

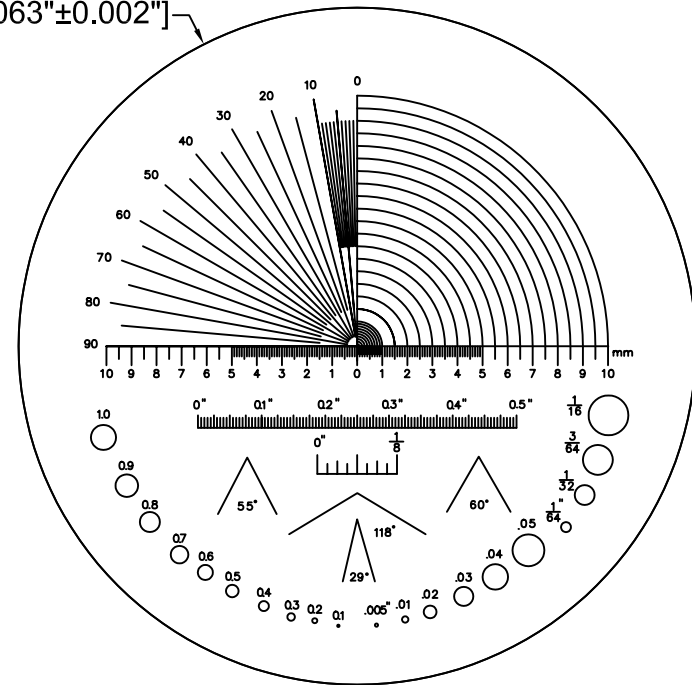
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	SYM	REVISION RECORD	AUTH	DR	CK
3/11/02	A	ADDED EDMUND P/N, PATTERN DIA. CHANGED TITLE	TEN		

2.28mm±0.127mm [0.090"±0.005"]

Ø27.00mm±0.050mm [Ø1.063"±0.002"]



NOTES:

0.90mm [0.04"] MAX

1. BEVEL: 0.9MM AT 45° MAX
2. SURFACE FLATNESS: 3-4 WAVES
3. SURFACE QUALITY: SCRATCH:DIG 20:10 OVER ACTIVE AREA
4. PARALLELISM: < 30 ARCSEC
5. PATTERN OVERALL DIMENSIONAL ACCURACY: 0.00004" (0.001MM)
6. PATTERN TO BE CENTERED ON SUBSTRATE ±0.004" (±0.10MM)
7. PATTERN LINEWIDTH IS 0.001" ±0.0001" (0.0254MM ±0.0025MM)
8. PATTERN ORIENTATION: RIGHT READING LOOKING THROUGH. PATTERN ON SAME SURFACE AS BEVEL.
9. COATING: LOW REFLECTION CHROMIUM FIRST SURFACE. CHROMIUM ADHESION LAYER WITH A TOP LAYER OF CHROMIUM OXIDE, OPTICAL DENSITY > 3.0. COATING DESIGNED TO PROVIDE REFLECTION < 5% @ 550 NM
10. PATTERN:
 - 3 HORIZONTAL SCALES: 20MM FIRST SCALE: 10-0-10 IN 0.5MM DIV., 5-0-5 IN 0.1MM DIV., AND 0-1 IN 0.05MM DIV., SECOND SCALE: 0-0.5" IN 0.005" DIV., THIRD SCALE: 0-1/8" IN 1/64"
 - 90° ANGLE SCALE IN 5° DIVISIONS, 0 TO 10° IN 1°. 90° ARCS 0-10 IN 0.5MM, 0-1 IN 0.1MM DIV.
 - ANGLE SCALES 29°, 55°, 60°, 118°
 - LEFT TEN CIRCLES 0.1 TO 1.0 IN 0.1MM DIV., RIGHT TEN CIRCLES FROM 0.005 TO 1/64" DIA.
11. ANGULAR ACCURACY: ±1 ARC SECOND
12. PACKAGING: BAG AND TAG PER 700MLA0060-001
13. PATTERN DIAMETER: 22.529MM

MLO PART NUMBER: AA021

EDMUND P/N: 30585

ONLINE CATALOG RD2055

TOLERANCES
(EXCEPT AS NOTED)

MAX LEVY AUTOGRAPH

DECIMAL
.XXX= +/-0.005
.XX= +/-0.015
.X= +/-0.030

MATERIAL
SODA LIME GLASS

SCALE
NONE

DRAWN BY
TEN
APPROVED BY

FRACTIONAL
+/-0.030

TITLE
ENGLISH/METRIC CIRCLE / SCALE / ANGLE
/ RADIUS GAUGE & PROTRACTOR

ANGULAR
+/-0.5Deg.

DATE
12-15-00

DRAWING NUMBER
300MLA0062A-003