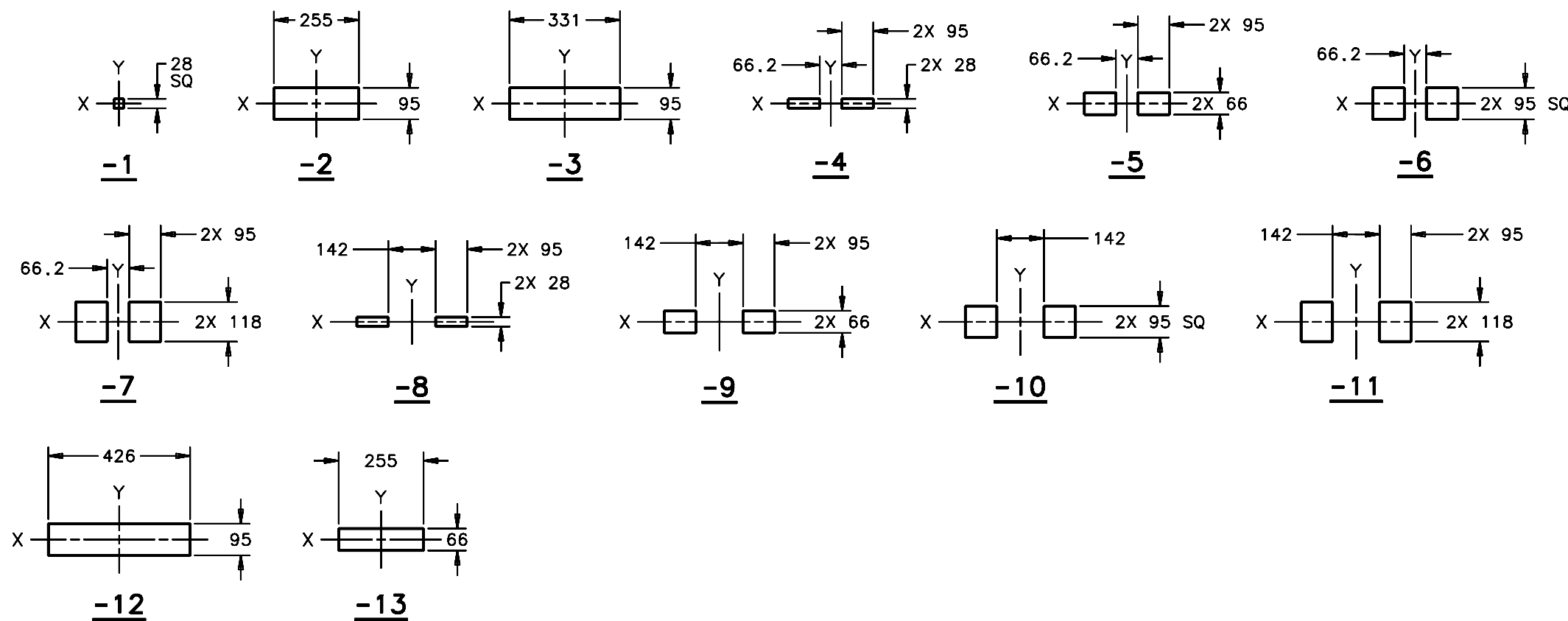


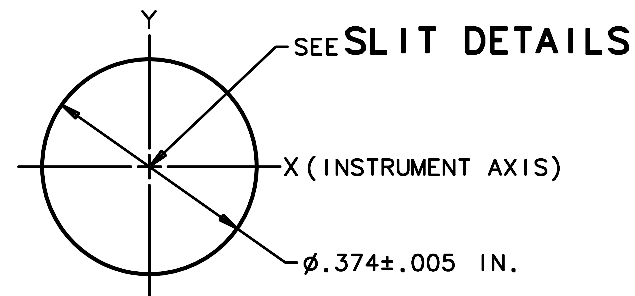
REVISIONS				
LTR	DESCRIPTION	DATE	REVISED BY	APPROVED
A	INITIAL RELEASE	3/16/04	R. NAGY	M. REED
B	MATL WAS 300 SERIES SST; REVISED NOTES; ADDED FLATNESS & PARALLELISM CALLOUTS; SLIT DIMS WERE ±5um	5/3/04	R. NAGY	M. REED
C	ADDED NEXT ASSEMBLY NUMBER 14234	10/6/04	R. ABALDO	M. REED
D	ADDED -12 & -13, NOTES 4 & 5	6/20/05	R. NAGY	M. REED



SLIT DETAILS

SCALE 120:1

1. ALL SLITS ARE THRU HOLES.
2. SINGLE & DOUBLE SLITS ARE TO BE CENTERED ON ALL AXES.
3. DOUBLE SLITS (-4 THRU -11) MUST BE PARALLEL TO EACH OTHER WITHIN ±3um.



- TELESCOPE OPTICAL AXIS
- TOP SURFACE REQUIREMENTS ONLY:
1. HIGHLY REFLECTIVE OPTICAL METAL MIRROR QUALITY.
 2. FLAT WITHIN ±1um.

-1 THRU -13
SCALE 6:1

NOTES:

1. ALL DIMENSIONS ARE IN MICROMETERS (um) WITH TOLERANCES OF ±3um UNLESS OTHERWISE SPECIFIED.
2. MATERIAL: BIMETAL; .005 IN. BERYLLIUM COPPER SUBSTRATE WITH NICKEL OVERLAY.
3. DEBURR EDGES.
4. FABRICATE AMOUNTS IN "TOTAL" COLUMN FOR 1st PURCHASE ORDER. THESE AMOUNTS WERE BASED ON REQUIREMENTS AS OF 6/16/05. SUBSEQUENT ORDER TOTALS MAY VARY & WILL BE SO NOTED BY STEWARD OBSERVATORY PURCHASING.
5. SUGGESTED SOURCE OF SUPPLY:
PHOTO SCIENCES
2542 W 237TH ST.
TORRANCE CA 90505
PHONE 310-784-7460

QTY	SPARES	TOTAL	PART NUMBER	PART DESCRIPTION
1	1	2	13689-13	SLIT PLATE-0.066 x 0.255mm SINGLE
1	1	2	13689-12	SLIT PLATE-0.095 x 0.426mm SINGLE
1	1	2	13689-11	SLIT PLATE-0.118 x 0.095mm DOUBLE x 0.142mm SPACING
2	1	3	13689-10	SLIT PLATE-0.095 x 0.095mm DOUBLE x 0.142mm SPACING
2	1	3	13689-9	SLIT PLATE-0.066 x 0.095mm DOUBLE x 0.142mm SPACING
1	1	2	13689-8	SLIT PLATE-0.028 x 0.095mm DOUBLE x 0.142mm SPACING
1	1	2	13689-7	SLIT PLATE-0.118 x 0.095mm DOUBLE x 0.0662mm SPACING
1	1	2	13689-6	SLIT PLATE-0.095 x 0.095mm DOUBLE x 0.0662mm SPACING
1	1	2	13689-5	SLIT PLATE-0.066 x 0.095mm DOUBLE x 0.0662mm SPACING
1	1	2	13689-4	SLIT PLATE-0.028 x 0.095mm DOUBLE x 0.0662mm SPACING
1	1	2	13689-3	SLIT PLATE-0.095 x 0.331mm SINGLE
1	1	2	13689-2	SLIT PLATE-0.095 x 0.255mm SINGLE
2	1	3	13689-1	SLIT PLATE-0.028 x 0.028mm SINGLE
4				

DO NOT SCALE DRAWING		THIS DRAWING CREATED IN:		Steward Observatory, University of Arizona	
INTERPRET DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-94		ACAD	MECH	IDEAS	933 N. Cherry Avenue, Tucson, AZ 85721 (520)621-7659
TOLERANCES UNLESS OTHERWISE SPECIFIED		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	DESIGNED BY: M. REED/D. DEAN DATE: 2/23/04 CATEGORY: MMT
LINEAR					DRAWN BY: R. NAGY 3/4/04 PROJECT: MAESTRO
ANGULAR					CHECKED BY: D. DEAN 3/16/04 TITLE: SLIT PLATE
.X = NA					APPROVED: M. REED 3/16/04
.XX = NA					APPROVED:
.XXX = NA					APPROVED:
DIAMETRICAL SEE SPEC S-002					APPROVED:
DIMENSIONS ARE IN INCHES / DIMENSIONS IN 1 ARE METRIC					APPROVED:
MATERIAL	14234	MMT			PLOT SIZE SCALE: D - DRAWING NUMBER: 13689 REVISION: D
	NEXT ASSY	USED ON			
FINISH NOTED	ASSEMBLY APPLICATION		CURRENT TIME/DATE/FILE LOCATION:		
			DRAWING ARCHIVE LOCATION: http://dovinc1.es.arizona.edu/ocod/default.html		SHEET 1 OF 1