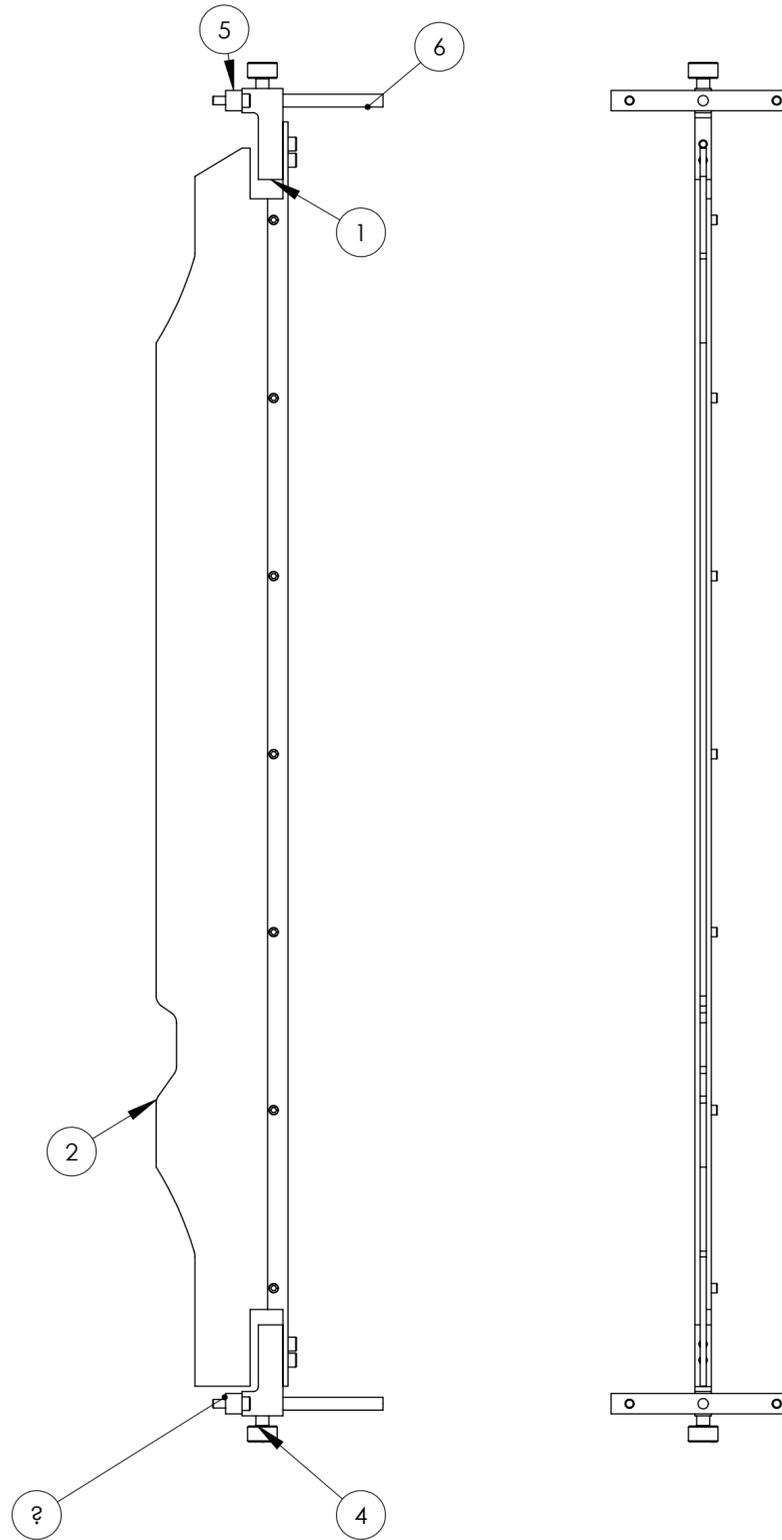


**NOTES CONTINUED:**  
 ⑤ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER AND REVISION ON NOTED SURFACE FOLLOWED ON THE NEXT LINE BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: DXXXXXX-VY, S/N 001. A VIBRATORY TOOL MAY BE USED.

⑥ MACHINE ALL SURFACES.



REV.	DATE	DCN #	DRAWING TREE #

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
8	-	SCREW, SOCKET HEAD CAP, #4-40 UNC-2A X 0.125 LONG	STAINLESS STEEL	11		11
7		8-32 SOCKET HEAD CAPSCREW	STAINLESS STEEL	4		4
6	D1001693	FIBRE REMOVAL CROSSBAR ROD	AISI 316 Stainless Steel (SS)	2		2
5	D1001692	FIBRE REMOVAL CROSSBAR	6061-T6 Al	2		2
4	TS25B031	THORLABS THUMBSCREW	Material <not specified>	2		2
3	D1001691	FIBRE REMOVAL SPINE	6061-T6 Al	1		1
2	D1001690	FIBRE REMOVAL BLADE	6061-T6 Al	1		1
1	D1001689	FIBRE REMOVAL T-MOUNT	6061-T6 Al	2		2
PARTS LIST						

**NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)**

DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:  
 .XX ± 0.10  
 .XXX ± 0.010

ANGULAR ± 0.2°

1. INTERPRET DRAWING PER ASME Y14.5-1994.  
 2. REMOVE ALL SHARP EDGES, R.02 MIN.  
 3. DO NOT SCALE FROM DRAWING.  
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

**MATERIAL** N/A

**FINISH** N/A μm



**SYSTEM** ADVANCED LIGO

**SUB-SYSTEM** SUS

**NEXT ASSY**

**PART NAME**

FIBRE REMOVAL TOOLING ASSEMBLY

**DESIGNER** L CUNNINGHAM 09/07/10

**DRAFTER** L Cunningham

**CHECKER**

**APPROVAL**

**SIZE** DWG. NO.

c D1001688

**SCALE:** 1:2.5

**PROJECTION:**



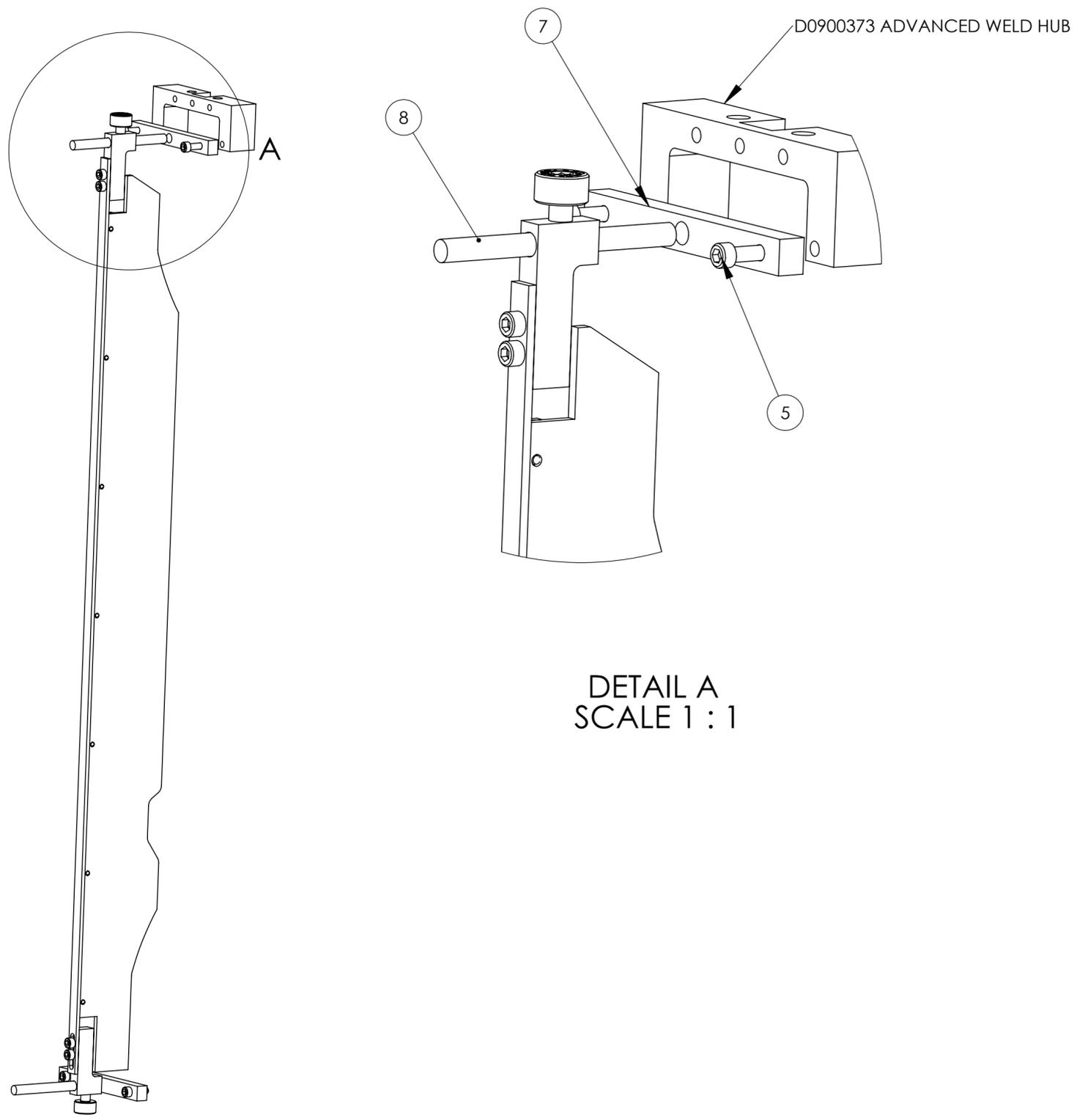
SHEET 1 OF 2

NOTES CONTINUED:

⑤ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER AND REVISION ON NOTED SURFACE FOLLOWED ON THE NEXT LINE BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: DXXXXXXX-VY, S/N 001. A VIBRATORY TOOL MAY BE USED.

⑥ MACHINE ALL SURFACES.

REV.	DATE	DCN #	DRAWING TREE #



DETAIL A  
SCALE 1 : 1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN MILLIMETERS  
 TOLERANCES:  
 .XX ± 0.10  
 .XXX ± 0.010  
 ANGULAR ± 0.2°

1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
MATERIAL	N/A
FINISH	N/A μm

 <b>CALIFORNIA INSTITUTE OF TECHNOLOGY                  MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b>	
SYSTEM	ADVANCED LIGO
SUB-SYSTEM	SUS
NEXT ASSY	

PART NAME		FIBRE REMOVAL TOOLING ASSEMBLY		
DESIGNER	L CUNNINGHAM	09/07/10	SIZE	DWG. NO.
DRAFTER	L Cunningham		c	D1001688
CHECKER				
APPROVAL			SCALE: 1:2.5	PROJECTION: 
				SHEET 2 OF 2