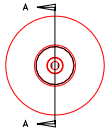
NOTES: UNLESS OTHERWISE NOTED

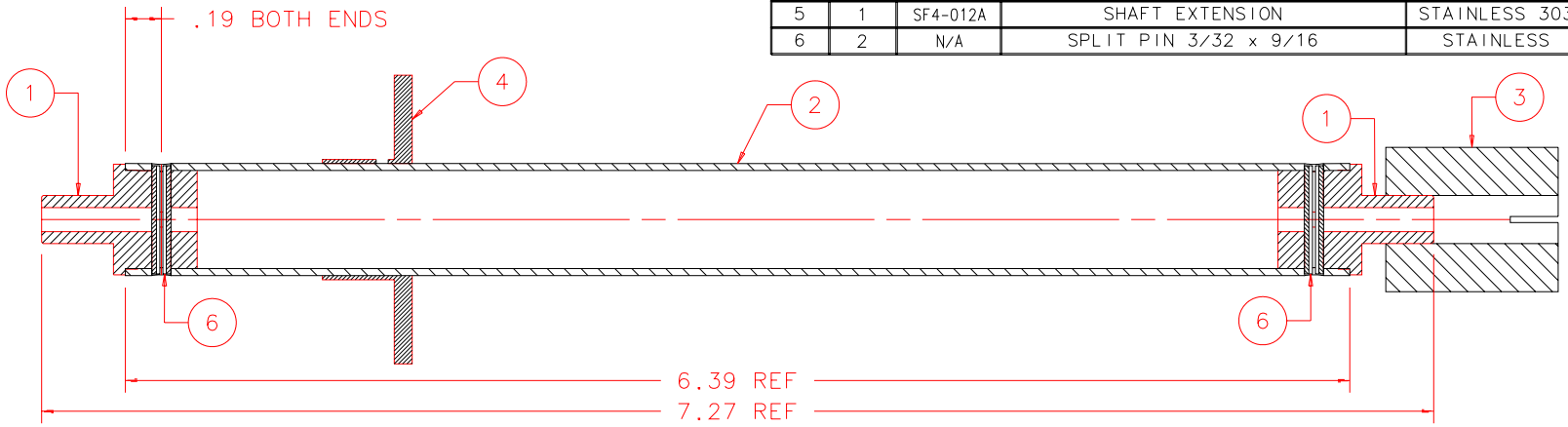
1. MACHINED SURFACE ROUGHNESS 64
   O-RING GROOVES AND SURFACES 32
2. REMOVE ALL BURRS/SHARP CORNERS

BILL OF MATERIAL

NO.	REQ'D	REF DRW	DESCRIPTION	MATERIAL
N/A	1	SF4-001A	G-10 DRIVE	N/A
1	2	SP0-013A	END TRIM	ALU 6061-T6
2	1	SF4-011A	G-10 TUBE	G-10
3	1	N/A	HELICAL COUPLING ACR075-8-8	ALU
4	1	SP0-023A	LIGHT BAFFLE	ALU 6061-T6
5	1	SF4-012A	SHAFT EXTENSION	STAINLESS 303
6	2	N/A	SPLIT PIN 3/32 x 9/16	STAINLESS



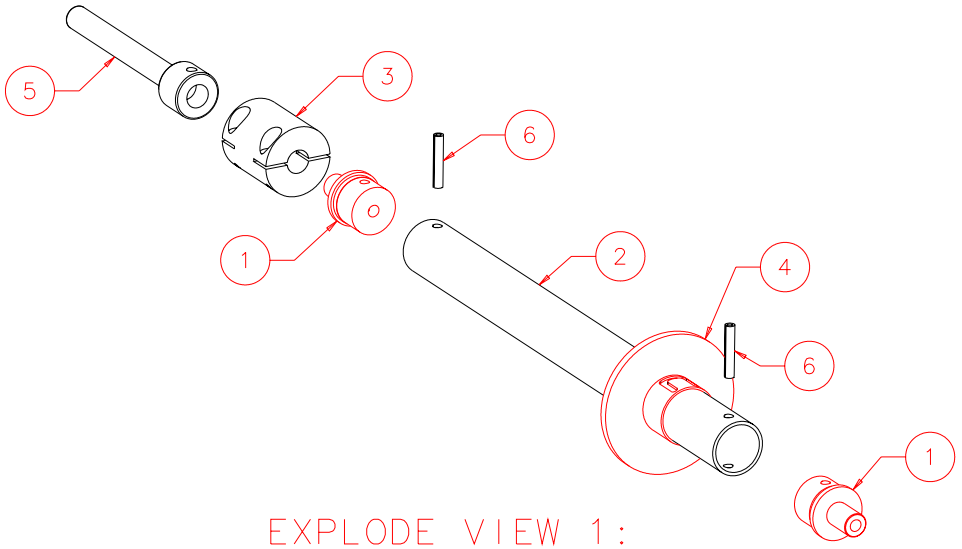
FRONT:
SCALE 1:2



SECTION A-A:
SCALE 1:1

ASSEMBLY PROCEDURE:
IDENTICAL FOR ALL
G-10 DRIVE TRAINS
EXEPT FOR LENGTH
OF G-10 TUBE

A) EPOXY 1 TO 2
B) CURE 24 HRS
C) DRILL .098 DIA
   HOLE (2 PLCS) &
   INSTALL 6



EXPLODE VIEW 1:
SCALE 1:2

REVDATE: N/A	REVISION: N/A
DATE: 01/19/99	INSTITUTE FOR ASTRONOMY
DESIGN: STAHLBERGER	2680 WOODLAWN DR. HONOLULU, HI 96822
DRAWN: STAHLBERGER	INSTRUMENT: SPEX - CROSS DISPERSED SPECTROGRAPH
APPR'D: J. RAYNER	PART NAME: G-10 DRIVE
TOLERANCES	TELESCOPE: IRTF
X.X +/- .015 X.XX +/- .005 X.XXX +/- .002 ANGLE +/- 30 min FRACTION +/- 1/32	DRW NO: SF4-001A — SCALE: NOTED SIZE: A — JOS NO: 725 — SHEET: 1 OF 1

SF3-001B
NEXT ASSY

PLOT: 10/19/99