



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 - 1x45°

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:

3.2 $\mu\text{m Ra}$ $\leq \pm 0.5^\circ$

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NOT TO BE REPRODUCED OR USED TO MAKE
OTHER DRAWINGS OR MACHINERY

DRAWN: JFC DATE: 8/24/12
CHECKED: NJB THIRD ANGLE PRI

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