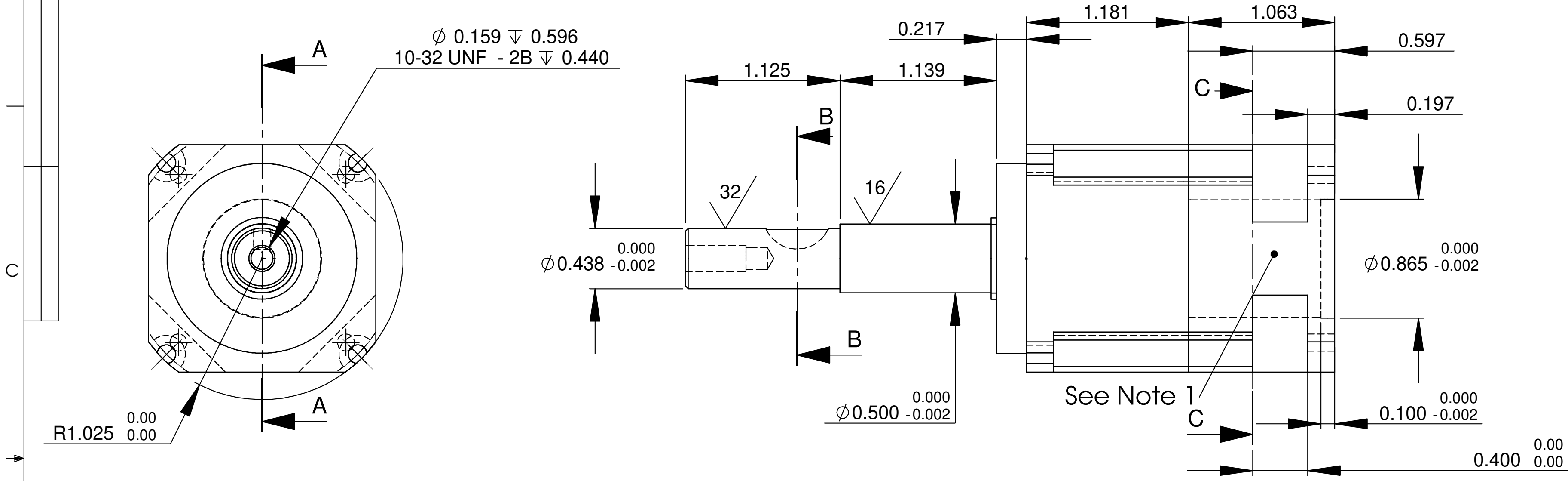
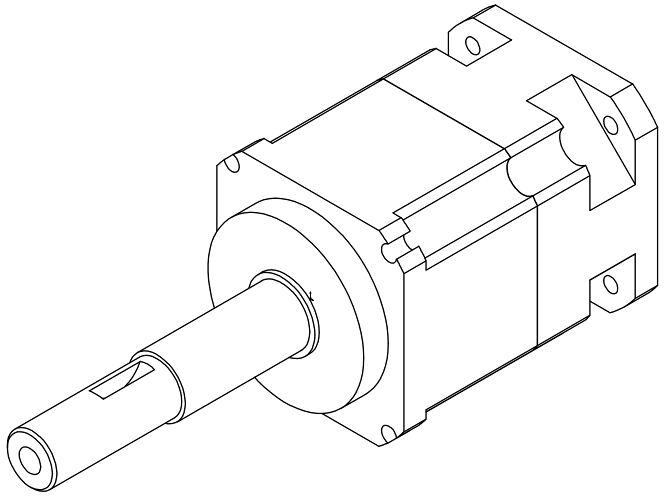
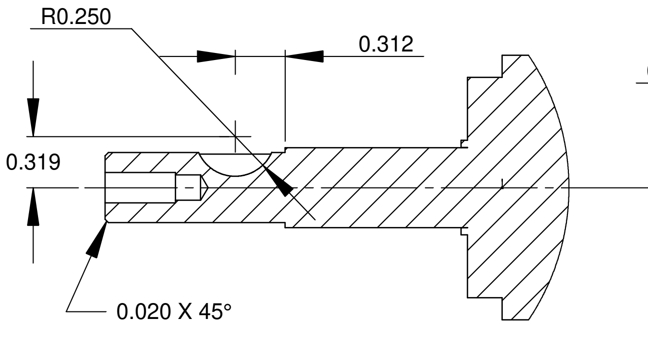
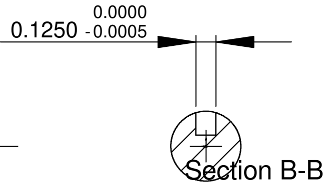
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



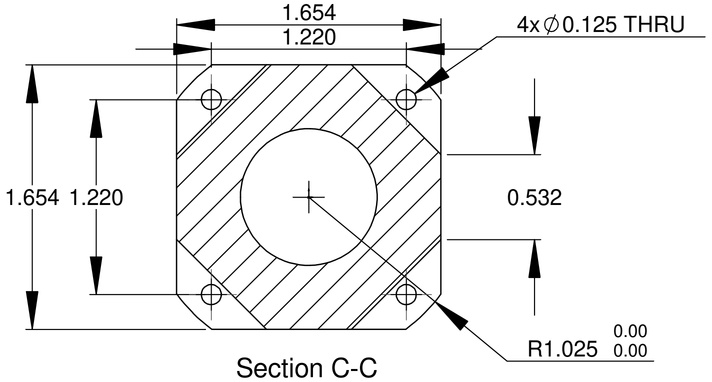




Section A-A



Section B-B



Section C-C

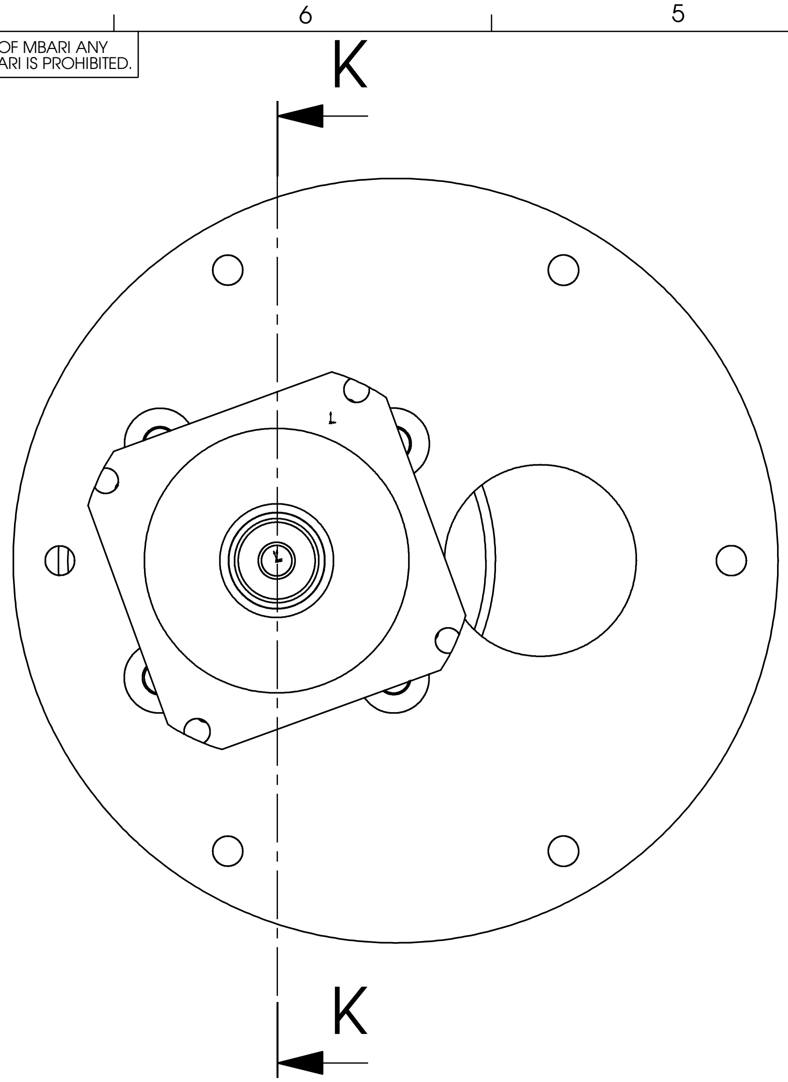
Notes:
1)Motor shaft protrudes .75 in max into adapter
2)Gearbox shall be provided w/o lubrication
3)Gearbox shall have no rear seal
4)Adapter shall accept .25 in diameter shaft

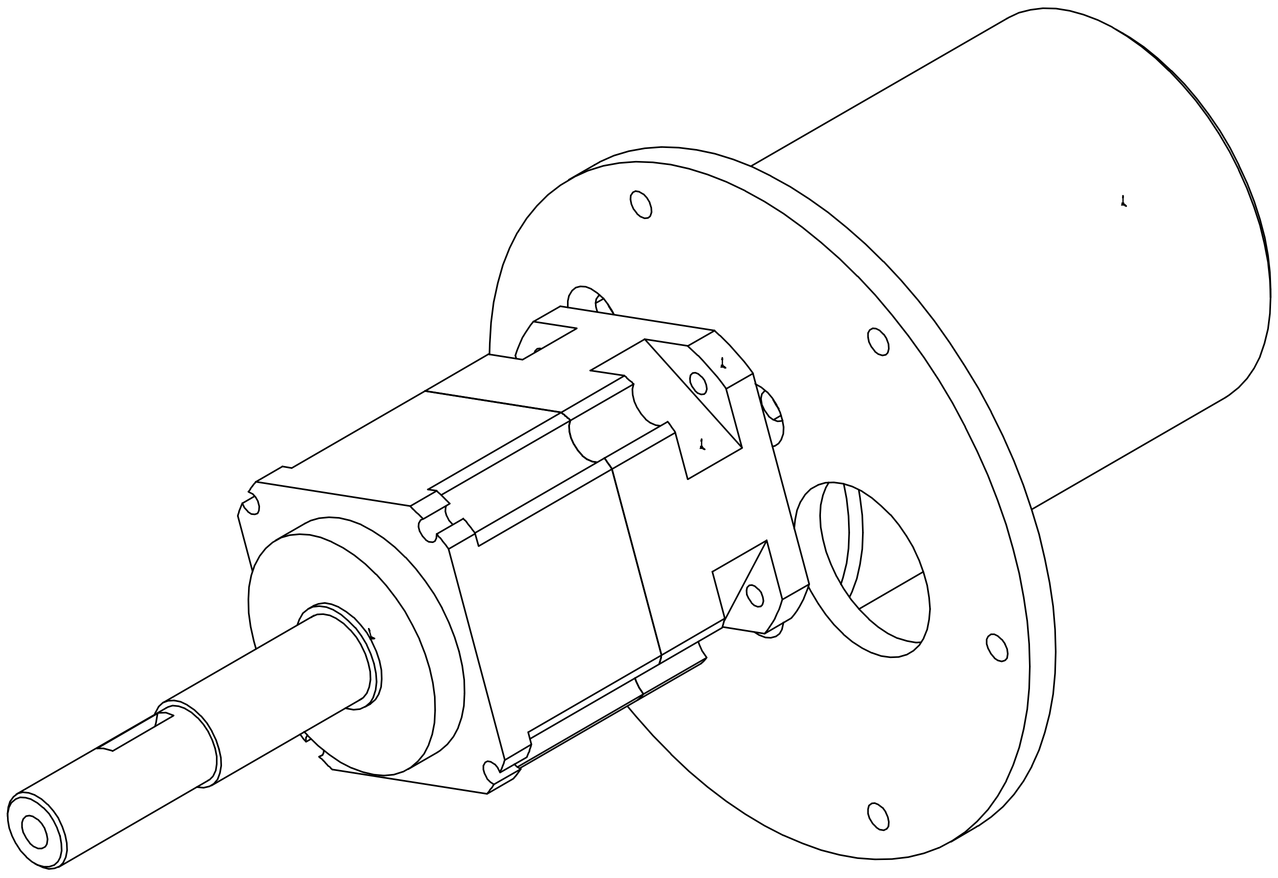
BILL OF MATERIALS

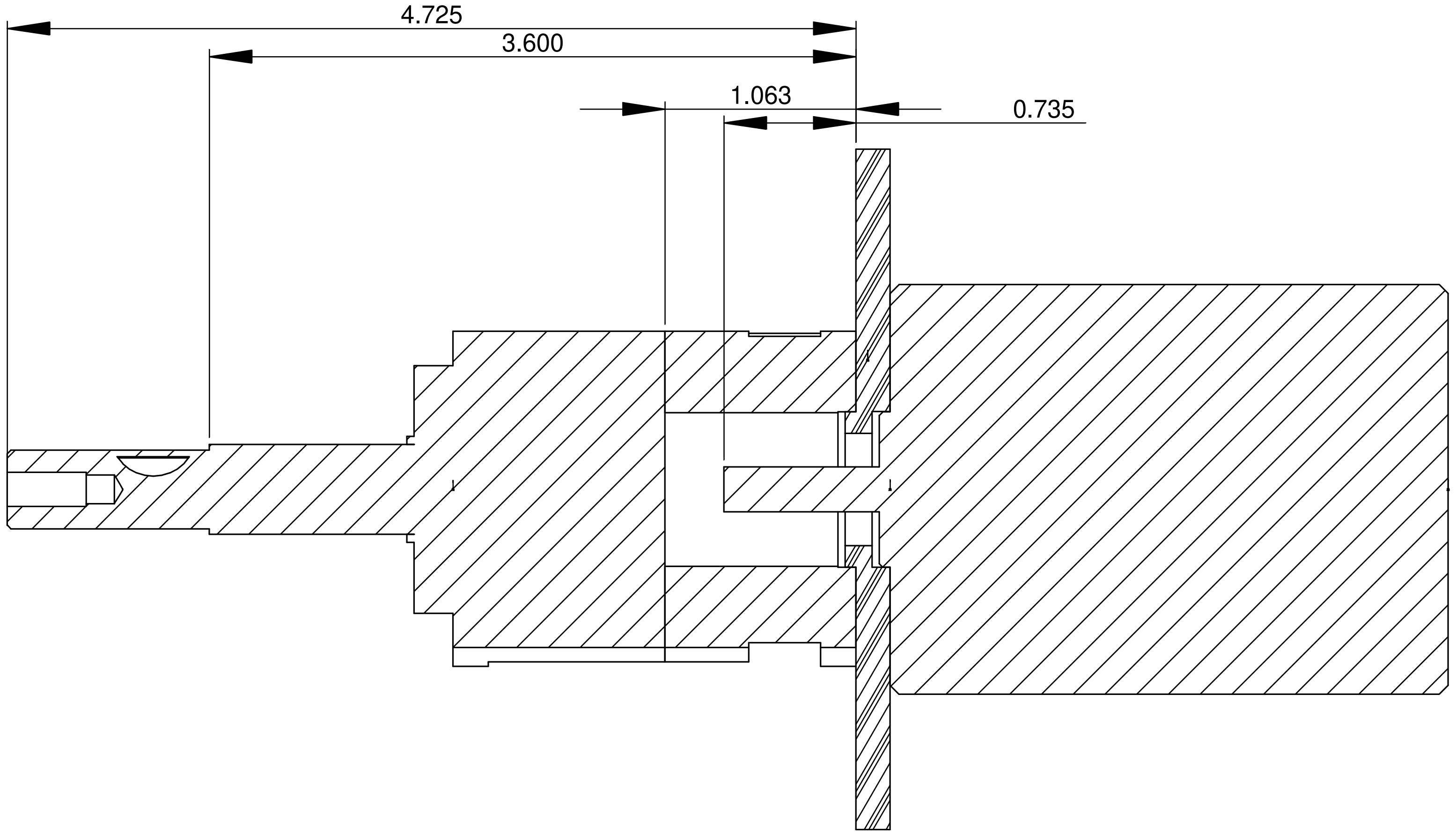
Shop / Q.C.	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS DATE	**Monterey Bay Aquarium Research Institute**
Inspector	1 PLACE DIM ±1/16 2 PLACE DIM ±.02 3 PLACE DIM ±.005 ANGLES ±1°	DRAWN NAME 9/27/00	**MBARI** **7700 Sandholdt RD.** **Moss Landing, CA 95039** **PH: (831) 775-1700**
Shop Foreman	1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX.	ENGINEER NAME 9/27/00	
Engineer	4. MACHINED FILLET RADII .0150-.030.	CHECKED	
NEXT ASSY Description / NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .OO5 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.	PROJECT NO. XXX PROJECT ZZZZZZZZ	PS40 Gearhead Shaft Modifications
			SIZE B DWG. NO. 1001799 REV.
Application	DO NOT SCALE DRAWING	WEIGHT	SCALE 1:1 CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 2

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		







BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS	DATE
Inspector		1 PLACE DIM ±1/16 · 2 PLACE DIM ±.02 · 3 PLACE DIM ±.005 · ANGLES ±1°	DRAWN NAME	9/27/00
Shop Foreman			ENGINEER NAME	9/27/00
Engineer			CHECKED	
NEXT ASSY Description	NEXT ASSY Number		PROJECT NO. XXX	
			PROJECT ZZZZZZZZ	
Application		DO NOT SCALE DRAWING	WEIGHT	

1. DIMENSIONS ARE IN INCHES
2. DIMENSION LIMITS HELD AFTER PLATING.
3. REMOVE BURRS AND SHARP EDGES .015 MAX.
4. MACHINED FILLET RADII .0150-.030.
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .OO5
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.

Monterey Bay Aquarium Research Institute

MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700

PS40 Gearhead Mounting Details

SIZE B
DWG. NO. 1001799DWG
REV.
SCALE 1:1
CAD FILE: MECH ENG ON TORNADO
SHEET 2 OF 2