	15.681	16.950	18.000
3.175	4.243	5.340	6.325	7.177	7.953	9.002	9.863	10.724	11.675	12.700	13.630	14.545	15.717	16.952	18.013
3.192	4.266	5.341	6.327	7.179	7.971	9.013	9.866	10.746	11.693	12.729	13.633	14.551	15.758	16.965	18.070
3.195	4.280	5.346	6.330	7.181	8.000	9.026	9.873	10.757	11.697	12.780	13.647	14.560	15.770	16.970	18.150
3.200	4.285	5.349	6.333	7.200	8.010	9.038	9.879	10.775	11.700	12.800	13.651	14.580	15.779	16.984	18.162
3.221	4.287	5.350	6.340	7.217	8.030	9.045	9.881	10.780	11.702	12.802	13.666	14.587	15.799	16.997	18.166
3.223	4.300	5.366	6.342	7.236	8.045	9.047	9.888	10.800	11.726	12.819	13.689	14.590	15.860	17.000	18.171
3.227	4.304	5.378	6.363	7.243	8.049	9.051	9.892	10.806	11.729	12.821	13.699	14.597	15.862	17.020	18.181
3.248	4.315	5.381	6.372	7.249	8.069	9.082	9.908	10.810	11.733	12.830	13.700	14.600	15.880	17.040	18.190
3.259	4.349	5.386	6.373	7.251	8.082	9.101	9.916	10.814	11.740	12.870	13.721	14.616	15.895	17.066	18.199
3.270	4.350	5.405	6.378	7.268	8.096	9.130	9.928	10.840	11.749	12.880	13.722	14.650	15.940	17.082	18.210
3.329	4.386	5.406	6.400	7.274	8.105	9.138	9.935	10.850	11.753	12.884	13.734	14.696	16.000	17.099	18.230
3.340	4.399	5.407	6.412	7.280	8.110	9.142	9.939	10.897	11.767	12.889	13.750	14.699	16.002	17.130	18.233
3.343	4.431	5.417	6.420	7.287	8.155	9.150	9.943	10.899	11.787	12.898	13.770	14.720	16.020	17.140	18.244
3.360	4.435	5.431	6.438	7.300	8.157	9.155	9.947	10.905	11.800	12.900	13.789	14.739	16.022	17.150	18.249
3.370	4.450	5.450	6.460	7.330	8.159	9.157	9.980	10.920	11.816	12.902	13.793	14.750	16.048	17.155	18.268
3.384	4.466	5.461	6.477	7.350	8.174	9.160	9.984	10.923	11.840	12.904	13.800	14.789	16.049	17.189	18.269
3.400	4.482	5.473	6.479	7.360	8.176	9.162	9.998	10.938	11.845	12.913	13.840	14.790	16.053	17.215	18.286
3.403	4.500	5.500	6.483	7.373	8.200	9.167	10.000	10.950	11.850	12.920	13.845	14.794	16.069	17.221	18.288
3.416	4.503	5.503	6.486	7.386	8.202	9.174	10.017	10.965	11.868	12.922	13.866	14.797	16.076	17.229	18.291
3.430	4.504	5.511	6.498	7.400	8.203	9.180	10.030	10.975	11.889	12.971	13.882	14.801	16.098	17.231	18.302
3.447	4.505	5.570	6.500	7.415	8.209	9.189	10.036	10.990	11.900	12.980	13.886	14.806	16.109	17.236	18.304
3.487	4.511	5.600	6.528	7.422	8.218	9.196	10.046	11.000	11.918	12.990	13.897	14.900	16.130	17.245	18.335
3.500	4.517	5.634	6.529	7.432	8.219	9.200	10.080	11.013	11.937	13.000	13.899	14.921	16.140	17.250	18.350
3.507	4.531	5.649	6.540	7.436	8.240	9.225	10.090	11.039	11.950	13.003	13.906	14.959	16.151	17.286	18.357
3.527	4.540	5.659	6.563	7.461	8.259	9.241	10.093	11.050	11.959	13.052	13.914	14.975	16.161	17.299	18.361
3.530	4.542	5.665	6.569	7.472	8.280	9.250	10.099	11.053	11.963	13.069	13.918	14.980	16.176	17.305	18.370
3.537	4.550	5.670	6.570	7.475	8.305	9.266	10.102	11.072	12.000	13.077	13.930	14.989	16.180	17.332	18.381
3.543	4.554	5.677	6.572	7.478	8.316	9.269	10.110	11.100	12.009	13.078	13.950	15.000	16.188	17.360	18.393
3.584	4.566	5.683	6.600	7.479	8.319	9.289	10.120	11.102	12.013	13.083	13.991	15.012	16.189	17.387	18.415
3.615	4.588	5.685	6.609	7.482	8.331	9.299	10.137	11.103	12.040	13.103	14.007	15.091	16.199	17.400	18.420
3.620	4.600	5.691	6.643	7.499	8.353	9.318	10.151	11.121	12.050	13.124	14.012	15.093	16.230	17.402	18.429
3.630	4.620	5.693	6.645	7.503	8.359	9.320	10.159	11.135	12.051	13.127	14.013	15.102	16.249	17.439	18.480
3.632	4.636	5.727	6.647	7.504	8.370	9.330	10.168	11.150	12.054	13.138	14.020	15.129	16.255	17.466	18.490
3.650	4.660	5.730	6.666	7.506	8.380	9.342	10.179	11.185	12.060	13.173	14.050	15.141	16.270	17.470	18.502
3.680	4.666	5.743	6.671	7.511	8.382	9.354	10.190	11.195	12.079	13.176	14.095	15.145	16.297	17.485	18.512
3.685	4.670	5.780	6.680	7.542	8.392	9.358	10.198	11.200	12.101	13.180	14.098	15.154	16.299	17.494	18.530
3.688	4.685	5.782	6.707	7.559	8.400	9.386	10.206	11.203	12.104	13.191	14.100	15.165	16.312	17.500	18.543
3.700	4.688	5.820	6.710	7.564	8.418	9.400	10.215	11.240	12.120	13.194	14.140	15.175	16.330	17.503	18.552
3.713	4.702	5.826	6.713	7.579	8.438	9.410	10.218	11.268	12.130	13.200	14.149	15.201	16.350	17.508	18.557
3.730	4.725	5.834	6.740	7.580	8.470	9.416	10.220	11.280	12.150	13.203	14.158	15.205	16.355	17.521	18.560
3.732	4.726	5.839	6.750	7.594	8.472	9.441	10.252	11.287	12.182	13.217	14.161	15.220	16.381	17.530	18.577
3.737	4.729	5.861	6.752	7.610	8.489	9.450	10.258	11.296	12.190	13.245	14.171	15.238	16.399	17.534	18.581
3.742	4.780	5.869	6.769	7.612	8.500	9.494	10.260	11.317	12.201	13.260	14.172	15.242	16.418	17.540	18.588
3.757	4.785	5.873	6.770	7.622	8.505	9.497	10.300	11.328	12.220	13.269	14.179	15.247	16.430	17.542	18.600
3.763	4.791	5.879	6.773	7.626	8.507	9.500	10.310	11.330	12.227	13.273	14.192	15.259	16.470	17.596	18.605
3.800	4.794	5.900	6.776	7.629	8.520	9.505	10.320	11.336	12.265	13.300	14.197	15.290	16.483	17.601	18.640

木下光学ニュートン板リスト 2

2015/04/10現在　4626枚

18.648	19.630	20.544	21.620	22.700	23.931	25.380	26.546	27.829	29.300	30.631	32.412	34.158	35.710	37.443	39.300
18.663	19.660	20.569	21.640	22.710	23.981	25.400	26.552	27.857	29.311	30.657	32.500	34.189	35.725	37.500	39.321
18.678	19.670	20.580	21.679	22.713	24.000	25.440	26.557	27.870	29.316	30.658	32.507	34.198	35.800	37.560	39.330
18.705	19.675	20.600	21.682	22.730	24.009	25.453	26.561	27.899	29.320	30.687	32.520	34.221	35.823	37.570	39.389
18.711	19.677	20.628	21.686	22.737	24.010	25.464	26.569	27.917	29.330	30.693	32.545	34.227	35.874	37.627	39.400
18.720	19.690	20.630	21.701	22.769	24.017	25.471	26.600	27.980	29.340	30.699	32.560	34.247	35.888	37.630	39.415
18.731	19.700	20.643	21.709	22.794	24.019	25.473	26.620	27.988	29.405	30.720	32.600	34.305	35.914	37.650	39.422
18.750	19.708	20.700	21.719	22.798	24.080	25.491	26.625	27.994	29.452	30.770	32.615	34.306	35.940	37.660	39.450
18.765	19.723	20.705	21.725	22.827	24.100	25.498	26.650	28.001	29.478	30.800	32.625	34.360	35.942	37.675	39.538
18.780	19.733	20.721	21.727	22.849	24.102	25.499	26.663	28.014	29.481	30.844	32.654	34.400	35.948	37.700	39.584
18.785	19.762	20.737	21.750	22.856	24.122	25.504	26.691	28.042	29.495	30.863	32.730	34.402	36.000	37.704	39.600
18.839	19.765	20.741	21.760	22.860	24.135	25.513	26.694	28.067	29.500	30.873	32.800	34.410	36.003	37.709	39.610
18.842	19.791	20.746	21.795	22.880	24.178	25.518	26.706	28.075	29.521	30.900	32.810	34.414	36.010	37.720	39.643
18.847	19.794	20.750	21.811	22.913	24.198	25.537	26.731	28.100	29.525	30.950	32.813	34.420	36.031	37.725	39.700
18.850	19.798	20.785	21.830	22.914	24.209	25.548	26.780	28.120	29.530	30.953	32.829	34.489	36.050	37.780	39.708
18.854	19.807	20.790	21.853	22.920	24.231	25.578	26.790	28.152	29.541	30.956	32.850	34.500	36.084	37.800	39.725
18.859	19.821	20.800	21.897	22.962	24.240	25.580	26.802	28.165	29.562	31.000	32.859	34.508	36.098	37.803	39.776
18.900	19.832	20.810	21.898	23.000	24.258	25.591	26.818	28.178	29.592	31.003	32.885	34.516	36.100	38.000	39.810
18.910	19.849	20.814	21.899	23.052	24.288	25.592	26.826	28.226	29.607	31.008	32.929	34.528	36.105	38.023	39.837
18.923	19.860	20.820	21.941	23.080	24.291	25.596	26.849	28.232	29.630	31.031	32.930	34.560	36.138	38.042	39.876
18.929	19.864	20.850	21.950	23.108	24.302	25.602	26.920	28.261	29.634	31.070	32.958	34.570	36.167	38.057	39.889
18.930	19.866	20.853	21.982	23.130	24.335	25.609	26.974	28.275	29.650	31.100	33.000	34.584	36.170	38.068	39.907
18.938	19.869	20.860	21.996	23.140	24.345	25.613	26.999	28.283	29.665	31.108	33.006	34.630	36.188	38.118	39.951
18.950	19.902	20.900	22.001	23.158	24.371	25.614	27.029	28.300	29.673	31.115	33.018	34.644	36.190	38.120	39.960
18.970	19.909	20.909	22.002	23.190	24.397	25.617	27.036	28.305	29.695	31.137	33.027	34.680	36.300	38.130	39.977
18.990	19.917	20.915	22.007	23.198	24.420	25.639	27.050	28.370	29.699	31.170	33.087	34.696	36.328	38.164	39.996
19.000	19.922	20.918	22.017	23.223	24.431	25.650	27.060	28.378	29.716	31.171	33.126	34.737	36.350	38.202	40.000
19.011	19.930	20.931	22.058	23.230	24.488	25.651	27.081	28.400	29.740	31.199	33.136	34.750	36.420	38.203	40.068
19.015	19.943	20.940	22.061	23.232	24.491	25.663	27.119	28.432	29.766	31.223	33.140	34.770	36.426	38.210	40.100
19.016	19.990	20.955	22.074	23.243	24.493	25.670	27.146	28.474	29.768	31.250	33.151	34.780	36.437	38.222	40.110
19.017	19.997	20.959	22.081	23.251	24.500	25.680	27.148	28.501	29.772	31.296	33.160	34.800	36.477	38.229	40.196
19.027	20.000	20.992	22.100	23.269	24.503	25.701	27.150	28.513	29.779	31.310	33.163	34.825	36.497	38.239	40.237
19.043	20.002	20.999	22.113	23.300	24.511	25.720	27.154	28.570	29.789	31.328	33.186	34.871	36.500	38.258	40.252
19.061	20.010	21.003	22.135	23.303	24.520	25.745	27.158	28.590	29.800	31.375	33.200	34.940	36.556	38.303	40.272
19.064	20.012	21.008	22.163	23.311	24.550	25.759	27.182	28.592	29.837	31.380	33.211	34.951	36.587	38.310	40.339
19.069	20.025	21.030	22.171	23.320	24.579	25.790	27.188	28.611	29.883	31.419	33.235	34.954	36.595	38.314	40.350
19.072	20.069	21.038	22.175	23.327	24.600	25.840	27.198	28.619	29.910	31.429	33.271	34.973	36.653	38.346	40.370
19.075	20.100	21.048	22.190	23.331	24.619	25.853	27.211	28.628	29.920	31.442	33.289	34.975	36.673	38.349	40.399
19.090	20.102	21.050	22.204	23.340	24.620	25.860	27.236	28.640	29.940	31.460	33.298	34.980	36.684	38.350	40.409
19.100	20.122	21.120	22.225	23.360	24.688	25.878	27.244	28.653	29.960	31.500	33.299	34.991	36.686	38.369	40.443
19.106	20.140	21.129	22.226	23.409	24.700	25.882	27.262	28.660	29.975	31.501	33.321	34.993	36.695	38.400	40.500
19.109	20.166	21.143	22.230	23.414	24.708	25.900	27.285	28.664	29.990	31.538	33.337	34.998	36.738	38.416	40.505
19.120	20.178	21.156	22.259	23.459	24.720	25.943	27.289	28.667	30.000	31.576	33.360	35.000	36.747	38.470	40.600
19.134	20.179	21.160	22.270	23.491	24.743	25.950	27.306	28.668	30.012	31.599	33.372	35.010	36.752	38.477	40.610
19.150	20.186	21.193	22.280	23.496	24.759	25.978	27.319	28.698	30.032	31.694	33.397	35.100	36.759	38.505	40.621
19.170	20.210	21.214	22.294	23.500	24.770	25.997	27.348	28.700	30.055	31.699	33.399	35.143	36.802	38.550	40.649
19.176	20.227	21.240	22.298	23.536	24.808	26.017	27.350	28.713	30.059	31.760	33.412	35.162	36.878	38.600	40.698
19.200	20.230	21.249	22.330	23.540	24.821	26.060	27.354	28.740	30.065	31.773	33.430	35.190	36.900	38.631	40.700
19.217	20.242	21.270	22.341	23.550	24.825	26.072	27.375	28.770	30.082	31.820	33.444	35.202	36.911	38.650	40.702
19.221	20.248	21.291	22.349	23.553	24.840	26.085	27.390	28.775	30.090	31.832	33.498	35.261	36.918	38.679	40.710
19.230	20.250	21.300	22.359	23.559	24.874	26.100	27.398	28.790	30.133	31.900	33.500	35.283	36.925	38.708	40.730
19.276	20.257	21.310	22.370	23.563	24.900	26.114	27.427	28.800	30.150	31.932	33.526	35.313	36.930	38.740	40.751
19.279	20.280	21.314	22.390	23.569	24.911	26.156	27.466	28.855	30.170	31.950	33.536	35.321	37.000	38.760	40.754
19.291	20.290	21.318	22.400	23.580	24.929	26.164	27.470	28.900	30.190	31.970	33.539	35.330	37.007	38.798	40.800
19.300	20.300	21.330	22.402	23.599	24.973	26.189	27.482	28.910	30.209	32.002	33.559	35.342	37.016	38.800	40.835
19.303	20.303	21.354	22.408	23.622	25.000	26.200	27.498	28.937	30.229	32.004	33.595	35.362	37.026	38.803	40.873
19.310	20.320	21.355	22.420	23.644	25.010	26.203	27.549	28.952	30.260	32.014	33.632	35.374	37.060	38.838	40.942
19.320	20.331	21.360	22.429	23.650	25.020	26.223	27.563	28.965	30.298	32.041	33.640	35.375	37.105	38.900	40.950
19.329	20.338	21.362	22.444	23.662	25.029	26.231	27.570	28.969	30.318	32.063	33.683	35.390	37.106	38.917	40.999
19.350	20.350	21.386	22.480	23.670	25.048	26.247	27.575	28.981	30.322	32.101	33.693	35.466	37.118	38.950	41.003
19.367	20.369	21.400	22.481	23.685	25.086	26.259	27.581	29.000	30.340	32.140	33.718	35.470	37.124	38.995	41.019
19.400	20.380	21.413	22.485	23.692	25.099	26.300	27.588	29.006	30.349	32.150	33.758	35.493	37.143	38.997	41.055
19.421	20.400	21.416	22.490	23.700	25.102	26.318	27.598	29.060	30.385	32.161	33.780	35.500	37.167	39.000	41.072
19.436	20.430	21.419	22.495	23.708	25.128	26.360	27.623	29.100	30.393	32.164	33.800	35.529	37.173	39.030	41.105
19.491	20.444	21.470	22.500	23.757	25.154	26.364	27.646	29.109	30.402	32.202	33.802	35.530	37.200	39.036	41.108
19.498	20.462	21.496	22.507	23.772	25.192	26.395	27.660	29.138	30.410	32.229	33.810	35.560	37.223	39.037	41.123
19.500	20.468	21.499	22.539	23.813	25.200	26.431	27.680	29.171	30.429	32.237	33.843	35.563	37.234	39.070	41.166
19.539	20.480	21.537	22.563	23.816	25.208	26.448	27.688	29.180	30.457	32.260	33.902	35.574	37.251	39.098	41.202
19.572	20.482	21.540	22.589	23.822	25.232	26.460	27.689	29.200	30.480	32.298	33.931	35.579	37.271	39.120	41.253
19.575	20.500	21.548	22.596	23.829	25.262	26.471	27.704	29.220	30.500	32.323	33.950	35.580	37.300	39.128	41.274
19.578	20.501	21.553	22.600	23.848	25.280	26.497	27.709	29.229	30.508	32.324	33.969	35.593	37.316	39.135	41.329
19.590	20.507	21.568	22.614	23.863	25.287	26.501	27.719	29.249	30.516	32.340	33.980	35.599	37.320	39.145	41.347
19.598	20.509	21.600	22.631	23.875	25.301	26.531	27.722	29.255	30.550	32.350	34.000	35.612	37.377	39.196	41.367
19.604	20.528	21.610	22.635	23.896	25.312	26.540	27.755	29.267	30.580	32.360	34.040	35.615	37.415	39.238	41.400
19.628	20.534	21.614	22.645	23.900	25.336	26.543	27.787	29.270	30.600	32.399	34.098	35.652	37.419	39.268	41.415

木下光学ニュートン板リスト 3

2015/04/10現在　4626枚

41.429	43.350	45.785	48.066	50.346	53.431	56.100	59.277	62.491	65.852	69.569	74.860	79.364	84.863	90.632	97.240
41.468	43.374	45.840	48.070	50.392	53.500	56.121	59.338	62.500	65.910	69.604	74.954	79.515	84.902	90.704	97.378
41.479	43.387	45.900	48.080	50.410	53.550	56.198	59.395	62.524	65.920	69.700	74.987	79.532	84.987	90.721	97.600
41.546	43.400	45.913	48.094	50.495	53.600	56.208	59.459	62.530	65.940	69.783	75.000	79.560	84.998	90.849	97.695
41.560	43.450	45.920	48.123	50.500	53.608	56.231	59.482	62.602	66.000	69.823	75.060	79.681	85.097	90.865	97.790
41.580	43.460	45.926	48.124	50.509	53.650	56.300	59.496	62.700	66.080	69.842	75.075	79.782	85.253	91.060	97.997
41.663	43.475	45.950	48.140	50.580	53.714	56.349	59.510	62.705	66.203	69.986	75.200	79.983	85.305	91.080	98.090
41.672	43.499	45.994	48.150	50.581	53.730	56.369	59.565	62.712	66.288	70.000	75.234	80.000	85.437	91.100	98.226
41.681	43.570	45.996	48.190	50.700	53.787	56.390	59.623	62.745	66.334	70.011	75.258	80.050	85.491	91.306	98.285
41.684	43.600	46.087	48.275	50.750	53.800	56.425	59.653	62.804	66.350	70.036	75.443	80.122	85.509	91.392	98.380
41.732	43.609	46.093	48.293	50.760	53.821	56.522	59.833	62.889	66.363	70.097	75.456	80.224	85.622	91.469	98.445
41.740	43.650	46.107	48.300	50.772	53.848	56.630	59.850	62.992	66.404	70.345	75.470	80.300	85.660	91.558	98.455
41.759	43.695	46.154	48.315	50.856	53.856	56.670	59.937	63.000	66.503	70.400	75.495	80.362	85.798	91.596	98.469
41.803	43.801	46.175	48.327	50.905	53.890	56.680	59.965	63.031	66.550	70.564	75.540	80.372	85.832	91.896	98.487
41.813	43.806	46.195	48.344	50.990	53.915	56.690	59.995	63.100	66.642	70.591	75.600	80.404	85.900	92.000	98.490
41.836	43.820	46.228	48.432	51.000	53.935	56.700	60.000	63.166	66.651	70.800	75.631	80.500	86.003	92.016	98.588
41.847	43.828	46.230	48.452	51.005	54.000	56.773	60.050	63.280	66.707	70.976	75.730	80.700	86.020	92.040	98.698
41.860	43.838	46.237	48.472	51.050	54.010	56.840	60.072	63.289	66.800	70.996	75.787	80.800	86.100	92.101	98.806
41.870	43.843	46.324	48.500	51.177	54.014	56.868	60.120	63.344	66.810	71.159	75.850	80.824	86.109	92.126	98.830
41.920	43.866	46.336	48.527	51.234	54.027	56.920	60.150	63.354	66.998	71.163	75.863	80.888	86.200	92.180	98.850
41.932	43.880	46.369	48.538	51.268	54.082	56.959	60.172	63.470	67.023	71.195	76.003	81.000	86.213	92.200	98.930
41.949	44.002	46.451	48.560	51.280	54.097	56.960	60.176	63.498	67.059	71.250	76.024	81.122	86.273	92.495	98.935
41.965	44.008	46.457	48.571	51.362	54.119	57.000	60.314	63.550	67.065	71.300	76.060	81.238	86.300	92.583	98.970
41.978	44.010	46.479	48.600	51.395	54.130	57.052	60.320	63.596	67.080	71.310	76.090	81.300	86.303	92.596	98.990
41.991	44.039	46.500	48.614	51.426	54.149	57.150	60.441	63.688	67.090	71.358	76.410	81.382	86.438	92.966	99.060
42.004	44.055	46.520	48.697	51.430	54.194	57.160	60.446	63.801	67.175	71.388	76.448	81.400	86.500	93.000	99.143
42.008	44.073	46.540	48.700	51.441	54.198	57.272	60.500	63.822	67.180	71.455	76.497	81.482	86.550	93.036	99.210
42.030	44.160	46.564	48.706	51.446	54.297	57.284	60.546	63.868	67.198	71.500	76.505	81.495	86.640	93.189	99.267
42.040	44.165	46.569	48.710	51.456	54.331	57.331	60.574	63.885	67.235	71.721	76.560	81.560	86.790	93.330	99.500
42.047	44.201	46.600	48.720	51.471	54.348	57.385	60.594	63.992	67.318	71.798	76.725	81.571	86.800	93.406	99.525
42.087	44.217	46.666	48.744	51.535	54.350	57.415	60.620	64.000	67.345	71.838	76.765	81.592	86.838	93.500	99.533
42.111	44.250	46.694	48.756	51.548	54.351	57.496	60.688	64.019	67.442	71.850	76.791	81.805	86.887	93.619	99.600
42.142	44.271	46.699	48.797	51.575	54.365	57.510	60.706	64.061	67.458	71.888	76.847	81.825	86.898	93.753	99.698
42.149	44.300	46.731	48.900	51.640	54.376	57.529	60.755	64.075	67.474	71.893	76.930	81.885	87.175	93.755	99.844
42.160	44.305	46.750	48.919	51.682	54.383	57.561	60.769	64.082	67.500	71.906	76.981	81.957	87.224	93.767	99.941
42.193	44.398	46.774	48.940	51.709	54.400	57.600	60.854	64.184	67.502	72.003	77.001	82.000	87.295	93.800	100.00
42.249	44.400	46.802	48.987	51.750	54.454	57.643	60.867	64.203	67.584	72.044	77.037	82.030	87.341	93.918	100.10
42.270	44.435	46.810	49.000	51.752	54.522	57.661	60.870	64.224	67.699	72.094	77.095	82.080	87.358	94.003	100.30
42.303	44.480	46.900	49.081	51.778	54.544	57.664	60.998	64.255	67.714	72.127	77.178	82.180	87.500	94.023	100.40
42.317	44.498	46.921	49.136	51.781	54.567	57.752	61.097	64.268	67.750	72.216	77.185	82.213	87.556	94.061	100.45
42.362	44.588	46.925	49.190	51.786	54.604	57.770	61.152	64.310	67.759	72.245	77.299	82.250	87.592	94.210	100.50
42.367	44.633	46.984	49.210	51.832	54.610	57.800	61.256	64.339	67.796	72.290	77.330	82.260	87.726	94.369	100.53
42.400	44.658	46.997	49.248	51.850	54.707	57.994	61.354	64.349	67.800	72.345	77.346	82.330	87.790	94.388	100.58
42.451	44.700	47.000	49.318	51.884	54.754	57.997	61.385	64.400	67.851	72.410	77.480	82.445	87.989	94.454	100.59
42.453	44.739	47.063	49.337	51.902	54.802	58.000	61.406	64.502	68.000	72.500	77.550	82.490	88.000	94.505	100.81
42.500	44.782	47.075	49.344	51.997	54.990	58.190	61.500	64.540	68.050	72.555	77.600	82.495	88.033	94.640	100.84
42.505	44.786	47.098	49.386	52.000	55.000	58.195	61.505	64.662	68.077	72.578	77.603	82.504	88.223	94.666	101.02
42.539	44.840	47.121	49.390	52.019	55.022	58.237	61.595	64.706	68.297	72.600	77.643	82.553	88.270	94.798	101.17
42.543	44.848	47.160	49.451	52.024	55.125	58.254	61.620	64.720	68.337	72.698	77.731	82.752	88.370	95.000	101.25
42.581	44.860	47.176	49.500	52.029	55.140	58.280	61.650	64.740	68.387	72.791	77.790	82.754	88.427	95.207	101.61
42.627	44.894	47.184	49.563	52.061	55.161	58.305	61.670	64.780	68.409	72.889	77.800	82.770	88.529	95.243	101.98
42.630	44.909	47.206	49.570	52.103	55.237	58.316	61.725	64.817	68.494	73.000	77.858	82.775	88.668	95.379	102.00
42.652	44.913	47.230	49.576	52.112	55.267	58.318	61.767	64.872	68.564	73.098	77.989	82.781	88.769	95.397	102.32
42.690	44.922	47.256	49.590	52.203	55.280	58.382	61.779	64.993	68.570	73.115	78.050	82.941	88.800	95.450	102.39
42.720	45.000	47.296	49.661	52.290	55.321	58.393	61.850	64.997	68.606	73.210	78.122	83.000	88.880	95.466	102.40
42.759	45.118	47.315	49.695	52.298	55.330	58.396	61.880	65.000	68.650	73.233	78.177	83.218	88.975	95.598	102.55
42.780	45.132	47.351	49.701	52.360	55.332	58.430	61.906	65.017	68.664	73.250	78.200	83.393	89.074	95.745	102.58
42.797	45.157	47.400	49.850	52.402	55.398	58.499	61.980	65.122	68.832	73.287	78.500	83.408	89.120	95.800	102.76
42.838	45.200	47.430	49.872	52.500	55.429	58.528	62.000	65.170	68.890	73.400	78.520	83.504	89.135	95.892	102.85
42.880	45.304	47.444	49.907	52.610	55.500	58.533	62.003	65.186	68.985	73.579	78.636	83.555	89.150	95.943	102.88
42.934	45.346	47.493	49.930	52.623	55.506	58.564	62.008	65.241	69.000	73.684	78.861	83.580	89.258	96.014	102.99
42.950	45.384	47.500	49.963	52.785	55.516	58.600	62.020	65.294	69.110	73.730	78.882	83.630	89.264	96.192	103.00
42.995	45.399	47.530	49.981	52.800	55.559	58.650	62.100	65.305	69.120	73.792	78.885	83.775	89.471	96.200	103.10
43.000	45.423	47.538	50.000	52.863	55.573	58.684	62.130	65.422	69.164	73.800	78.900	83.795	89.480	96.342	103.36
43.014	45.440	47.660	50.019	52.950	55.624	58.766	62.145	65.436	69.180	73.816	78.958	83.938	89.514	96.361	103.38
43.019	45.441	47.699	50.027	52.984	55.685	58.807	62.149	65.480	69.202	73.920	79.000	83.973	89.523	96.425	103.47
43.067	45.460	47.804	50.100	52.993	55.728	58.995	62.158	65.500	69.284	74.003	79.010	84.000	89.600	96.481	103.51
43.100	45.496	47.815	50.172	53.000	55.800	59.000	62.210	65.527	69.300	74.016	79.080	84.030	89.737	96.490	103.57
43.140	45.500	47.835	50.210	53.054	55.818	59.068	62.262	65.550	69.359	74.114	79.102	84.182	89.752	96.525	103.63
43.192	45.519	47.863	50.232	53.200	55.877	59.086	62.276	65.564	69.373	74.199	79.108	84.320	89.798	96.700	103.65
43.200	45.565	47.930	50.238	53.260	55.899	59.148	62.330	65.602	69.429	74.332	79.125	84.458	89.947	96.780	103.72
43.235	45.587	48.000	50.246	53.270	55.904	59.178	62.410	65.604	69.443	74.345	79.152	84.497	90.000	96.995	103.99
43.245	45.608	48.012	50.282	53.292	55.996	59.183	62.428	65.700	69.496	74.453	79.300	84.555	90.346	97.107	104.07
43.280	45.705	48.024	50.320	53.320	56.008	59.190	62.452	65.720	69.500	74.554	79.332	84.600	90.500	97.108	104.13
43.300	45.764	48.045	50.334	53.359	56.016	59.243	62.470	65.800	69.522	74.653	79.340	84.800	90.590	97.110	104.29

木下光学ニュートン板リスト 4

2015/04/10現在　4626枚

104.32	112.66	126.28	138.82	153.00	169.66	187.29	209.10	243.27	286.53	341.33	439.61	613.00	967.46	2079.2
104.46	112.85	126.50	139.12	153.38	169.97	187.30	210.00	243.98	290.00	343.80	439.87	613.34	970.00	2199.2
104.56	113.31	126.57	139.15	153.39	170.04	187.32	210.34	244.67	290.11	343.90	442.59	613.90	978.11	2450.0
104.60	113.50	126.63	139.38	153.45	170.26	187.48	210.70	245.00	291.04	344.91	445.00	613.98	986.50	2463.8
104.68	113.52	127.02	139.55	153.50	170.31	188.00	211.60	245.86	291.50	344.99	445.61	617.60	988.74	2468.2
104.82	113.84	127.09	139.65	153.60	170.60	188.15	212.20	246.07	291.65	345.53	449.95	619.96	995.30	2500.0
104.84	114.00	127.11	139.81	153.79	170.61	188.30	212.40	248.31	292.55	348.06	457.37	622.60	1000.0	2599.0
104.89	114.34	127.25	140.00	154.00	170.80	188.60	212.58	250.00	293.72	349.93	458.87	629.90	1011.9	2670.0
104.96	114.71	127.47	140.03	154.10	170.99	189.21	213.93	250.48	294.00	351.86	459.91	634.60	1031.0	2819.2
105.01	114.81	127.50	140.07	154.58	171.30	190.00	214.30	250.53	294.92	353.34	462.19	640.00	1038.7	2893.8
105.05	114.86	127.62	140.20	154.95	171.44	190.25	214.63	250.68	295.60	353.97	469.10	642.29	1050.0	2912.2
105.11	114.93	127.80	140.39	155.00	171.53	190.44	215.00	250.95	296.56	354.32	470.44	642.42	1056.0	3395.0
105.24	115.00	128.00	140.51	155.19	172.18	191.52	215.47	252.36	297.10	354.92	473.55	649.97	1060.0	3465.0
105.46	115.19	128.16	140.66	155.33	172.50	191.80	215.77	254.53	297.44	357.95	473.65	650.78	1073.4	3612.7
105.50	115.28	128.30	140.69	155.50	172.56	192.03	216.72	254.55	297.93	359.98	475.10	669.90	1075.3	3950.0
105.51	115.42	128.70	140.80	155.68	172.78	192.41	216.76	254.74	298.78	360.73	478.75	676.48	1087.7	4000.0
105.58	115.44	128.94	141.42	155.82	172.80	192.54	217.90	255.00	299.47	361.57	480.00	678.99	1090.0	4214.0
105.60	115.47	129.31	141.44	155.90	172.91	192.60	218.09	255.73	300.00	365.27	481.90	680.20	1115.4	5000.0
105.70	115.76	129.43	141.60	156.21	173.03	192.65	218.83	255.79	300.56	366.91	483.93	690.10	1127.2	5079.3
105.84	116.00	129.50	141.81	156.35	173.17	192.77	220.00	255.95	301.21	369.82	485.13	696.98	1131.2	5513.7
105.87	116.66	129.82	142.19	156.80	173.40	193.06	220.57	256.21	302.67	373.20	489.00	700.10	1132.5	5547.8
106.13	116.72	129.89	142.23	157.02	173.82	193.77	220.70	256.61	303.29	374.16	494.20	700.37	1140.3	6791.0
106.27	117.14	130.00	142.63	157.14	173.95	193.88	220.98	259.24	303.60	376.55	495.02	703.77	1160.0	6860.0
106.28	117.32	130.10	142.68	157.58	174.07	193.97	221.26	259.94	304.40	376.76	496.62	704.16	1190.0	7500.0
106.48	117.75	130.24	142.84	157.99	174.10	194.11	221.43	259.98	305.00	377.28	500.00	706.00	1200.0	13000
106.53	117.79	130.66	142.88	158.16	174.24	194.62	221.56	260.27	306.03	378.77	500.94	710.09	1215.0	30000
106.65	117.88	130.89	143.00	158.87	174.65	195.00	221.70	261.08	307.03	379.96	502.05	721.80	1228.0	
106.70	118.00	130.94	143.13	159.09	174.87	195.05	222.05	261.54	307.84	380.00	502.20	723.84	1231.2	
106.72	118.03	130.97	143.41	159.10	174.95	195.38	222.44	261.65	309.83	380.68	503.00	727.13	1237.4	
107.00	118.39	131.42	143.51	159.28	175.00	195.67	223.33	263.36	310.00	381.55	505.13	729.66	1283.7	
107.02	118.45	131.74	143.55	159.47	175.56	195.89	223.34	263.66	311.77	383.24	510.13	732.60	1294.4	
107.20	119.01	131.85	143.72	159.52	175.58	196.27	224.70	264.00	312.00	384.08	513.38	737.47	1299.9	
107.28	119.08	131.95	143.75	159.62	175.68	196.54	224.99	264.18	312.81	385.26	514.12	738.00	1307.3	
107.54	119.32	132.06	144.00	159.67	175.78	196.72	226.00	264.96	313.41	387.59	514.97	739.95	1333.0	
107.57	119.38	132.18	144.04	160.00	175.98	197.38	226.49	266.20	313.81	389.53	516.49	751.18	1344.0	
107.64	119.52	132.19	144.50	160.50	176.00	197.39	227.60	266.48	314.13	396.21	519.10	751.30	1356.8	
107.71	119.64	132.30	144.70	160.51	176.30	197.45	227.79	267.17	315.00	397.15	519.97	778.85	1370.0	
107.81	119.78	132.48	144.75	160.55	176.41	197.92	227.89	267.49	317.83	397.47	521.82	792.07	1375.0	
107.99	119.93	132.50	145.00	161.02	176.43	198.02	228.01	267.71	320.00	400.00	523.02	798.32	1383.3	
108.00	119.98	132.51	145.09	161.13	176.73	198.29	229.00	268.57	321.22	401.07	524.32	799.00	1399.5	
108.14	120.00	132.66	145.21	161.19	176.90	198.39	229.30	268.71	322.43	401.97	524.93	800.00	1416.5	
108.38	120.07	132.90	145.64	161.70	177.00	198.93	230.00	268.98	323.77	402.40	525.93	803.90	1450.0	
108.62	120.22	133.00	145.75	161.99	177.04	199.67	230.19	270.05	324.31	404.00	531.60	815.00	1474.7	
108.73	120.25	133.02	145.85	162.19	178.16	199.84	230.38	271.03	324.98	404.86	532.00	820.50	1500.0	
108.98	120.84	133.15	146.00	162.45	178.18	200.00	230.75	271.04	325.64	409.25	536.41	822.40	1504.5	
109.00	121.01	133.20	146.43	162.57	178.34	200.47	231.00	272.00	326.17	409.94	538.67	827.34	1514.0	
109.02	121.33	133.23	146.44	162.98	178.82	200.86	231.59	272.52	326.24	411.58	539.20	830.00	1523.7	
109.30	121.34	133.40	146.63	163.73	178.86	201.18	231.82	272.56	327.10	412.00	540.95	840.31	1560.0	
109.50	121.59	133.50	147.00	163.98	180.00	202.08	232.03	273.05	328.50	413.28	545.67	852.40	1597.9	
109.51	121.65	133.52	147.20	164.00	181.03	202.09	232.04	273.27	328.92	414.15	546.02	855.70	1633.5	
110.00	121.67	133.73	147.68	164.05	181.22	202.44	232.50	273.66	329.83	414.52	547.50	857.80	1639.0	
110.04	121.85	133.93	147.81	164.30	181.41	203.00	232.68	274.03	330.44	414.76	554.94	859.86	1650.0	
110.40	122.00	134.00	147.91	164.31	181.62	203.46	232.71	274.66	331.57	415.13	555.63	880.08	1656.0	
110.50	122.11	134.35	148.00	164.57	181.76	203.50	233.00	274.94	333.00	418.60	557.00	887.30	1700.1	
110.51	122.14	134.51	148.31	164.95	182.00	204.10	233.40	274.96	333.38	420.36	560.94	900.00	1710.0	
110.52	122.16	134.85	148.58	165.00	182.42	204.23	233.87	276.51	333.52	424.79	562.55	900.80	1732.0	
110.66	122.38	135.00	148.76	165.47	182.83	204.50	234.19	277.97	334.43	426.70	570.90	909.34	1749.6	
110.71	122.58	135.01	149.00	165.49	183.00	204.94	234.32	278.00	334.60	427.14	578.13	912.38	1800.0	
110.81	122.63	135.05	149.47	165.57	183.52	205.01	234.97	278.20	334.97	428.73	588.83	919.00	1850.0	
110.82	122.92	135.20	149.60	166.12	184.18	205.23	234.99	278.44	334.99	428.84	589.04	935.66	1863.7	
110.93	123.00	135.40	149.83	166.24	184.34	205.61	236.22	279.52	335.40	430.65	590.88	945.81	1892.6	
111.00	123.19	135.62	149.96	166.36	184.41	205.81	236.96	280.00	335.67	431.66	592.53	949.30	1900.0	
111.10	123.25	135.70	150.08	166.50	185.00	206.15	236.98	280.28	339.94	435.55	593.47	959.28	1920.0	
111.14	123.31	136.00	150.44	166.70	185.12	206.63	237.06	280.51	340.48	436.32	599.90	961.74	1999.8	
111.20	123.40	136.16	150.62	166.90	185.33	206.75	238.10	280.81	340.78	439.50	602.80	961.90	2027.0	
111.27	123.92	136.30	151.00	167.00	185.71	206.96	238.48	281.00						
111.58	124.02	136.51	151.23	167.19	185.86	207.08	239.00	281.73						
111.71	124.22	136.52	151.37	167.34	185.97	207.15	239.20	281.91						
111.83	124.31	136.55	151.90	167.91	185.99	207.17	240.00	283.98						
111.91	124.52	137.11	152.00	168.00	186.35	207.19	240.58	284.45						
112.00	125.00	137.33	152.09	168.33	186.39	207.27	240.86	284.58						
112.13	125.58	137.58	152.25	168.49	186.48	207.30	240.97	285.04						
112.40	125.72	138.00	152.39	168.85	186.74	207.37	241.92	285.37						
112.50	126.01	138.56	152.40	168.99	186.98	207.93	242.74	286.50						
112.62	126.05	138.69	152.88	169.55	187.10	208.85	243.08	286.51						

お問い合わせ先
(株) 木下光学研究所
〒197-0815
東京都あきる野市二宮東3-8-8
TEL (042)558-6883
FAX (042)559-2135
URL http://www.kinoshita-optical.com/