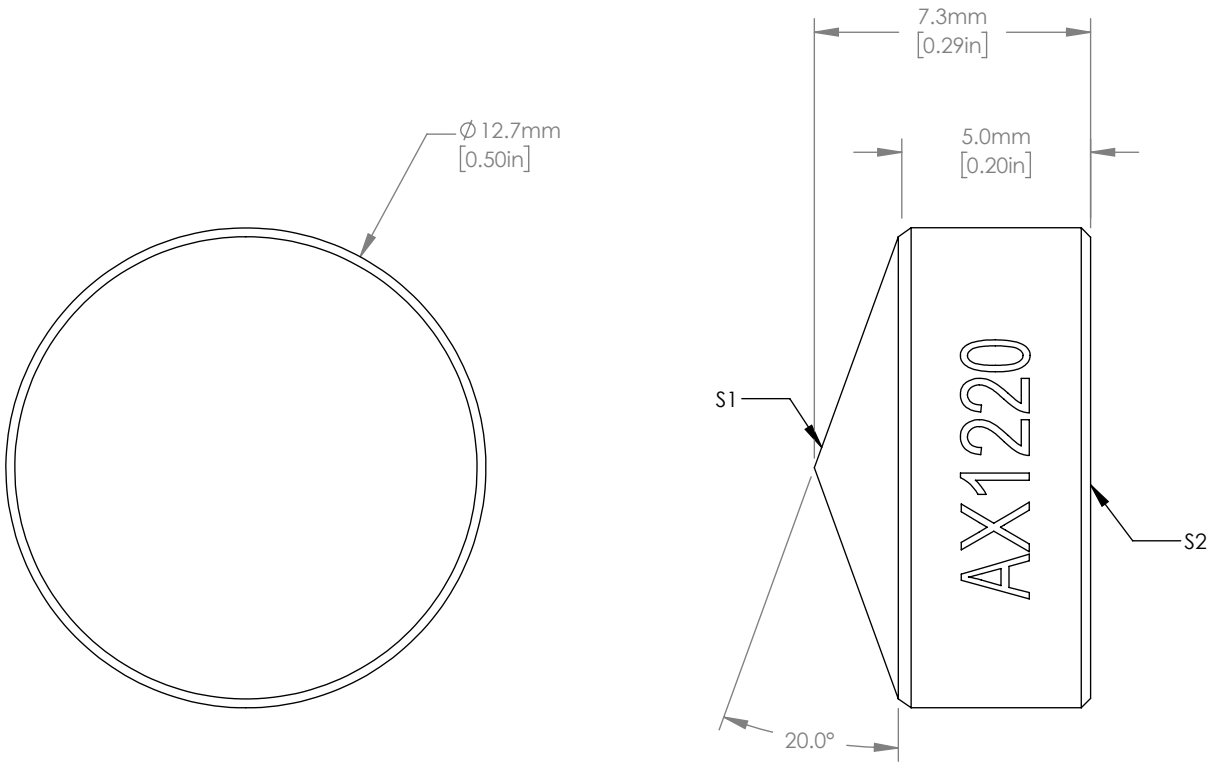




NOTES/SPECIFICATIONS:

1. DIAMETER TOLERANCE: +0.0/-0.1 mm
2. CENTER THICKNESS TOLERANCE: +0.1/-0.0 mm
3. ANGULAR TOLERANCE: ±0.01°
4. CLEAR APERTURE (S1,S2): > Ø11.43 mm
5. APEX ROUNDING (S1): < Ø1.5 mm
6. SURFACE QUALITY (S1,S2): 40-20 SCRATCH-DIG
7. SURFACE FLATNESS (S2): <λ/10 AT 633 nm
8. SURFACE DEVIATION (RMS)(S1): <0.05 µm
9. SURFACE ROUGHNESS (RMS)(S1): <6 Å

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	CA	12/FEB/19
APPROVAL	GG	15/FEB/19

COPYRIGHT © 2019 BY THORLABS

VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
www.thorlabs.com

Ø12.7 mm PRECISION AXICON, 20.0° ANGLE, UNCOATED

MATERIAL	REV
UV GRADE FUSED SILICA	A

ITEM #	APPROX WEIGHT
AX1220	2 g