

Plane gratings

Plane reflection gratings – Holographic blaze

Groove Density [l/mm]	Nominal blaze wavelenth [nm]	Max. Grating area [mm ²]	Cat. No.
3600	230	90 x 80	263232xx90224
2604	230	70 x 70	263232xx90524
2400	230	65 x 60	263232xx90824
2100	230	65 x 60	263232xx91024
1800	230	68 x 68	263232xx91324
1440	230	65 x 65	263232xx91624
1400	230	75 x 70	263232xx91924
1302	230	65 x 65	263232xx92324
1200	230	80 x 80	263232xx92824
300	230	65 x 65	263232xx94924

Key

- “xx” defines substrate format
- “23” (at the end) transmission grating (available upon request)
- “24” (at the end) aluminum coating
- “25” (at the end) gold coating (available upon request)

Dimensions [mm ³]	Code (xx)
15 x 10 x 6	90
19 x 19 x 6	58
30 x 30 x 6	81
40 x 40 x 10	62
50 x 50 x 10	89
60 x 15 x 10	65
60 x 60 x 10	83
70 x 70 x 12	70
75 x 75 x 16	84
90 x 20 x 20	66
90 x 90 x 16	85
120 x 100 x 20	55
dia. 30 x 8	50
dia. 50 x 10	60

– Other sizes upon request –

Plane reflection gratings – Holographic sine

Groove Density [1/mm]	Nominal blaze wavelenth [nm]	Max. Grating area [mm ²]	Cat. No.
3000	UV	90 x 75	263232xx48724
2400	UV-VIS	70 x 70	263232xx50824
2100	VIS-NIR	65 x 60	263232xx51024
1800	VIS-NIR	75 x 70	263232xx51324
1500	VIS-NIR	65 x 60	263232xx51624
1400	VIS-NIR	75 x 75	263232xx51824
1200	VIS-NIR	75 x 75	263232xx52824
1000	VIS-NIR	50 x 55	263232xx53024
750	NIR	70 x 55	263232xx52224

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90 x 90 x 16	85
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dia. 50 x 10	60

– Other sizes upon request –

Plane reflection gratings – Mechanically ruled

Groove Density [l/mm]	Nominal blaze wavelenth [nm]	Max. Grating area [mm ²]	Cat. No.
1302	230	50 x 50	263232xx62324
1302	300	65 x 60	263232xx62424
1302	400	68 x 64	263232xx62524
1302	475	68x64	263232xx62724
1302	500	68 x 64	263232xx62824
1302	550	100 x 80	263232xx62624
1302	700	68 x 64	263232xx62924
1200	250	60 x 60	263232xx12324
1200	300	80 x 80	263232xx12424
1200	400	50 x 60	263232xx12524
1200	500	65 x 64	263232xx12624
1200	700	65 x 64	263232xx12924
900	1000	68 x 63	263232xx12024
651	250	65 x 60	263232xx64224
651	300	75 x 75	263232xx63224
651	350	65 x 60	263232xx63124
651	425	100 x 80	263232xx63324
651	475	100 x 80	263232xx63424
651	550	65 x 60	263232xx63524
651	700	65 x 60	263232xx63624
651	750	65 x 60	263232xx63724
651	900	100 x 80	263232xx63824
651	1000	100 x 80	263232xx63924
651	1260	100 x 80	263232xx76724
651	1440	100 x 80	263232xx64124
651	1750	65 x 60	263232xx64424
610	1000	65 x 60	263232xx73924

Groove Density [l/mm]	Nominal blaze wavelenth [nm]	Max. Grating area [mm ²]	Cat. No.
600	250	65 x 60	263232xx14224
600	300	65 x 55	263232xx13224
600	350	65 x 55	263232xx13024
600	400	65 x 60	263232xx13131
600	500	65 x 60	263232xx13524
600	650	65 x 60	263232xx13324
600	775	65 x 60	263232xx13424
600	1000	65 x 60	263232xx13924
600	1100	65 x 60	263232xx13824
600	1250	65 x 60	263232xx14024
600	1300	65 x 60	263232xx13624
600	1500	65 x 60	263232xx14124
600	1700	65 x 60	263232xx13724
600	2300	70 x 50	263232xx14324
484	1250	65 x 60	263232xx61024
400	550	65 x 60	263232xx61524
325.5	300	70 x 65	263232xx65024
325.5	400	65 x 60	263232xx65224
325.5	480	65 x 50	263232xx65824
325.5	550	65 x 60	263232xx65124
325.5	700	100 x 80	263232xx65724
325.5	750	100 x 80	263232xx65924
325.5	950	65 x 60	263232xx65324
325.5	1500	65 x 60	263232xx65524
325.5	1750	65 x 60	263232xx65624
325.5	2000	65 x 60	263232xx65424
300	300	65 x 60	263232xx15024

Groove Density [l/mm]	Nominal blaze wavelenth [nm]	Max. Grating area [mm ²]	Cat. No.
300	500	65 x 55	263232xx15124
300	1300	65 x 55	263232xx14824
300	1800	65 x 60	263232xx15224
300	2850	65 x 60	263232xx15624
300	4700	70 x 55	263232xx15724
250	410	65 x 100	263232xx76224
217	4300	65 x 60	263232xx75124
175	8000	70 x 50	263232xx66024
162.75	200	50 x 50	263232xx76024
162.75	300	50 x 50	263232xx76124
162.75	400	65 x 60	263232xx66124
162.75	480	60 x 60	263232xx66324
162.75	4000	65 x 60	263232xx66424
162.75	4750	65 x 60	263232xx66524
150	500	65 x 60	263232xx16124
150	1200	65 x 60	263232xx16324
150	1270	65 x 60	263232xx16424
150	1870	65 x 60	263232xx16624
150	3750	65 x 60	263232xx16724
150	4000	65 x 60	263232xx16824
133	10200	65 x 60	263232xx66824
130.2	6000	65 x 60	263232xx66624
130.2	10200	65 x 60	263232xx66724
100	800	68 x 60	263232xx73724
90	9600	68 x 60	263232xx67124
81.38	8000	65 x 60	263232xx67424
75	8000	68 x 60	263232xx67824

Groove Density [l/mm]	Nominal blaze wavelenth [nm]	Max. Grating area [mm ²]	Cat. No.
75	10000	68 x 60	263232xx67924
75	12000	68 x 60	263232xx68024
60	8750	65 x 60	263232xx67324
54.25	1600	65 x 60	263232xx67524
54.25	13800	65 x 60	263232xx67724
53.9	6600	55 x 55	263232xx67624
50	1350 (1270)	65 x 60	263232xx68124
40.69	400	65 x 60	263232xx68224
40.69	500	65 x 60	263232xx68324
40.69	16000	65 x 60	263232xx68424
24.11	32200	65 x 64	263232xx69024
22.02	20000	65 x 64	263232xx69124



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