



NOTES:

- MATERIAL: STEEL BAR OR FORGING GRADE AISI 4140, QUENCHED AND TEMPERED 269-321 BHN PROVIDE INSPECTION REPORTS OR PROOF ACCORDING TO THE PROVISIONS EN-10204-3.1.
- IDENTIFY WITH PART NUMBER, SUPPLIER CODE NUMBER, MANUFACTURERS LOT NUMBER, AND REV. LEVEL
- ULTRASONIC TESTING: TESTING OF FORGINGS MUST FOLLOW THE PROVISIONS OF EN-10228-3 LEVEL 3 (AGMA A-388- TO AN EQUIVALENT 3 mm FLAT BOTTOMED HOLE IS AN ACCEPTABLE ALTERNATIVE.)

REV	CHANGED FROM	BY	DATE	APRD
A	PRE-RELEASE. REVIEWED PER 1509-ENC-004	JFC	10/26/12	
B	CHANGES PER NREL DRW REVIEW REQUEST. 6 FROM 3 HOLDOWN BOLTS	CPS	3/12/13	
C	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 \pm 1.0 X \pm 0.5 XX \pm 0.25	6.3 μ m Ra $\angle \pm 0.5^\circ$
COPYRIGHT © NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY	
DRAWN JFC	DATE: 9/11/12
CHECKED NJB	THIRD ANGLE PROJ

**National Renewable
Energy Laboratory**

TITLE: CARRIER INSERT, SEMI FINISH

SIZE DWG. NO. REV
B 254515 C

SCALE: 1:4 WEIGHT: 34.04 kgs SHEET 1 OF 1

MAKE FROM MODEL: 1509-GS-008-B