













# 1-Standard Series Replicated Ruled Gratings 标准系列刻划光栅

Standard Series Replicated Ruled Gratings 标准系列刻划光栅

Grooves / MM	Blaze $\lambda$ (nm)	Blaze Angle	Dispersion (nm/mr)
120	12000	46 3'	5.8
150	500	2 8'	6.66
300	300	2 34'	3.33
300	500	4 18'	3.32
300	1000	8 36'	3.30
300	2000	17 27'	3.18
300	4000	36 52'	2.67
600	300	5 9'	1.66
600	400	6 53'	1.66
600	500	8 37'	1.65
600	750	13 0'	1.62
600	1000	17 27'	1.59
600	1250	22 1'	1.55
600	1600	28 41'	1.46
200830	800	19 23'	1.14
830	1200	29 52'	1.05
900	500	13 0'	1.08
1200	250	8 37'	0.82
1200	300	10 22'	0.82
1200	400	13 53'	0.81
1200	500	17 27'	0.80
1200	750	26 44'	0.74
1200	1000	36 52'	0.67
1800	240	12 29'	0.54
1800	500	26 44'	0.50

Standard Series Replicated Ruled Gratings 标准系列刻划光栅

Grooves / MM	Blaze $\lambda$ (nm)	12.7x12.7 x 6	25x25 x 6	25x25 x 9.5	30x30 x 9.5	50x50 x 9.5	12.5x25 x 6	12.5x25 x 9.5	25x50 x 9.5	Eff Curve
120	12000	3-4112	3-8112	3-2112	3-3112	3-5112	3-6112	3-1112	3-7112	
150	500	3-4155	3-8155	3-2155	3-3155	3-5155	3-6155	3-1155	3-7155	
300	300	3-4330	3-8330	3-2330	3-3330	3-5330	3-6330	3-1330	3-7330	
300	500	3-4350	3-8350	3-2350	3-3350	3-5350	3-6350	3-1350	3-7350	
300	1000	3-4310	3-8310	3-2310	3-3310	3-5310	3-6310	3-1310	3-7310	
300	2000	3-4320	3-8320	3-2320	3-3320	3-5320	3-6320	3-1320	3-7320	
300	4000	3-4340	3-8340	3-2340	3-3340	3-5340	3-6340	3-1340	3-7340	
600	300	3-4630	3-8630	3-2630	3-3630	3-5630	3-6630	3-1630	3-7630	
600	400	3-4640	3-8640	3-2640	3-3640	3-5640	3-6640	3-1640	3-7640	
600	500	3-4650	3-8650	3-2650	3-3650	3-5650	3-6650	3-1650	3-7650	
600	750	3-4675	3-8675	3-2675	3-3675	3-5675	3-6675	3-1675	3-7675	
600	1000	3-4610	3-8610	3-2610	3-3610	3-5610	3-6610	3-1610	3-7610	
600	1250	3-4612	3-8612	3-2612	3-3612	3-5612	3-6612	3-1612	3-7612	




600	1600	3-4616	3-8616	3-2616	3-3616	3-5616	3-6616	3-1616	3-7616	
830	800	3-4880	3-8880	3-2880	3-3880	3-5880	3-6880	3-1880	3-7880	
830	1200	3-4812	3-8812	3-2812	3-3812	3-5812	3-6812	3-1812	3-7812	
900	500	3-4712	3-8712	3-2712	3-3712	3-5712	3-6712	3-1712	3-7712	
1200	250	3-4125	3-8125	3-2125	3-3125	3-5125	3-6125	3-1125	3-7125	
1200	300	3-4130	3-8130	3-2130	3-3130	3-5130	3-6130	3-1130	3-7130	
1200	400	3-4140	3-8140	3-2140	3-3140	3-5140	3-6140	3-1140	3-7140	
1200	500	3-4150	3-8150	3-2150	3-3150	3-5150	3-6150	3-1150	3-7150	
1200	750	3-4175	3-8175	3-2175	3-3175	3-5175	3-6175	3-1175	3-7175	
1200	1000	3-4110	3-8110	3-2110	3-3110	3-5110	3-6110	3-1110	3-7110	
1800	240	3-4162	3-8162	3-2162	3-3162	3-5162	3-6162	3-1162	3-7162	
1800	500	3-4185	3-8185	3-2185	3-3185	3-5185	3-6185	3-1185	3-7185	

## 2-High Resolution Ruled Gratings 高分辨率刻划光栅

High Resolution Ruled Gratings 高分辨率刻划光栅

Grooves / MM	Blaze $\lambda$ (nm)	Blaze Angle	Dispersion (nm/mr)
120	12000	46 3'	5.78
150	500	2 8'	6.66
300	300	2 34'	3.33
300	500	4 18'	3.32
300	1000	8 36'	3.30
300	2000	17 27'	3.18
300	4000	36 52'	2.67
600	300	5 9'	1.66
600	400	6 53'	1.66
600	500	8 37'	1.65
600	750	13 0'	1.62
600	1000	17 27'	1.59
600	1250	22 1'	1.55
600	1600	28 41'	1.46
830	800	19 23'	1.14
830	1200	29 52'	1.05
900	500	13 0'	1.08
1200	250	8 37'	0.82
1200	300	10 22'	0.82
1200	400	13 53'	0.81
1200	500	17 27'	0.80
1200	750	26 44'	0.74
1200	1000	36 52'	0.67
1800	240	12 29'	0.54
1800	500	26 44'	0.50

### High Resolution Ruled Gratings 高分辨率刻划光栅










Grooves / MM	Blaze $\lambda$ (nm)	12.7x12.7 x 6	25x25 x 6	25x25 x 9.5	30x30 x 9.5	50x50 x 9.5	12.5x25 x 6	12.5x25 x 9.5	25x50 x 9.5	Eff Curve
120	12000	3-4119	3-8219	3-2219	3-3219	3-5219	3-6219	3-1219	3-7219	
150	500	3-4559	3-8559	3-2559	3-3559	3-5559	3-6559	3-1559	3-7559	
300	300	3-4339	3-8339	3-2339	3-3339	3-5339	3-6339	3-1339	3-7339	
300	500	3-4359	3-8359	3-2359	3-3229	3-5359	3-6359	3-1359	3-7359	
300	1000	3-4229	3-8229	3-2229	3-3229	3-5229	3-6229	3-1229	3-7229	
300	2000	3-4329	3-8329	3-2329	3-3329	3-5329	3-6329	3-1329	3-7329	
300	4000	3-4349	3-8349	3-2349	3-3349	3-5349	3-6349	3-1349	3-7349	
600	300	3-4639	3-8639	3-2639	3-3639	3-5639	3-6639	3-1639	3-7639	
600	400	3-4649	3-8649	3-2649	3-3649	3-5649	3-6649	3-1649	3-7649	
600	500	3-4659	3-8659	3-2659	3-3659	3-5659	3-6659	3-1659	3-7659	
600	750	3-4679	3-8679	3-2679	3-3679	3-5679	3-6679	3-1679	3-7679	
600	1000	3-4619	3-8619	3-2619	3-3619	3-5619	3-6619	3-1619	3-7619	
600	1250	3-4609	3-8609	3-2609	3-3609	3-5609	3-6609	3-1609	3-7609	
600	1600	3-4669	3-8669	3-2669	3-3669	3-5669	3-6669	3-1669	3-7669	
830	800	3-4889	3-8889	3-2889	3-3889	3-5889	3-6889	3-1889	3-7889	
830	1200	3-4819	3-8819	3-2819	3-3819	3-5819	3-6819	3-1819	3-7819	
900	500	3-4719	3-8719	3-2719	3-3719	3-5719	3-6719	3-1719	3-7719	
1200	250	3-4129	3-8129	3-2129	3-3129	3-5129	3-6129	3-1129	3-7129	
1200	300	3-4139	3-8139	3-2139	3-3139	3-5139	3-6139	3-1139	3-7139	
1200	400	3-4149	3-8149	3-2149	3-3149	3-5149	3-6149	3-1149	3-7149	
1200	500	3-4159	3-8159	3-2159	3-3159	3-5159	3-6159	3-1159	3-7159	
1200	750	3-4179	3-8179	3-2179	3-3179	3-5179	3-6179	3-1179	3-7179	
1200	1000	3-4119	3-8119	3-2119	3-3119	3-5119	3-6119	3-1119	3-7119	
1800	240	3-4169	3-8169	3-2169	3-3169	3-5169	3-6169	3-1169	3-7169	
1800	500	3-4189	3-8189	3-2189	3-3189	3-5189	3-6189	3-1189	3-7189	

### 3-Standard Series Replicated Holographic Gratings 标准系列全息光栅

#### Standard Series Replicated Holographic Gratings 标准系列全息光栅










Grooves / MM	Optimum Efficiency	Dispersion (nm/mr)
600	UV	1.67 @ 250 NM
1000	UV	0.99 @ 250 NM
1200	UV	0.82 @ 250 NM
1200	VIS	0.79 @ 250 NM
1800	UV	0.54 @ 250 NM
1800	VIS	0.50 @ 250 NM
2400	UV	0.40 @ 250 NM
2400	VIS	0.33 @ 250 NM
3600	UV	0.25 @ 250 NM

Standard Series Replicated Holographic Gratings 标准系列全息光栅

Grooves / MM	Optimum Efficiency	Dispersion (nm/mr)	12.7x12.7	25x25	25x25	30x30	50x50	12.5x25	12.5x25	25x50	Eff Curve
			x 6	x 6	x 9.5	x 9.5	x 9.5	x 6	x 9.5	x 9.5	
600	UV	1.67 @ 250 NM	3-4021	3-8021	3-2021	3-3021	3-5021	3-6021	3-1021	3-7021	
1000	UV	0.99 @ 250 NM	3-4061	3-8061	3-2061	3-3061	3-5061	3-6061	3-1061	3-7061	
1200	UV	0.82 @ 250 NM	3-4121	3-8121	3-2121	3-3121	3-5121	3-6121	3-1121	3-7121	
1200	VIS	0.79 @ 250 NM	3-4122	3-8122	3-2122	3-3122	3-5122	3-6122	3-1122	3-7122	
1800	UV	0.54 @ 250 NM	3-4181	3-8181	3-2181	3-3181	3-5181	3-6181	3-1181	3-7181	
1800	VIS	0.50 @ 250 NM	3-4182	3-8182	3-2182	3-3182	3-5182	3-6182	3-1182	3-7182	
2400	UV	0.40 @ 250 NM	3-4241	3-8241	3-2241	3-3241	3-5241	3-6241	3-1241	3-7241	
2400	VIS	0.33 @ 250 NM	3-4242	3-8242	3-2242	3-3242	3-5242	3-6242	3-1242	3-7252	
3600	UV	0.25 @ 250 NM	3-4361	3-8361	3-2361	3-3361	3-5361	3-6361	3-1361	3-7361	





## 4-High Resolution Holographic Gratings 高分辨率全息光栅

High Resolution Holographic Gratings 高分辨率全息光栅





Grooves / MM	Optimum Efficiency	Dispersion (nm/mr)	12.7x12.7	25x25	25x25	30x30	50x50	12.5x25	12.5x25	25x50	Eff Curve
			x 6	x 6	x 9.5	x 9.5	x 9.5	x 6	x 9.5	x 9.5	
600	UV	1.67 @ 250 NM	3-4027	3-8027	3-2027	3-3027	3-5027	3-6027	3-1027	3-7027	
1000	UV	0.99 @ 250 NM	3-4067	3-8067	3-2067	3-3067	3-5067	3-6067	3-1067	3-7067	
1200	UV	0.82 @ 250 NM	3-4127	3-8127	3-2127	3-3127	3-5127	3-6127	3-1127	3-7127	
1200	VIS	0.79 @ 500 NM	3-4128	3-8128	3-2128	3-3128	3-5128	3-6128	3-1128	3-7128	
1800	UV	0.54 @ 250 NM	3-4187	3-8187	3-2187	3-3187	3-5187	3-6187	3-1187	3-7187	
1800	VIS	0.50 @ 500 NM	3-4188	3-8188	3-2188	3-3188	3-5188	3-6188	3-1188	3-7188	
2400	UV	0.40 @ 250 NM	3-4247	3-8247	3-2247	3-3247	3-5247	3-6247	3-1247	3-7247	
2400	VIS	0.33 @ 500 NM	3-4248	3-8248	3-2248	3-3248	3-5248	3-6248	3-1248	3-7258	
3600	UV	0.25 @ 250 NM	3-4367	3-8367	3-2367	3-3367	3-5367	3-6367	3-1367	3-7367	

### Spectroscopic Grating Kits

These spectroscopic grating kits, covering the UV to the near IR, each contain four (4) diffraction gratings, covering the 250nm to 1.2 μ wavelength range. Choose either a 600 groove per mm or a 1200 groove per mm kit in a choice of two sizes.

Grooves per mm/Blaze Wavelength	Kit Comprised of 1 each of		
	12.7mm	25mm	Eff Curve
600/300mm	3-4630	3-2630	
600/500mm	3-4650	3-2650	
600/750mm	3-4675	3-2675	
600/1.0 micron (1,000mm)	3-4610	3-2610	
Kit Catalog No.	3-0101	3-0102	

Grooves per mm/Blaze Wavelength	Kit Comprised of 4 each of		
	12.7mm	25mm	Eff Curve

1200/300nm	3-4130	3-2130	
1200/500nm	3-4150	3-2150	
1200/750nm	3-4175	3-2175	
1200/1000nm (1.0μ)	3-4110	3-2110	
Kit Catalog No.	3-0201	3-0202	

General Specifications		
Material	-	BK7 or float glass or equivalent
Size	-	12.7 mm square or 25mm square
Thickness	-	6mm - 9.5mm
Dimensional tolerances	-	± 0.5 mm
Efficiency	-	60-80% at blaze wavelength