



This piece is part of a weldment. Dimensions shown are approximate; weld induced shrinkage or fill, and post weld annealing and machining considerations are not included. See D070442-v1 for required dimensions of structure after welding.

NOTES: (UNLESS OTHERWISE SPECIFIED)		DIMENSIONS ARE IN INCHES	
1. REMOVE ALL SHARP EDGES: R.02 MIN.	2. DO NOT SCALE FROM DRAWING.	3. ALL MACHINING FINISHES SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCORNAT MILACRON'S COMTECH 410 (SST).	4. TOLERANCES: XXX ± .01 XXX ± .005
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 OF HIGH CHARACTERS. EXAMPLE: 00000000-V1-001	6. A VIBRATORY TOOL MAY BE USED.	7. S. L AND IN VARIANTS OF 304 SST ARE ACCEPTABLE.	8. ANCHILAR ± 0.5°
MATERIAL		304 SSTL	
FINISH		32 μinch	
DESIGNER	DATE	SIZE	DWG. NO.
DRAWN	14 DEC 2007	D	D070578
CHECKED	25 MAR 2009	SCALE: 1:1	PROJECTION:
PART NAME		SIDE STRUT	
SUB-SYSTEM		HLTS STRUCTURAL WELDMENT	
SYSTEM		ADVANCED LIGO	
CALIFORNIA INSTITUTE OF TECHNOLOGY		REVISION	
M.A.S.A.C.H.U.S.E.T.T.S. I.N.S.T.I.T.U.T.E. O.F. T.E.C.H.N.O.L.O.G.Y.		V1	
I.G.R., G.L.A.S.G.O.W. U.N.I.V.E.R.S.I.T.Y. G.E.O. 600 G.R.O.U.P.		SHEET 1 OF 1	

D070578-Advanced\_LIGO\_SUS\_HLTS\_Structure\_Side\_Strut\_PART\_FDM\_REV\_V1-001\_DRAFTING\_FDM\_REV\_X-002