



SECTION A-A

NOTES:

- MATERIAL: AISI 4140H, 4340H, QUENCH AND TEMPER, 269/321 STEEL BAR OR TUBE
- IDENTIFY WITH PART NUMBER, SUPPLIER CODE NUMBER, MANUFACTURERS LOT NUMBER, AND REV. LEVEL
- NON SPECIFIED FILLETS - R3, NON SPECIFIED CHAMFERS - $1 \times 45^\circ$

REFERENCE MODEL: 1509-GS-018-A

REV	CHANGED FROM	BY	DATE	APRD
A	PRE-RELEASE	JFC	8/24/12	
B	REVIEWED PER 1509-ENC-004	CPS	1/14/13	
C	UPDATE BORDER	CPS	3/14/13	
D	RELEASE FOR PRODUCTION	CPS	4/19/13	

REPORT ERRORS & CHANGES REMOVE ALL BURRS AND SHARP EDGES DIMENSIONS ARE IN MILLIMETERS. UNSPECIFIED TOLERANCES: DECIMALS: FINISH: ANGLES:			
X: ± 1.0	3.2	$\mu\text{m Ra}$	$\angle \pm 0.5^\circ$
X: ± 0.5			
XX: ± 0.25			
COPYRIGHT ©			
NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY			
DRAWN	JFC	DATE: 8/24/12	
CHECKED	NJB	THIRD ANGLE PRJ	

National Renewable Energy Laboratory		
TITLE: SPACER, LS SHAFT DW		
SIZE B	DWG. NO. 254500	REV D
SCALE: 1:2	WEIGHT: 1.24 kgs	SHEET 1 OF 1