

# Request Form for Plane Gratings with Equally Spaced Straight Grooves

Date: \_\_\_\_\_

1. Quantity: \_\_\_\_\_ pcs/lot (No. of lots per year: \_\_\_\_\_), \_\_\_\_\_ pcs/lot (No. of lots per year: \_\_\_\_\_)

2. Classification of grating:

Blazed holographic grating (BHG)

Holographic grating (HG)

3. Blank material:

Soda glass (standard)  BK7  Pyrex™  Other \_\_\_\_\_

4. Dimensions (mm):

Standard :  25 × 25 × 3.0 (cut-up)  25 × 25 × 7.5  30 × 30 × 10.0  34 × 34 × 10.0

40 × 30 × 10.0  40 × 40 × 10.0  44 × 44 × 10.0  50 × 50 × 10.0   $\phi$ 50 × 10.0

58 × 58 × 10.0  60 × 60 × 11.3

Other dimensions: Width, W (perpendicular to grooves) (or  $\phi$ ): \_\_\_\_\_ ± \_\_\_\_\_ × Height, H (parallel to grooves): \_\_\_\_\_ ± \_\_\_\_\_ × Thickness, T: \_\_\_\_\_ ± \_\_\_\_\_

\*The thickness is usually around one sixth (1/6) of the diagonal (for rectangular blanks) or diameter (for round blanks).

5. Effective area: except for a rim of 2 mm

6. Groove density (grooves/mm):

Standard:  100  200  300  600  900  1200  1600  1800  2400

Other: \_\_\_\_\_ grooves/mm

7. Wavelength range: \_\_\_\_\_ nm to \_\_\_\_\_ nm

8. Blaze (maximum efficiency) wavelength  $\lambda_{B(Litt)}$  (nm):

Standard:  200  250  300  400  500  600  800  1000  1200  1500  2000

Other: \_\_\_\_\_ nm

9. Coating:

Standard: Al

Au  Other:

10. Other requirements:

Please make enquiries by copying this form, filling in the details, and sending it by fax. (+81-33219-5567)

Division, department, or section: \_\_\_\_\_

Address, including zip code: \_\_\_\_\_

Telephone number,  
including extension: \_\_\_\_\_

FAX number: \_\_\_\_\_

Full name: \_\_\_\_\_

E-mail address: \_\_\_\_\_