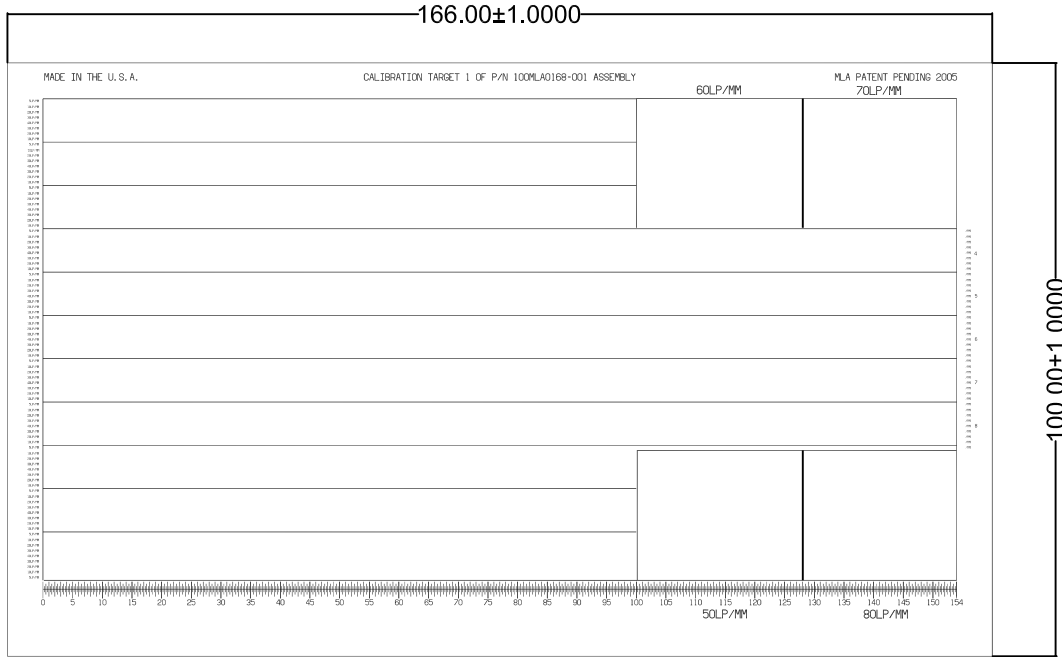


DATE	SYM	REVISION RECORD	AUTH	DR	CK

1.50



TARGET 1 PATTERN

NOTES

1. SUBSTRATE: 1.5mm THICK SODA LIME GLASS
FLATNESS .004"
2. COATING:
LOW REFLECTION CHROME OD>3.0
REFLECTIVITY < 5% AT 550nm
PATTERN IS ON THE FIRST SURFACE
RIGHT READING LOOKING AT
3. PATTERN:
OVERALL ACCURACY +.004mm/-.001mm (LINEAR SCALE)
LINE TO SPACE RATIO ±5% (RONCHI RULINGS)
4. SURFACE QUALITY:
SCRATCH/DIG EQUAL TO 40:20
5. CERTIFICATE OF ACCURACY PROVIDED
EACH PART INDIVIDUALLY SERIALIZED AND CERTIFIED
TRACEABLE TO NIST
6. PACKAGING:
TARGET KIT INCLUDES CUSTOM CARRYING CASE TO HOLD
GLASS TARGETS AND TARGET BASE
7. BEVEL: REMOVE SHARP EDGES

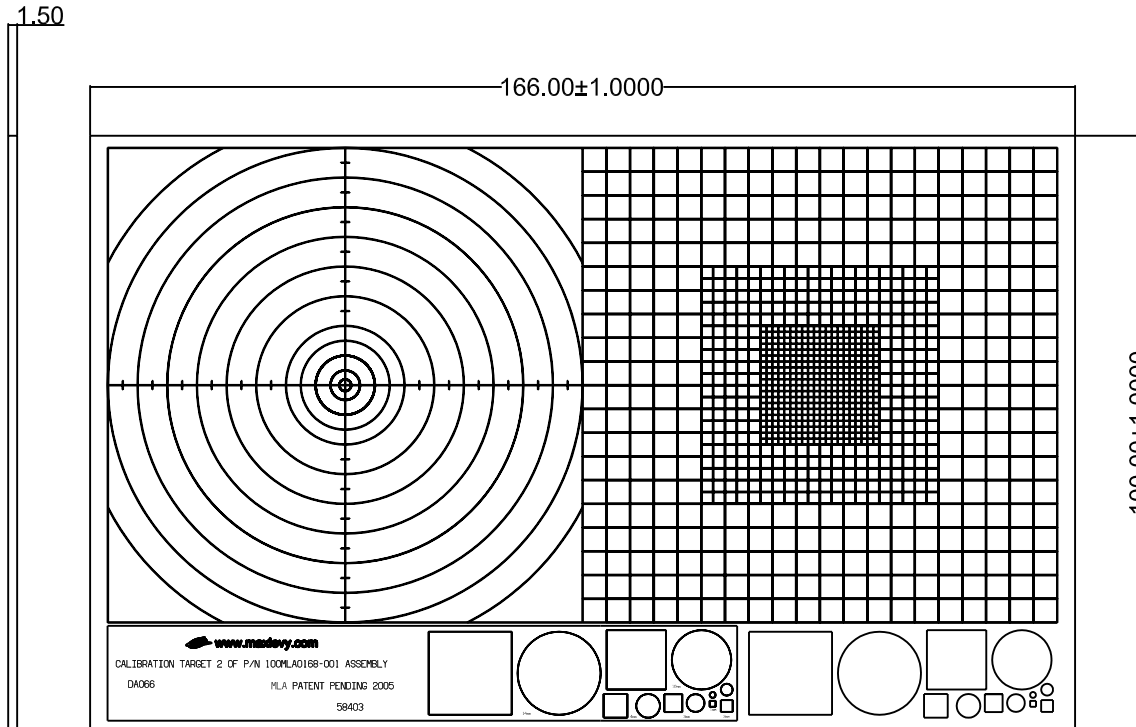
FEATURES

- 11 Groups of Variable Ronchi Rulings, each containing
5,10,20,30,40,30,20,10,5 LP/MM
Overall ruling width of the pattern is 81.2 mm
- Fixed Frequency Ronchi Rulings
50 lp/mm
60 lp/mm
70 lp/mm
80 lp/mm
- Linear Scale, 154mm in length
Line width .080mm
End to end accuracy +.004mm/-.001mm
Line to line accuracy ±.0003mm

NEXT ASSEMBLY 100MLA0168-001

TOLERANCES (EXCEPT AS NOTED)		MAX LEVY AUTOGRAPH			
DECIMAL .XXX= ±.005 .XX= ±.015 .X= ±.030	MATERIALS CHROME ON SODA LIME GLASS				
FRACTIONAL ±.030	TITLE DA066 .08X-4X MULTIFUNCTION TARGET 1				
ANGULAR ±0.5°	DATE 1/10/06	DRAWING NUMBER 300MLA0139-001			

DATE	SYM	REVISION RECORD	AUTH	DR	CK



NOTES

- SUBSTRATE: 1.5mm THICK SODA LIME GLASS
FLATNESS .004"
- COATING:
LOW REFLECTION CHROME OD>3.0
REFLECTIVITY < 5% AT 550nm
PATTERN IS ON THE FIRST SURFACE
RIGHT READING LOOKING AT
- PATTERN:
OVERALL ACCURACY +.004mm/-.001mm (LINEAR SCALE)
LINE TO SPACE RATIO ±5% (RONCHI RULINGS)
- SURFACE QUALITY:
SCRATCH/DIG EQUAL TO 40:20
- CERTIFICATE OF ACCURACY PROVIDED
EACH PART INDIVIDUALLY SERIALIZED AND CERTIFIED
TRACEABLE TO NIST
- PACKAGING:
TARGET KIT INCLUDES CUSTOM CARRYING CASE TO HOLD
GLASS TARGETS AND TARGET BASE
- BEVEL: REMOVE SHARP EDGES

TARGET 2 PATTERN

FEATURES

- Concentric Circles
Diameters 2,5,10,15,20,30,40,50,60,70,80
and partial 90 mm
Tick marks along axes at 2,5,10,15,20,25,30,
35,40,45,50,55,60,65,70,75,80 mm
Line width is .100mm for all circles and lines
- Square Grid
20mm Square Grid, 1mm Increments
40mm Square Grid, 2mm Increments
80mm Square Grid, 4mm Increments
All lines have width .100mm
- Calibration Features/ Blooming/ Lighting Setup
Positive and Negative Circles and Squares with
the following diameters and sides:
1,2,3,4,10, and 14mm

NEXT ASSEMBLY 100MLA0168-001

TOLERANCES (EXCEPT AS NOTED)		MAX LEVY AUTOGRAPH			
DECIMAL .XXX= ±.005 .XX= ±.015 .X= ±.030	MATERIALS CHROME ON OPAL GLASS	SCALE NONE	DRAWN BY DSM		
FRACTIONAL ±.030	TITLE DA066 .08X-4X MULTIFUNCTION TARGET 2				
ANGULAR ±0.5°	DATE 1/10/06	DRAWING NUMBER 300MLA0139-002			