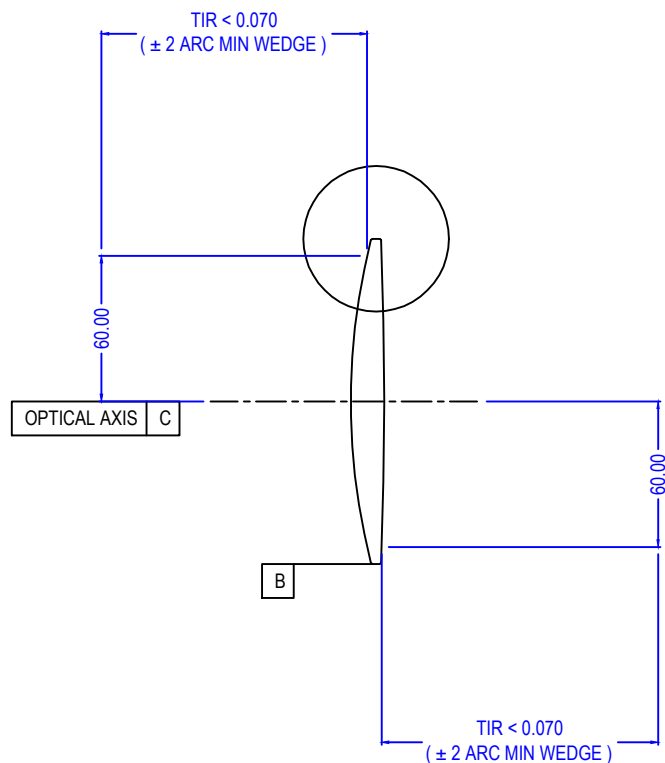
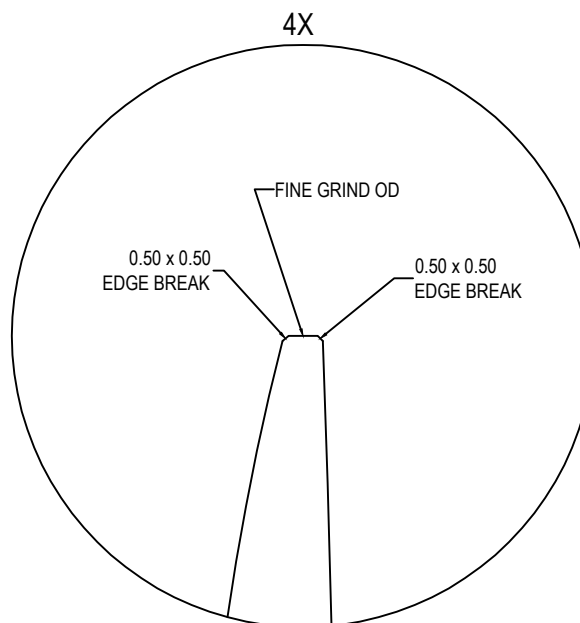


RADIUS	RAD. TOL.	TEST PLATE RAD.	RAD. FIT @ C.A.	IRREG. @ C.A.	C. A. Ø	SCR / DIG	EDGE Ø	EDGE Ø TOL	C. T.	C. T. TOL	GLASS
268.4 (CX)	± 0.60	268.40 ± 0.56	4 RINGS	1 RING	121.0	40 / 20	134.00	+ 0.00 / - 0.10	13.80	+ 0.40 / - 0.10	H-QF6
1721.8 (CX)	± 18.00	1721.80 ± 16.28	4 RINGS	1 RING	117.0	40 / 20					

$\lambda = 589 \text{ NM}$



© 0.030 C B



GLASS

H-QF6 #532489; FINE ANNEALED; STRIAE GRADE 1;
BUBBLE GRADE "A", (CHINA SPECIFICATION).

COATING ON BOTH CONVEX SURFACES

BBAR COATING ON BOTH CONVEX SURFACES TO MIL-C-675C.
CENTER COATING @ 550 NM.

EDGE BREAKS & BEVELS

FINE GRIND SURFACES AS INDICATED.
NO CHIPS ALLOWED WITHIN CLEAR APERTURE.

GENERAL FABRICATION

PITCH POLISH OPTICAL SURFACES. UNLESS OTHERWISE NOTED, THIS LENS MUST BE
FABRICATED IN ACCORDANCE WITH MIL-O-13830A.

INSPECTION REPORT REQUIRED FOR EACH LENS

1. CERTIFY ALL SPECIFICATIONS IN HEADER.
2. CERTIFY EDGE BREAKS.
3. CERTIFY CONCENTRICITY AND TOTAL INDICATOR RUN OUT TOLERANCES.

ALL DIMENSIONS IN MILLIMETERS

TITLE			
DOUBLE CONVEX - 1			
DATE DEC 28, 2014	SCALE 1X	DRAWN BY P. REMIJAN	APPROVED BY
PROPERTY OF MBARI			
PROJECT 901209	DESIGN FILE 22T-7A	REVISIONS REVIEW	DWG NUMBER 901209-3

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DIRECT ALL FABRICATION QUESTIONS TO
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(413) 245-3996