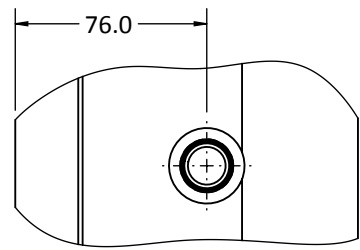


NOTES:

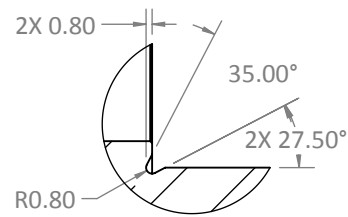
- MATERIAL: STEEL BAR OR FORGING GRADE AISI 4140, PROVIDE INSPECTION REPORTS OR PROOF ACCORDING TO THE PROVISIONS EN-10204-3.1. QUENCHED AND TEMPERED 269-321 BHN
 - ULTRASONIC TESTING: TESTING OF FORGINGS MUST FOLLOW THE PROVISIONS OF EN-10228-3 LEVEL 3 (AGMA A-388- TO AN EQUIVALENT 3 mm FLAT BOTTOMED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

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		
B	ADDED 2 MORE FEEDS AND SEPARATED INLETS	JFC	10/26/12		X. \pm 1.0 .X \pm 0.5 .XX \pm 0.25	TITLE:		
C	REVIEWED PER 1509-ENC-004	CPS	1/18/13		6.3 μ m Ra	CARRIER ADAPTER RING		
D	CHANGE REQUEST PER 1509-ECN-011 & NREL DRW REVIEW	CPS	3/8/13		COPYRIGHT ©	SIZE	DWG. NO.	REV
E	CHANGES PER 1509-DDS-018-A03. ADD BALL NOSE FOR ASS'Y. RELEASE FOR PRODUCTION	CPS	4/22/13		NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY	B	254513	G
F	REPAIR DANGLING DIMENSION LEADERS	JMG	10/18/13		DRAWN JFC DATE: 8/14/12	SCALE: 1:6	WEIGHT: 138.26 kgs	SHEET 1 OF 2
G	CHANGES PER MFG REVIEW	CPG	3/14/16		CHECKED THIRD ANGLE PRJ			

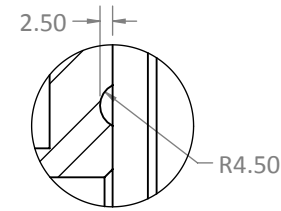
MAKE FROM MODEL: 1509-HG-004-D



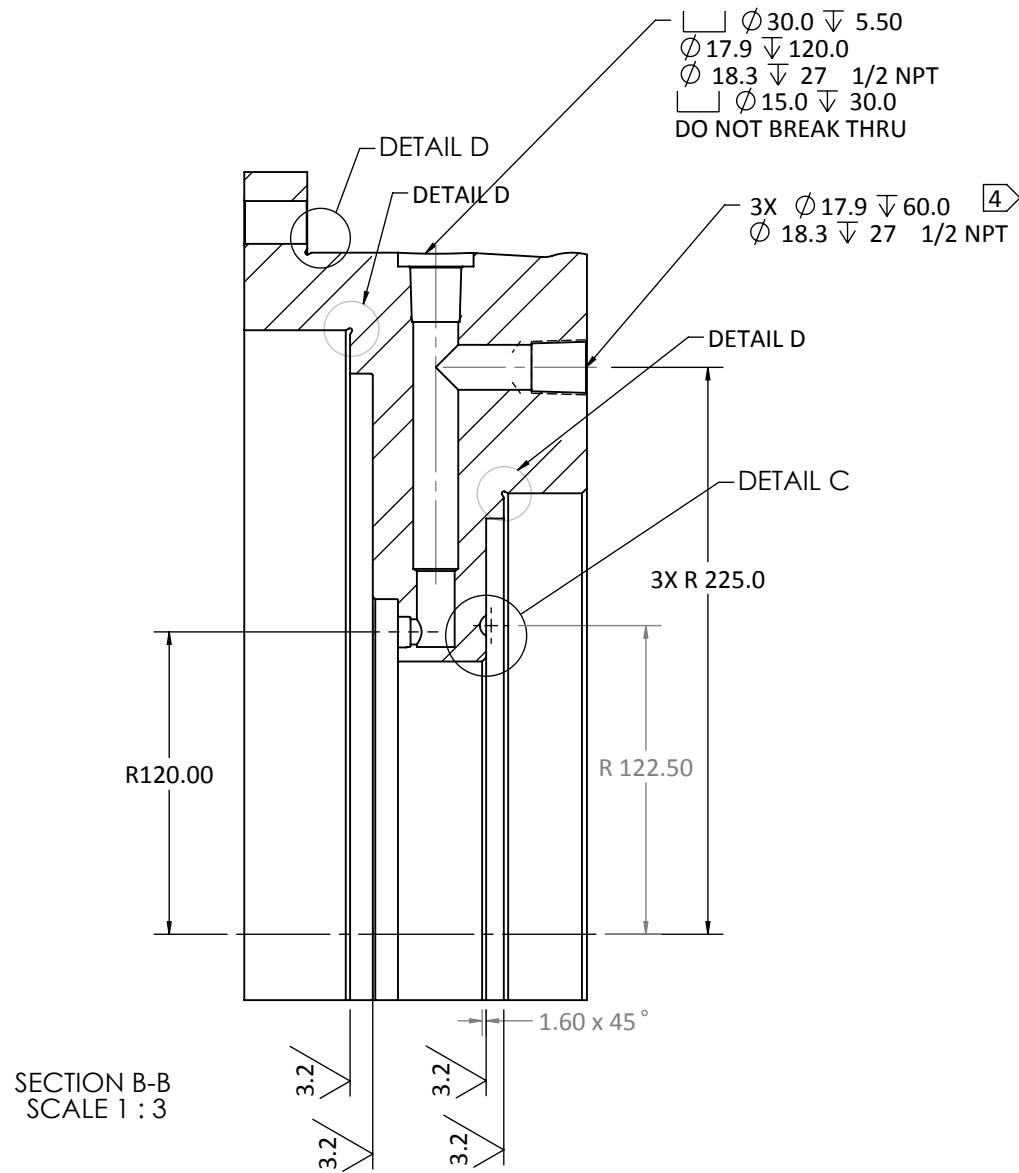
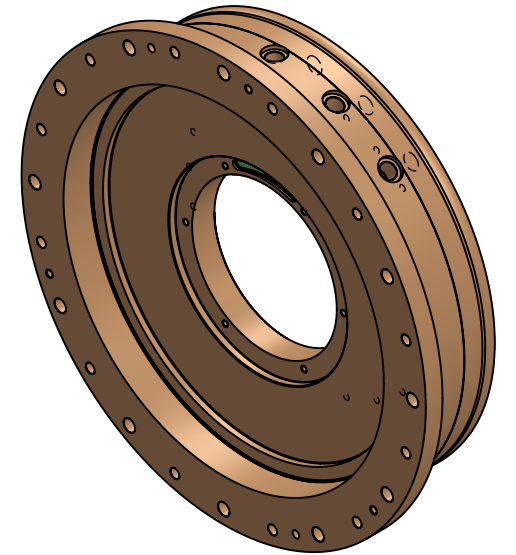
SCALE 1:1



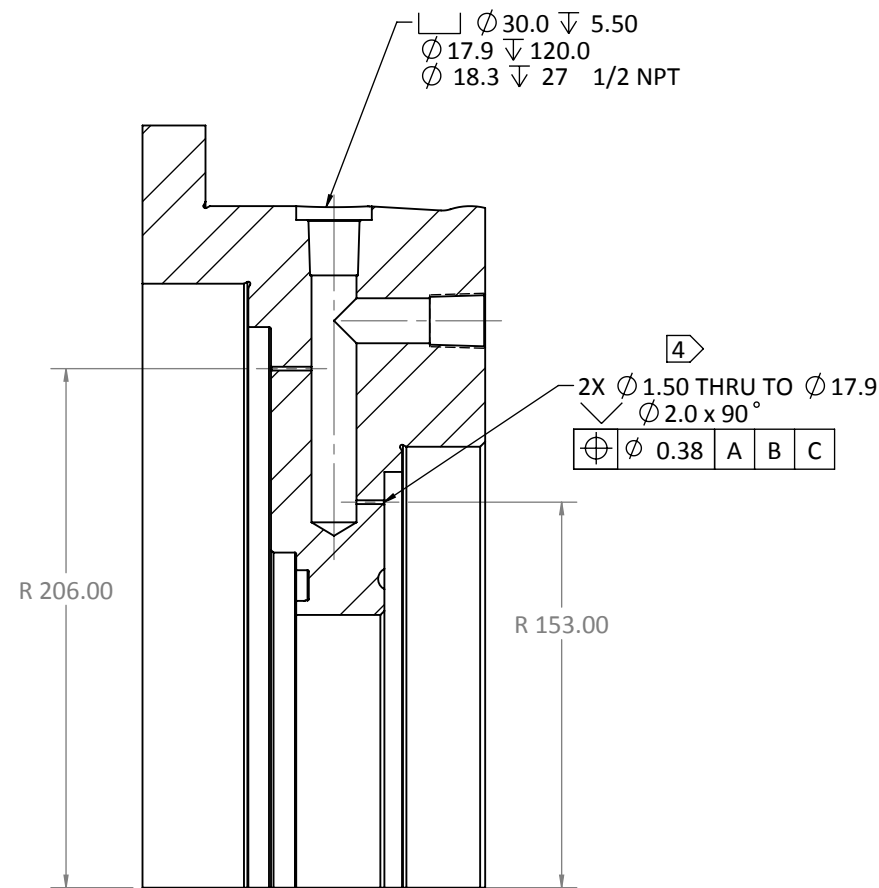
3X DETAIL D



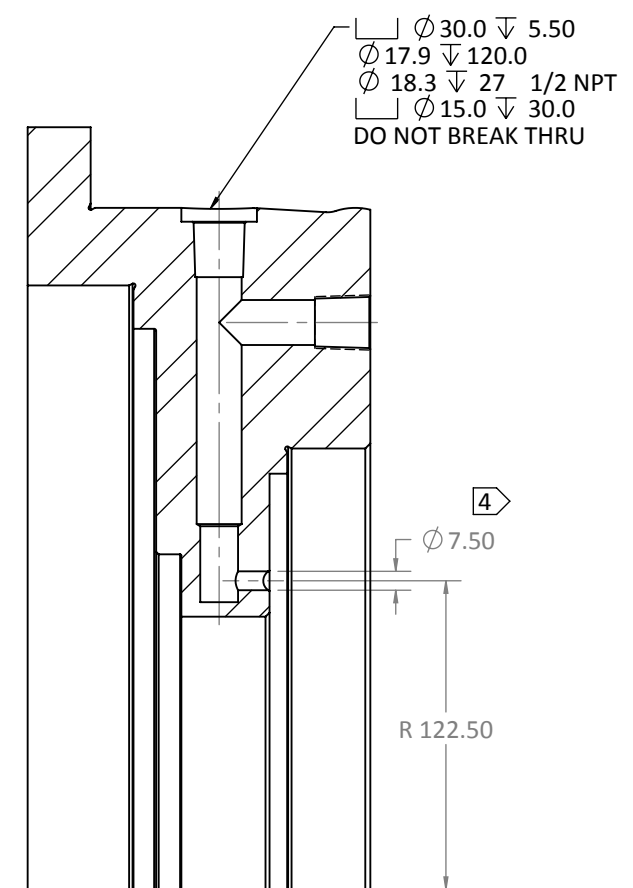
DETAIL C
SCALE 2 : 3



SECTION B-B
SCALE 1 : 3



SECTION C-C
SCALE 1 : 3



SECTION D-D
SCALE 1 : 3

REPORT ERRORS & CHANGES REMOVE ALL BURRS AND SHARP EDGES DIMENSIONS ARE IN MILLIMETERS. UNSPECIFIED TOLERANCES: DECIMALS: FINISH: ANGLES: X. ±1.0 6.3 µm Ra .X ±0.5 .XX ±0.25 COPYRIGHT © NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY				National Renewable Energy Laboratory		
DRAWN JFC DATE: 8/14/12 CHECKED THIRD ANGLE PRJ				TITLE: CARRIER ADAPTER RING		
SIZE B		DWG. NO. 254513			REV G	
SCALE: 1:6		WEIGHT: 138.26 kgs			SHEET 2 OF 2	