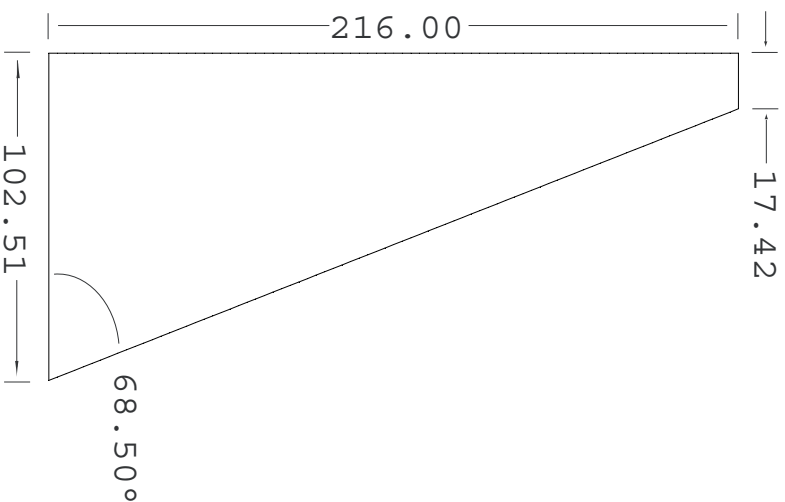


RADIUS	RAD TOL	IRR TOL	C.A. DIA
PLANO	0.10%	0.5 FR	210.00
PLANO	0.10%	0.5 FR	210.00

EDGE DIA	MATERIAL	THICK	THI TOL
216.00	PBM2	59.97	0.075

1. ALL DIMENSIONS IN MILLIMETERS
2. MATERIAL: PBM2, CUSTOMER-SUPPLIED AS A 243.0 MM D X 139.1 MM THK PLANO-PLANO DISK, TO BE CUT ON DIAGONAL INTO TWO PRISMS, THESE WILL CONTACT EACH OTHER TO FORM A SINGLE PRISM.
3. UNLESS OTHERWISE SPECIFIED, MIL-PRF-13830 APPLIES.
4. FRONT AND REAR SURFACES POLISHED. ALL OTHER SURFACES FINE GROUND UNLESS NOTED.
5. SURFACE SHAPES: PLANAR WITHIN +/- 0.5 FRINGE (HENE 633NM) CYLINDER, ANNULAR ZONES, ETC.
6. RADIIT TOLERANCES: TO WITHIN +/- 0.10% UNLESS OTHERWISE NOTED.
7. CONTACT SURFACES: MATCH TO +/- 5 FRINGE (HENE 633NM).
8. SURFACE FINISH: MICRORIPPLE 1 NM RMS OR BETTER. REPORT AND DOCUMENT MEASURED VALUES.
9. SURFACE QUALITY: 60-40.
10. O.D. AND A.T.: +/- 0.075 MM UNLESS OTHERWISE NOTED. REPORT TO +/- 0.010 MM.
11. CENTER/EDGE/FACE FLAT: +/- 0.013 MM MAXIMUM RUNOUT. REPORT MEASURED VALUE.
12. BEVELS: 1.0 MM FACE WIDTH AT 45 DEGREES.
13. GROUND SURFACES: 400 GRIT EQUIVALENT OR FINER.
14. ANGLES: +/- 0.05 DEGREES.



TITLE

PFS BENCH SPECTROGRAPH ELEMENT PFSPP2

DATE

JAN 5 2006

SCALE

1:2.5

DRAWN

J. CRANE

APPRV

S. SHECTMAN

PROJECT

PLANET FINDER SPECTROGRAPH

DRAWING

PFSPP2

REVISION

2