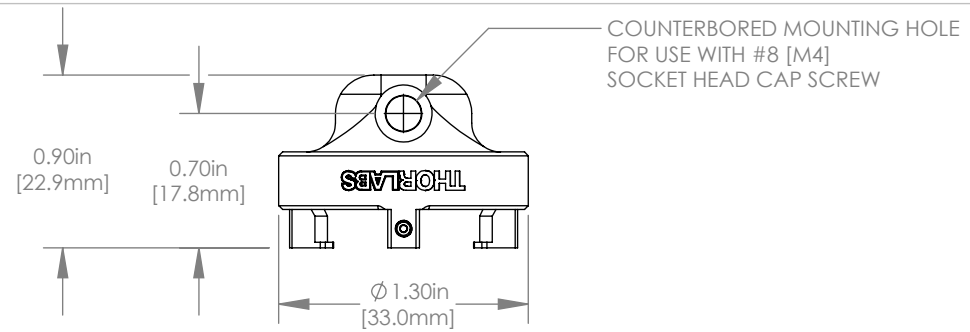
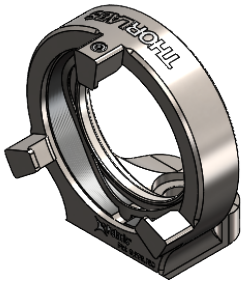
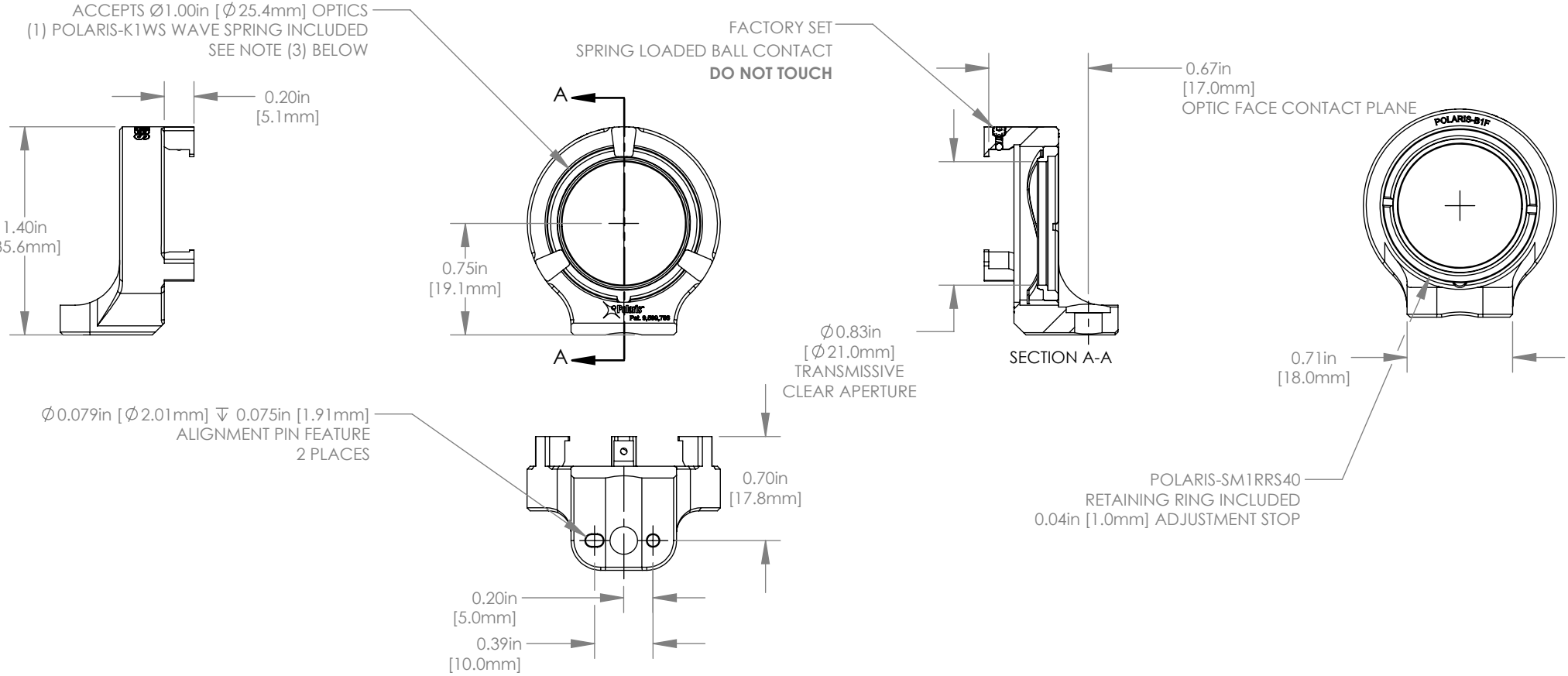






NOTES:

1) RECOMMENDED DOWEL PIN FOR ALIGNMENT PIN FEATURES IS A STANDARD Ø2mm DIN 7-m6 (ISO 2338) GROUND DOWEL PIN (Ø2.002 mm TO Ø2.008 mm).
2) FOR A Ø2mm x 5mm PIN, WE RECOMMEND Ø0.0791in TO Ø0.0796in x 0.185in +/- 0.005in DEEP HOLES BE MADE INTO THE MATING SURFACE FOR THE MOUNT. THE SEPARATION OF THE HOLES IN RELATION TO THE MOUNTING HOLE LOCATION SHOULD HAVE A TOLERANCE OF +/- 0.003in.
3) OPTIC BORE ACCEPTS Ø1.00in [Ø25.4mm] OPTICS. MAX THICKNESS AND CLEAR APERTURE VARIES AS FOLLOWS:
3.1) WITH POLARIS-K1WS & POLARIS-SM1RRS40: MAX OPTIC THICKNESS IS 0.32in [8.0mm], TRANSMISSIVE CLEAR APERTURE IS Ø0.83in [Ø21.0mm]
3.2) WITH POLARIS-SM1RR ONLY (SOLD SEPARATELY): MAX OPTIC THICKNESS IS 0.38in [9.7mm], TRANSMISSIVE CLEAR APERTURE IS Ø0.90in [Ø22.8mm].

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	GP	24/OCT/22
APPROVAL	BD	26/OCT/22

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
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POLARIS LOW-DISTORTION FIXED MOUNT FOR Ø1.0in OPTIC

MATERIAL	REV
STAINLESS STEEL	A

ITEM #	APPROX WEIGHT
POLARIS-B1F	0.03 kg