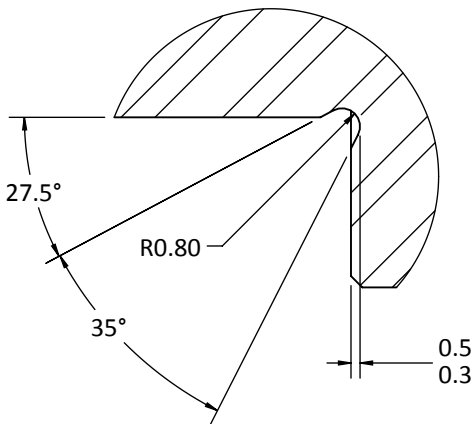


SECTION A-A



DETAIL A
SCALE 3 : 1

NOTES:

- MATERIAL: 8620 AS ROLLED STEEL BAR
- 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.)

MAKE FROM MODEL: 1509-GS-016-B

REV	CHANGED FROM	BY	DATE	APRD
A	PRE-RELEASE	JFC	8/XX/12	
B	Ø 105 TO Ø 107.85, 80 TO 73, 10.0 TO 8.0, OAL TO 90. REVIEWED PER 1509-ENC-004	JFC	11/13/12	
C	CHANGES PER NREL DRW REVIEW. UPDATE BORDER	CPS	3/12/13	
D	RELEASE FOR PRODUCTION	CPS	4/19/13	
E	CHANGES PER MFG REVIEW	CPG	1/19/16	

REPORT ERRORS & CHANGES REMOVE ALL BURRS AND SHARP EDGES DIMENSIONS ARE IN MILLIMETERS. UNSPECIFIED TOLERANCES: DECIMALS: FINISH: ANGLES:		
X. ±1.0 .X ±0.5 .XX ±0.25	6.3 µm Ra	≤ ± 0.5°
COPYRIGHT © NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY		
DRAWN	JFC	DATE: 9/22/12
CHECKED	NJB	THIRD ANGLE PRJ

National Renewable Energy Laboratory		
TITLE: BUSHING, PLANET PIN		
SIZE B	DWG. NO. 254519	REV E
SCALE: 1:2	WEIGHT: 6.53 kgs	SHEET 1 OF 1