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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

SPANNER HOLES
 $\phi .34 \nabla .35$
3.500 B.C.,
QTY 2, EQ SPC

#4-40 TAP $\nabla .22$
DRILL $\nabla .30$
1.580 B.C.
QTY 6, EQ SPC

SAE #4 PORT WITH
C-BORE FOR #8 SHCS
 $\phi .177$ THRU
 $\phi .31 \nabla .71$
2.500 B.C.
QTY 3, EQ SPC

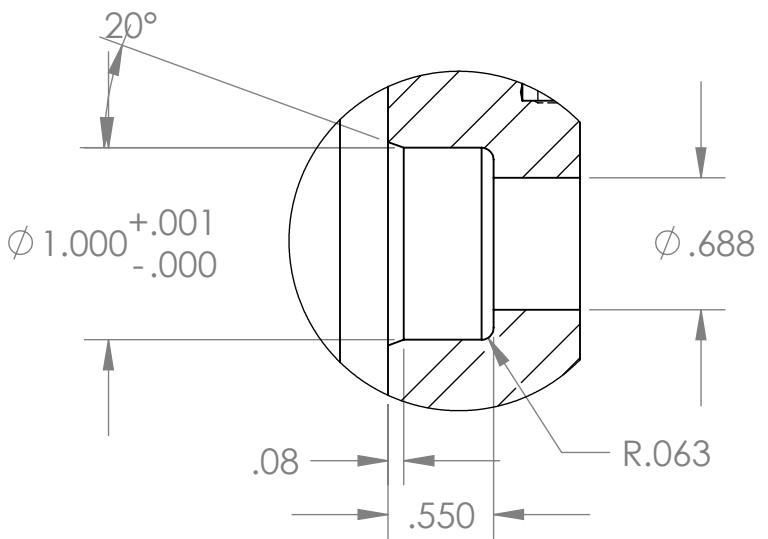
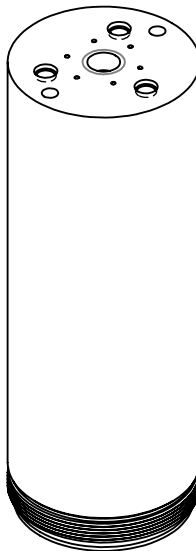
4-12 UN CLASS 2A STR THREAD
6 FULL THREADS

SECTION A-A

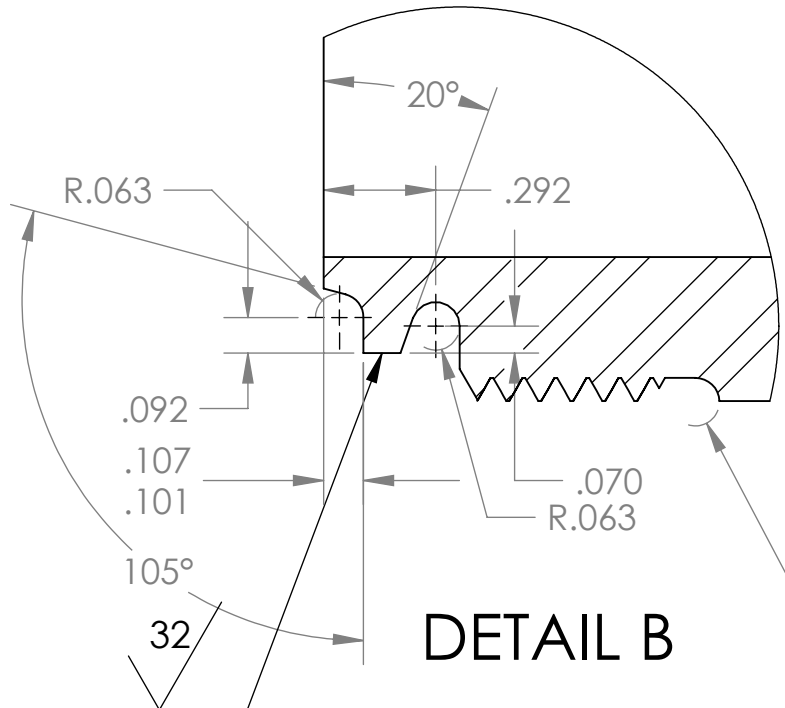
$\phi 3.750^{+.002}_{-.000}$ ($\phi 3.25$)

$.375^{+.010}_{-.000}$

R.25



DETAIL C



DETAIL B

- Notes:
- 17-4 PH 1150 Stainless steel
 - Design pressure is 5885 psi for this piece
 - 238 O-Ring

BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS
Inspector		1 PLACE DIM $\pm 1/16$	DATE
Shop Foreman		2 PLACE DIM $\pm .02$	DRAWN PARGETT 7/8/2008
Engineer		3 PLACE DIM $\pm .005$	ENGINEER PARGETT 7/8/2008
NEXT ASSY Description	NEXT ASSY Number	ANGLES $\pm 1^\circ$	CHECKED
Application		1. DIMENSIONS ARE IN INCHES	PROJECT NO. 703506
		2. DIMENSION LIMITS HELD AFTER PLATING.	PROJECT ASTEP-ESP
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.	WEIGHT
		4. MACHINED FILLET RADII .0150-.030.	SCALE
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005	CAD FILE: MECH ENG ON TORNADO
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.	SHEET 1 OF 1
DO NOT SCALE DRAWING		Monterey Bay Aquarium Research Institute	
		MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
		4km DWSM HP PUMP MOTOR PRESSURE VESSEL	
		SIZE B	REV.
		DWG. NO. P-200565-08	