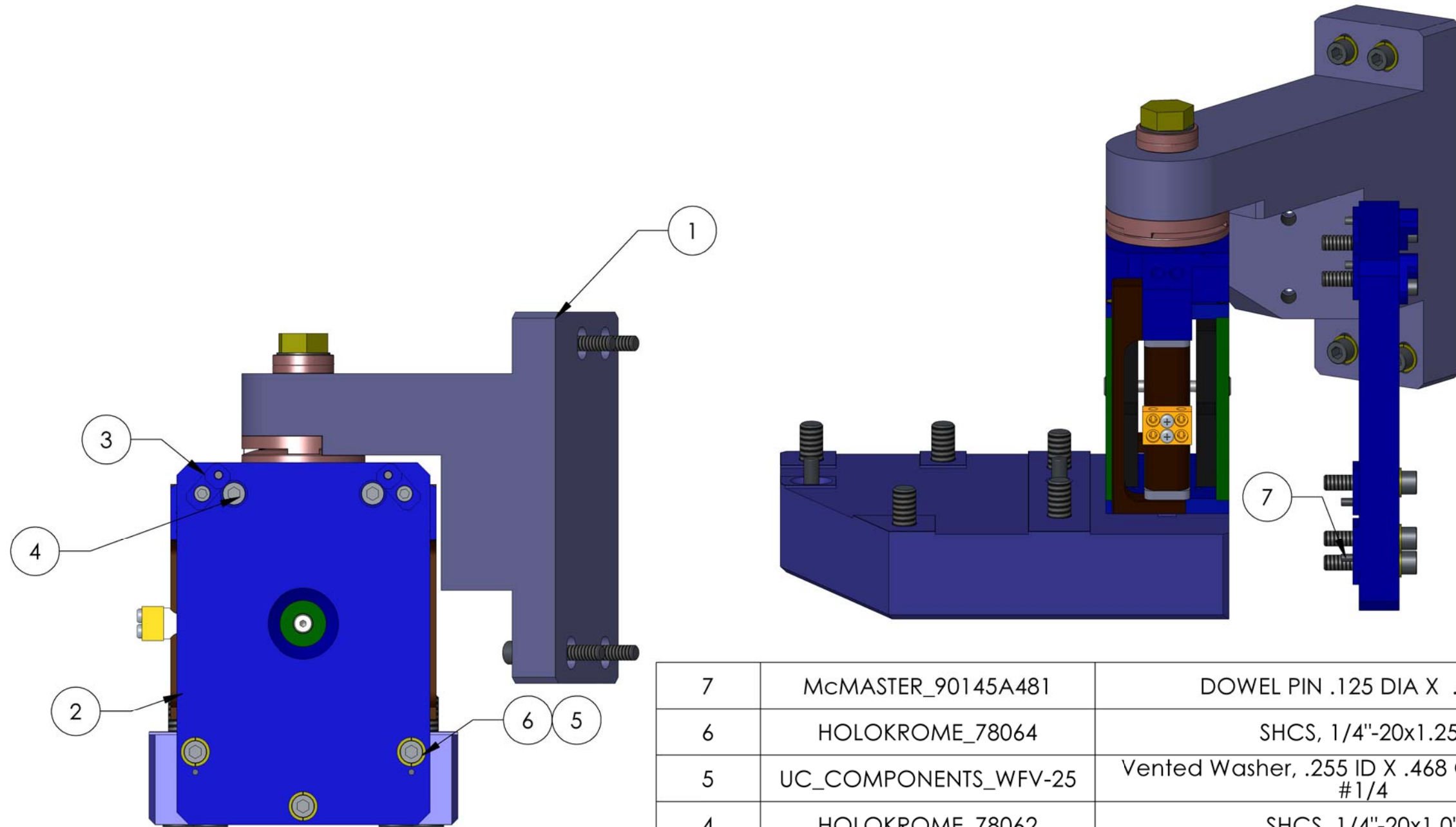


D1000642 SMALL VERTICAL ACTUATOR ASSY W TOOLING, aLIGO BSC ISI, PART PDM REV: X-002, DRAWING PDM REV: X-001

NOTES CONTINUED:
 5. VENDOR REFERENCES ARE PROVIDED AS EXAMPLES OF PARTS MEETING ALL REQUIRED SPECIFICATIONS. EQUIVALENTS ARE ALWAYS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.
 6. ASSEMBLY PROCEDURES: E0900357 AND E1000096.

REV.	DATE	DCN #	DRAWING TREE #
v1	19 Mar. 2010	E1000049	E1000025



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ
7	McMASTER_90145A481	DOWEL PIN .125 DIA X .43 LG.	18-8 SSSL	2
6	HOLOKROME_78064	SHCS, 1/4"-20x1.25"	18-8 SS	3
5	UC_COMPONENTS_WFV-25	Vented Washer, .255 ID X .468 OD X .032 THK #1/4	18-8 SSSL	3
4	HOLOKROME_78062	SHCS, 1/4"-20x1.0"	18-8 SS	2
3	D0902434	Pin Key, Small Actuator Tooling Bar	N/A	2
2	D0902137	MAGNET ASSEMBLY TO BOBBIN TOOLING BRACKET VERTICAL, aLIGO BSC ISI	6061-T6 Al	1
1	D0902531	STAGE 1-2 VERTICAL ACTUATOR ASSY, aLIGO BSC ISI	N/A	1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				PARTS LIST			
DIMENSIONS ARE IN INCHES		1. INTERPRET DRAWING PER ASME Y14.5-1994, 2. BREAK ALL EDGES AND CORNERS .03 X 45°. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME SMALL VERTICAL ACTUATOR ASSY W/TOOLING, aLIGO BSC ISI	
TOLERANCES: .XX ± N/A .XXX ± N/A		MATERIAL N/A		FINISH N/A μinch		NEXT ASSY D0901182	
ANGULAR ± N/A*							
				LIGO ADVANCED LIGO		SUB-SYSTEM SEI	
				DESIGNER S.BARNUM 19 Mar. 2010		SIZE DWG. NO. B D1000642	
				DRAFTER M.HILLARD 19 Mar. 2010		REV. v1	
				CHECKER F.MATICHARD 19 Mar. 2010		SCALE: 1:2	
				APPROVAL K.MASON 19 Mar. 2010		PROJECTION: SHEET 1 OF 1	