



1. MATERIAL: STEEL BAR OR FORGING GRADE 4140H, 4340H, QUENCH AND TEMPERED TO 269-321 BHN
- 2 IDENTIFY WITH PART NUMBER, SUPPLIER CODE NUMBER MANUFACTURERS LOT NUMBER, AND REV. LEVEL
3. NITRIDE ALL OVER EXCEPT THREADS. USE PLASMA METHOD .20/.25 DEPTH MAXIMUM TEMPERATURE 565 °C

REV	CHANGED FROM	BY	DATE	APRD	REPORT ERRORS & CHANGES REMOVE ALL BURRS AND SHARP EDGES DIMENSIONS ARE IN MILLIMETERS. UNSPECIFIED TOLERANCES: DECIMALS: FINISH: ANGLES:			National Renewable Energy Laboratory				
A	PRE-RELEASE	JFC	8/22/12					TITLE: MANIFOLD, RADIAL				
B	REVIEWED & UPDATED PER 1509-ENC-004	CPS	1/18/13		X. ±1.0 .X ±0.5 .XX ±0.25	6.3 V _{μm} Ra	∠ ± 0.5°					
C	REVIEWED & UPDATED PER 1509-ENC-011 & NREL DRW REVIEW	CPS	3/6/13		COPYRIGHT ©			SIZE B	DWG. NO. 254498	REV F		
D	RELEASE FOR PRODUCTION	CPS	4/22/13		NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY							
E	REPAIR DANGLING DIMENSION LEADER, NOTE	JMG	10/17/13		DRAWN	JFC	DATE: 8/22/12					
F	NITRIDE ALL OVER EXCEPT THREADS, INSTEAD OF ENVELOPE ONLY	CPG	1/19/16		CHECKED	NJB	THIRD ANGLE PRJ	☉	☐	SCALE: 1:3	WEIGHT: 16.08 kgs	SHEET 1 OF 1