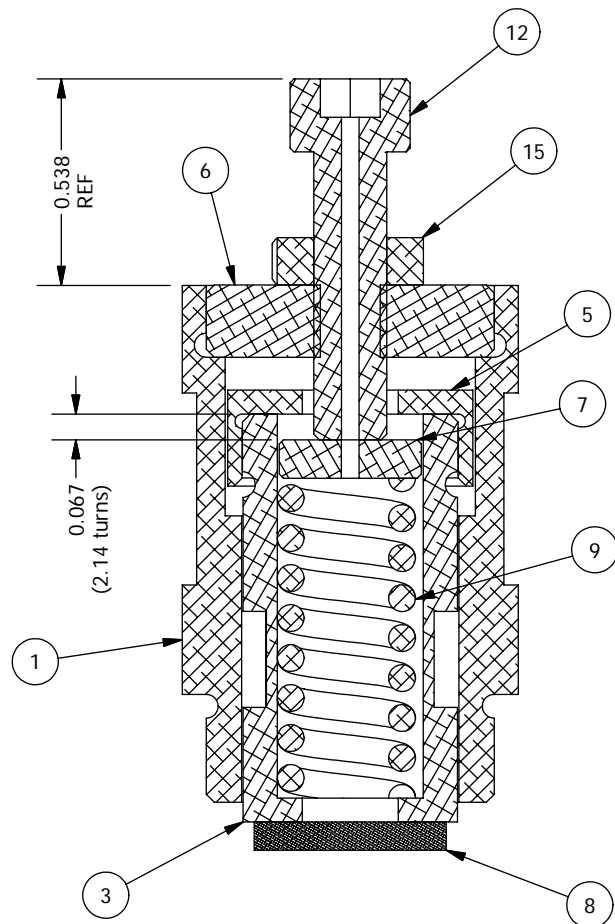
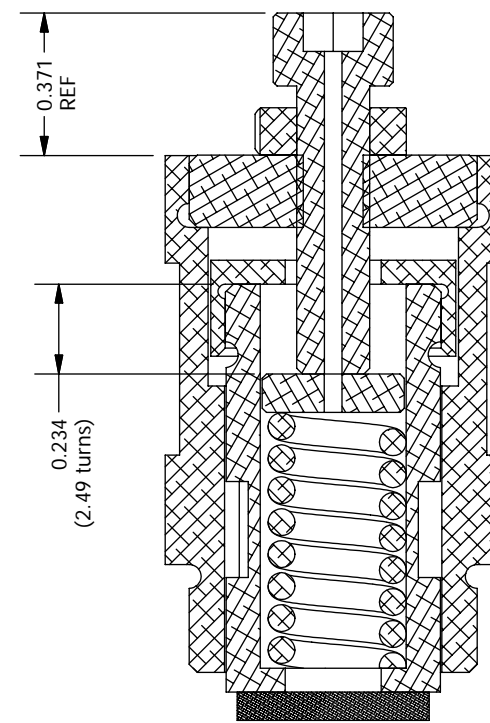


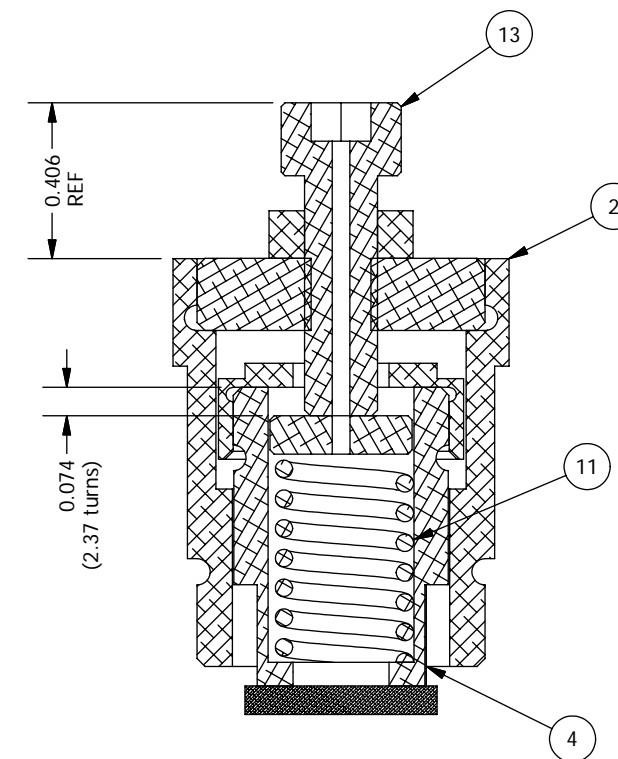
PFS00006
Prism Axial Spring Plunger
Assembly
(2 required)



PFS00007
Grating Lateral Spring Plunger
Assembly
(2 required)



PFS00008
Grating Longitudinal Spring
Plunger Assembly
(1 required; same as PFS00007
except adjustment)



PFS00009
Grating Axial Spring Plunger
Assembly
(4 required)

NOTES

1. Compliant pads consist of $\varnothing 0.50 \times 1/16$ " thk silicone rubber (MCM8632K42) between UHMW polyethylene tape (MCM76445A12) and silicone/acrylic double-coated tape (MCM77215A13). Adhere double stick tape to aluminum parts. UHMW contacts glass. Total estimated thickness 0.074.

ITEM	QTY	DESCRIPTION	PART NUMBER	ITEM	QTY	DESCRIPTION	PART NUMBER
15	9	Hex Nut 10-32 UNF	-	7	9	Plunger Spring Disk	PFS11032
14	2	Set Screw 10-32x0.75 UNF	-	6	9	Grating Plunger Body Cap	PFS11031
13	4	SHCS 10-32x0.625 UNF vented	-	5	9	Grating Plunger Piston Cap	PFS11030
12	5	SHCS 10-32x0.75 UNF vented	-	4	4	Grating Plunger Piston, Short	PFS11029
11	4	Compression Spring MCM9434K82	-	3	5	Grating Plunger Piston, Long	PFS11028
10	2	Die Spring MCM9296K11	-	2	4	Grating Plunger Body, Short	PFS11027
9	3	Die Spring Dayton MH37-100	-	1	5	Grating Plunger Body, Long	PFS11026
8	9	Compliant Pad (see note)	-				
Parts List				Parts List			

**THE OBSERVATORIES
OF THE CARNEGIE INSTITUTION OF WASHINGTON**
813 Santa Barbara Street
Pasadena, CA 91101

MATERIAL		UNLESS OTHERWISE SPECIFIED FRACTIONAL DECIMAL ANGULAR +/- 1/32 .XX +/- 0.01 +/- 0.1 DEG .XXX +/- 0.002 GOAL .XXX +/- 0.005 REQD BREAK SHARP EDGES MACHINED SURFACES 125	
EST WEIGHT			
SCALE		2:1	
DWN CRANE 4/20/2006		P lanet F nder S pectrograph	
APVD BY DATE		Spring Plunger Assembly	
SHEET B	DRAWING NUMBER PFS00006-9	SHT 1 OF 1	REV