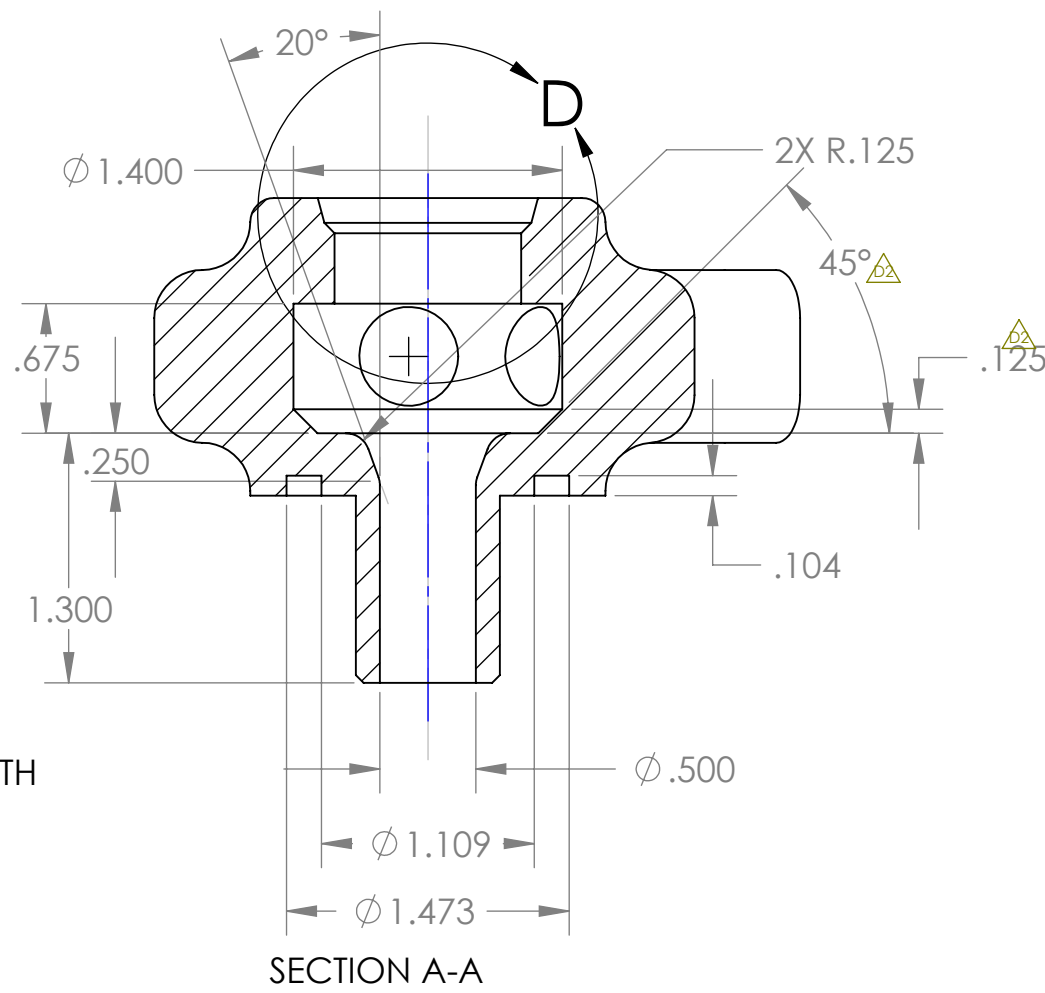
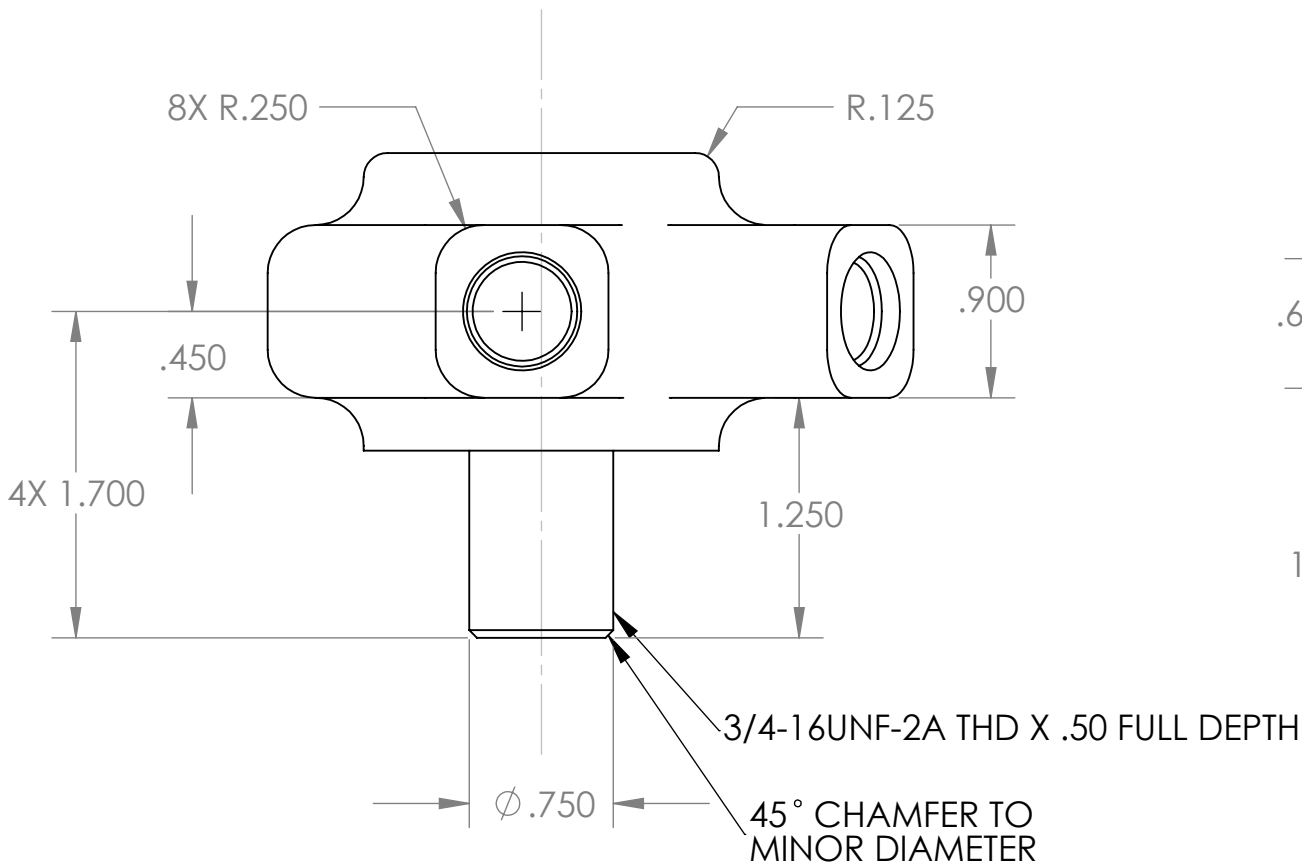
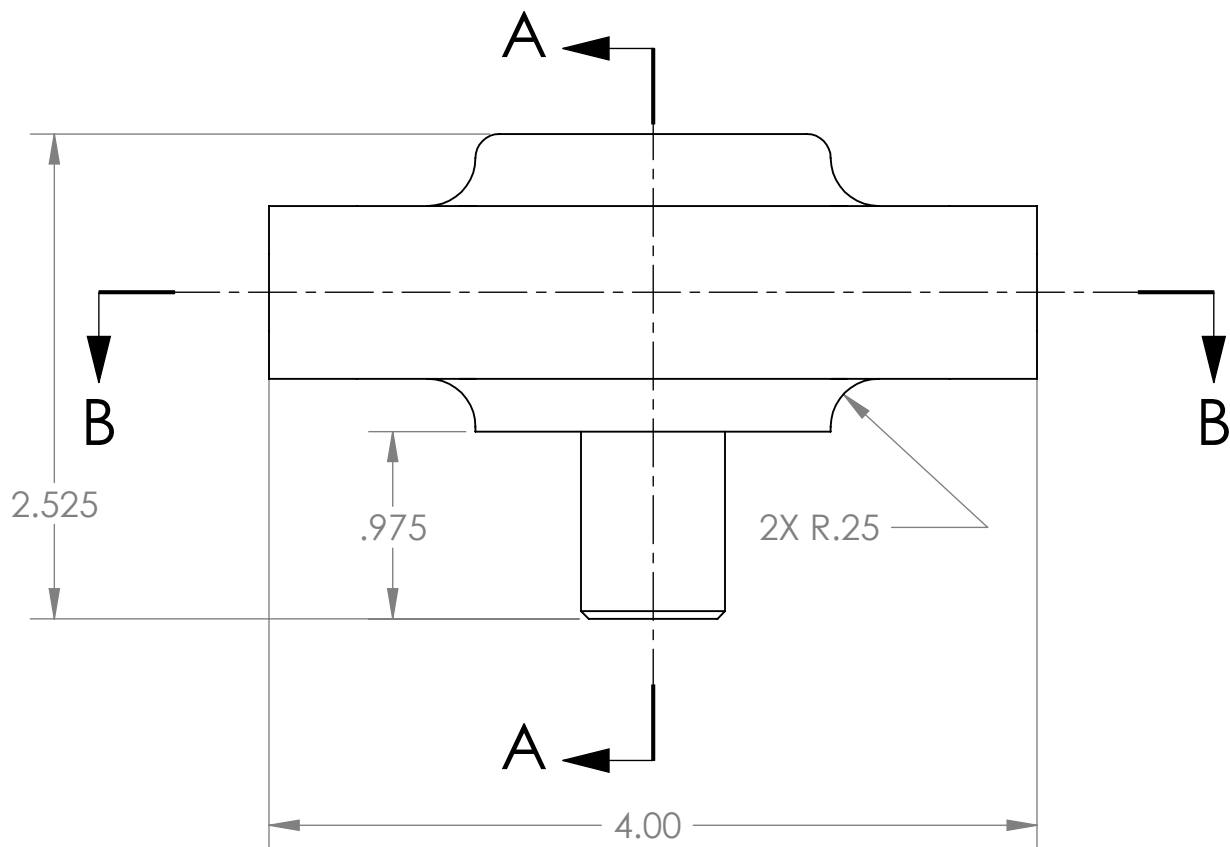
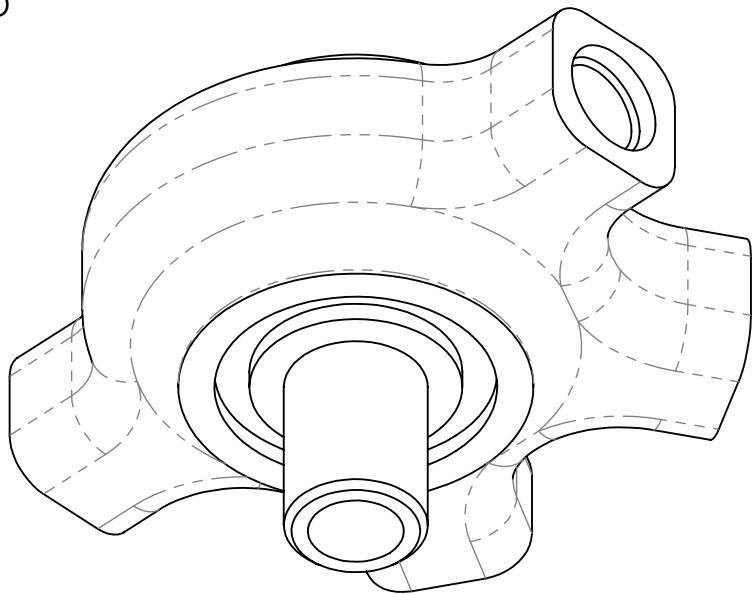
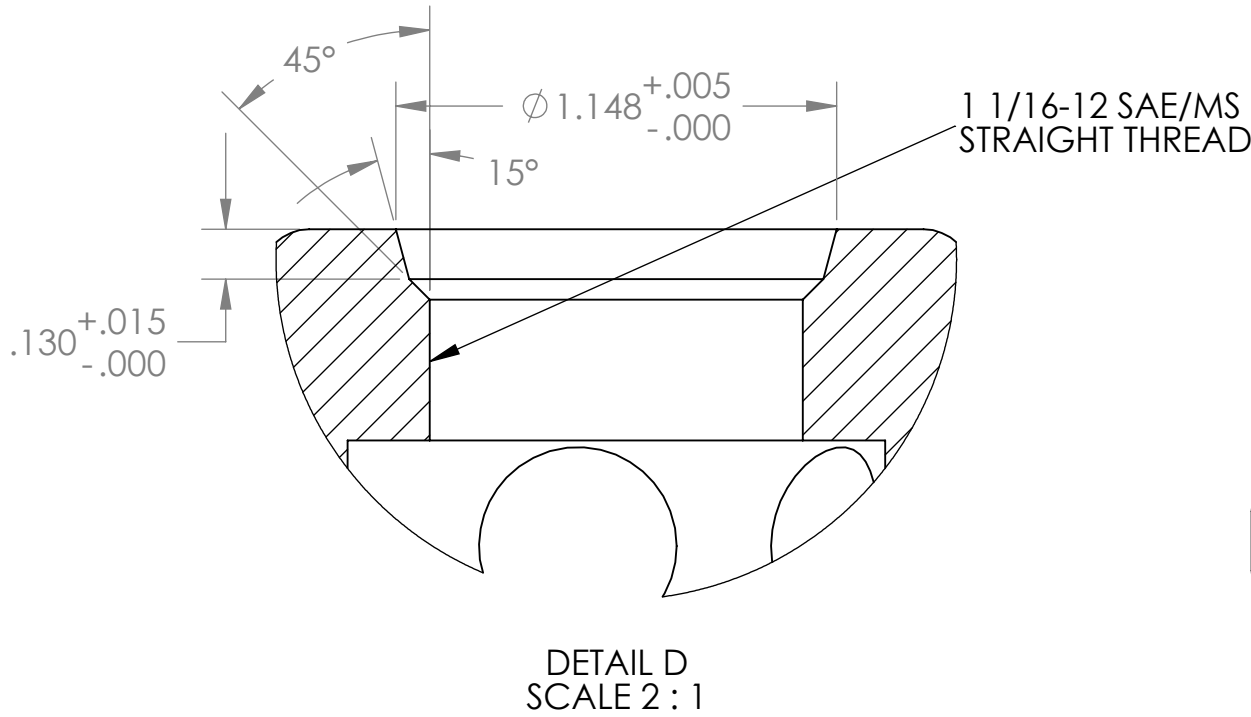
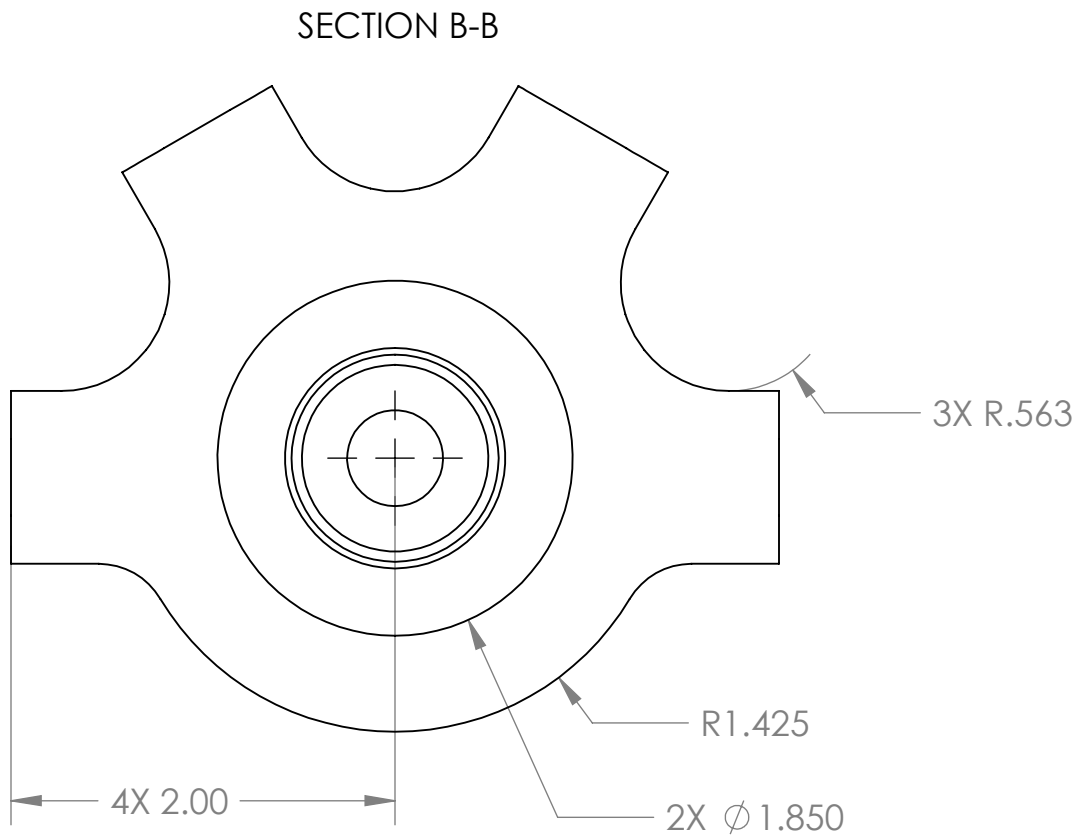
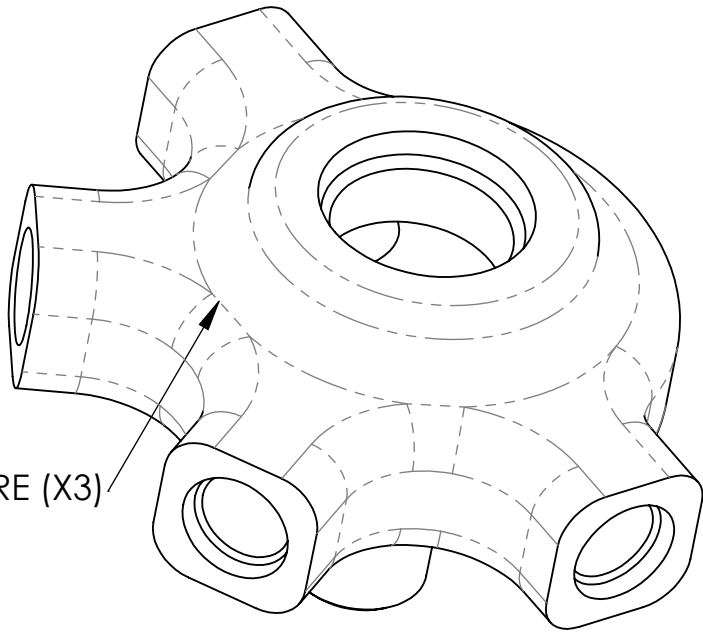
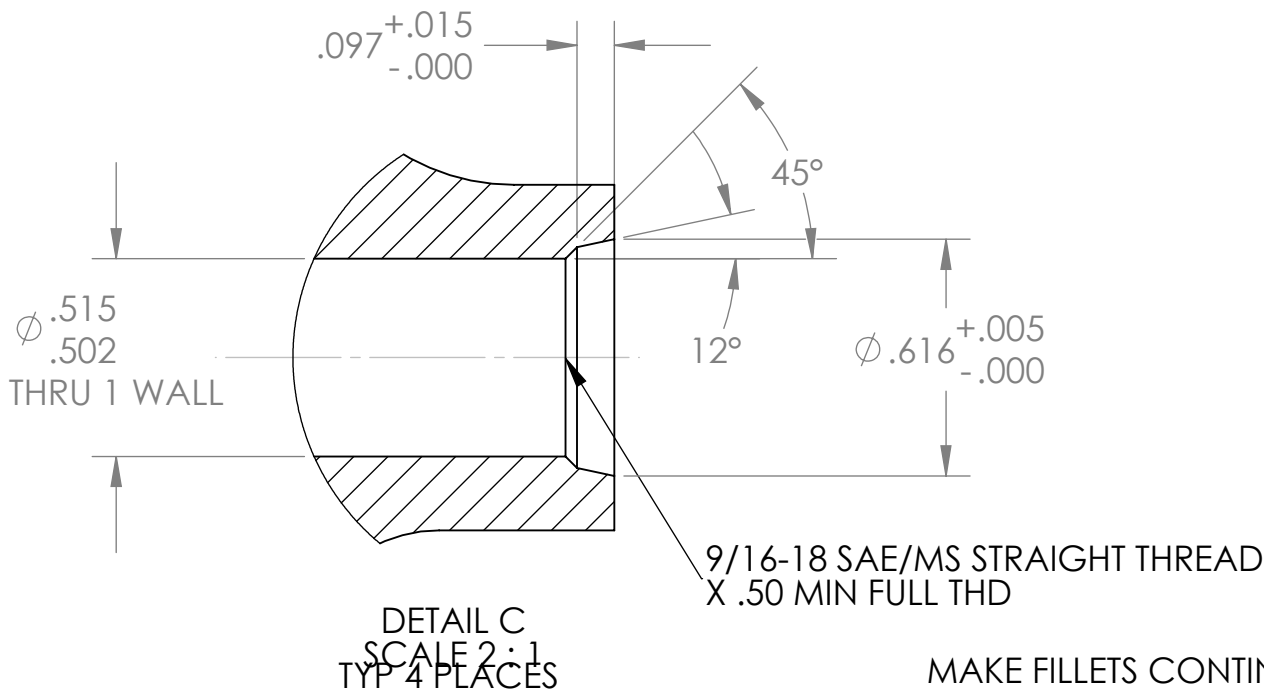
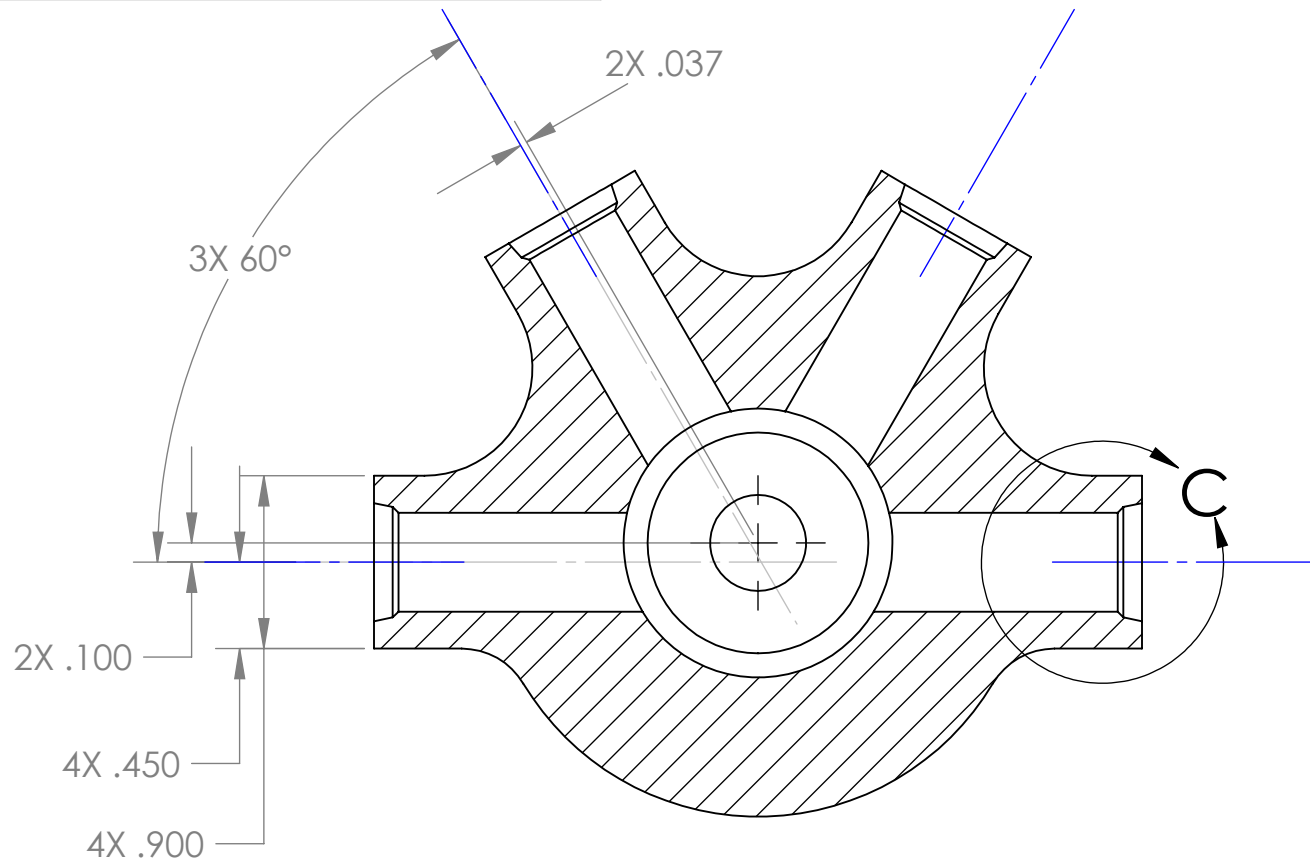


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REV.		DESCRIPTION	REVISIONS		DATE	APPROVED
		INITIAL RELEASE				
B		MODIFIED DIAMETER AND FILLET SIZES			1/3/03	
C		MODIFIED O-RING GLAND FOR PARKER 2-0216 O-RING			1/23/03	
		1. Change Material to 6Al-4V Titanium			10/09/03	F.Shane
		2. Change internal .19" radius to .125" chamfer				



NOTES (CONTINUED FROM TITLE BLOCK)

7. DIMENSIONS AND PROFILES OF EXTERNAL FILLETS ARE NOT CRITICAL

1		1		BODY, DGO PENETRATOR		101714				6Al-4V Titanium			
ITEM NO.		QTY		DESCRIPTION		PART NUMBER		VENDOR		MATERIAL			
BILL OF MATERIALS													
Shop / Q.C.				UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS		DATE		Monterey Bay Aquarium Research Institute			
Inspector				1. PLACE DIM. 1/16" 1/32" 1/64" 1/8" 1/4" 1/2" 3/4" 1" 2" 3" 4" 6" 8" 12" 18" 24" 36" 48" 60" 72" 96" 120" 144" 168" 192" 216" 240" 264" 288" 312" 336" 360" 384" 408" 432" 456" 480" 504" 528" 552" 576" 600" 624" 648" 672" 696" 720" 744" 768" 792" 816" 840" 864" 888" 912" 936" 960" 984" 1008" 1032" 1056" 1080" 1104" 1128" 1152" 1176" 1200" 1224" 1248" 1272" 1296" 1320" 1344" 1368" 1392" 1416" 1440" 1464" 1488" 1512" 1536" 1560" 1584" 1608" 1632" 1656" 1680" 1704" 1728" 1752" 1776" 1800" 1824" 1848" 1872" 1896" 1920" 1944" 1968" 1992" 2016" 2040" 2064" 2088" 2112" 2136" 2160" 2184" 2208" 2232" 2256" 2280" 2304" 2328" 2352" 2376" 2400" 2424" 2448" 2472" 2496" 2520" 2544" 2568" 2592" 2616" 2640" 2664" 2688" 2712" 2736" 2760" 2784" 2808" 2832" 2856" 2880" 2904" 2928" 2952" 2976" 3000" 3024" 3048" 3072" 3096" 3120" 3144" 3168" 3192" 3216" 3240" 3264" 3288" 3312" 3336" 3360" 3384" 3408" 3432" 3456" 3480" 3504" 3528" 3552" 3576" 3600" 3624" 3648" 3672" 3696" 3720" 3744" 3768" 3792" 3816" 3840" 3864" 3888" 3912" 3936" 3960" 3984" 4008" 4032" 4056" 4080" 4104" 4128" 4152" 4176" 4200" 4224" 4248" 4272" 4296" 4320" 4344" 4368" 4392" 4416" 4440" 4464" 4488" 4512" 4536" 4560" 4584" 4608" 4632" 4656" 4680" 4704" 4728" 4752" 4776" 4800" 4824" 4848" 4872" 4896" 4920" 4944" 4968" 4992" 5016" 5040" 5064" 5088" 5112" 5136" 5160" 5184" 5208" 5232" 5256" 5280" 5304" 5328" 5352" 5376" 5400" 5424" 5448" 5472" 5496" 5520" 5544" 5568" 5592" 5616" 5640" 5664" 5688" 5712" 5736" 5760" 5784" 5808" 5832" 5856" 5880" 5904" 5928" 5952" 5976" 6000" 6024" 6048" 6072" 6096" 6120" 6144" 6168" 6192" 6216" 6240" 6264" 6288" 6312" 6336" 6360" 6384" 6408" 6432" 6456" 6480" 6504" 6528" 6552" 6576" 6600" 6624" 6648" 6672" 6696" 6720" 6744" 6768" 6792" 6816" 6840" 6864" 6888" 6912" 6936" 6960" 6984" 7008" 7032" 7056" 7080" 7104" 7128" 7152" 7176" 7200" 7224" 7248" 7272" 7296" 7320" 7344" 7368" 7392" 7416" 7440" 7464" 7488" 7512" 7536" 7560" 7584" 7608" 7632" 7656" 7680" 7704" 7728" 7752" 7776" 7800" 7824" 7848" 7872" 7896" 7920" 7944" 7968" 7992" 8016" 8040" 8064" 8088" 8112" 8136" 8160" 8184" 8208" 8232" 8256" 8280" 8304" 8328" 8352" 8376" 8400" 8424" 8448" 8472" 8496" 8520" 8544" 8568" 8592" 8616" 8640" 8664" 8688" 8712" 8736" 8760" 8784" 8808" 8832" 8856" 8880" 8904" 8928" 8952" 8976" 9000" 9024" 9048" 9072" 9096" 9120" 9144" 9168" 9192" 9216" 9240" 9264" 9288" 9312" 9336" 9360" 9384" 9408" 9432" 9456" 9480" 9504" 9528" 9552" 9576" 9600" 9624" 9648" 9672" 9696" 9720" 9744" 9768" 9792" 9816" 9840" 9864" 9888" 9912" 9936" 9960" 9984" 10000		2. DIMENSIONS ARE IN INCHES.		DRAWN		12/20/02		MBARI	
Shop Foreman				2. DIMENSION UNITS: HOLE AFTER PLATING.		C YOKOTA				7700 Sandholdt Rd.			
Engineer				3. REMOVE BURRS AND SHARP EDGES .015 MAX.		ENGINEER		12/20/02		Moss Landing, CA 95039			
				4. MACHINED FILLET RADIUS .015-.030.		CHECKED				PH: (831) 775-1700			
NEXT ASSY Description		NEXT ASSY Number		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .002		PROJECT NO.		600024		BODY, DGO PENETRATOR			
				6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH; MAX .012 INCHES FOR SINGLE SURFACE.		PROJECT Name		DORADO		SIZE C			
APPLICATION				DO NOT SCALE DRAWING		WEIGHT		1.90 LB		DWG. NO. 1001714DWG			
						SCALE		CAD FILE:		REV.			
										SHEET 1 OF 1			