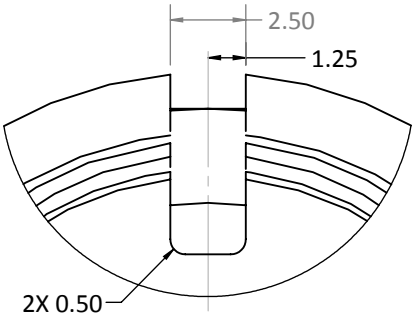
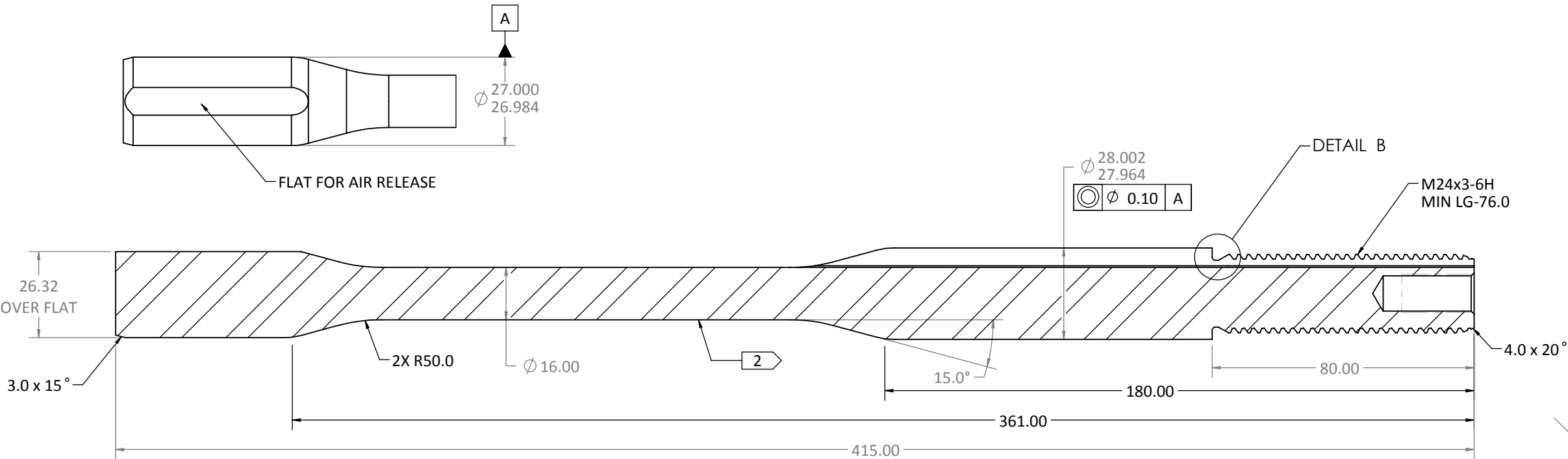


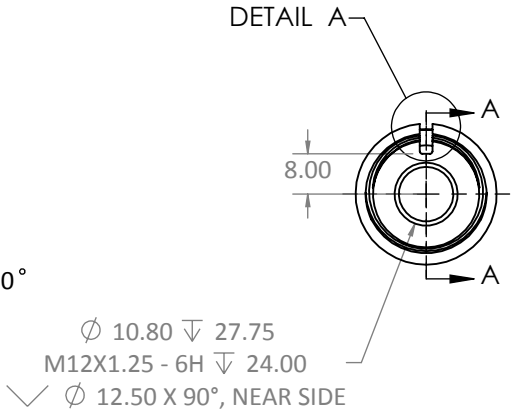
DETAIL B
SCALE 4 : 1



DETAIL A
SCALE 4 : 1



SECTION A-A
SCALE 1 : 1.5



- NOTES:
- MATERIAL: 34CrNiMo; ALT 4140H, 4340H, BAR
NORMALIZE OR ANNEAL TO 231 BHN MAX HARDNESS
 - IDENTIFY WITH PART NUMBER, REV LEVEL, SUPPLIER INITIALS, JOB
NUMBER, AND SHOP ORDER NUMBER

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	8/25/12		X. ±1.0	3.2	≤ ± 0.5°	TITLE: DOWEL, SPECIAL, STEPPED AND NECKED		
B	REVIEWED PER 1509-ENC-004	CPS	1/14/13		.X ±0.5	√ μm Ra		SIZE DWG. NO. REV		
C	ADD AIR RELEASE FLAT & TOL DIA TO TRANSITION FIT	CPS	3/18/13		.XX ±0.25			B 254552 F		
D	MAT'L FROM FORGING TO BAR. RELEASE FOR PRODUCTION	CPS	4/9/13		COPYRIGHT © NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY			SCALE: 1:1.5 WEIGHT: 1.28 kgs SHEET 1 OF 1		
E	REPAIR DANGLING NOTE LEADER	JMG	10/18/13		DRAWN JFC	DATE: 9/25/12				
F	CHANGES REQUESTED PER MANUFACTURER DRW REVIEW	CPG	11/15/13		CHECKED NJB	THIRD ANGLE PRJ				