



NOTES:

- MATERIAL: STEEL BAR OR FORGING GRADE AISI 4140, QUENCHED AND TEMPERED 269-321 BHN
- 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 Engery Laboratory		
B	REVIEWED & UPDATED PER 1509-ENC-004 IF REQUIRED	CPS	1/18/13		X. ±1.0 .X ±0.5 .XX ±0.25	TITLE: RING SPACER, TRB LS SHAFT		
C	CHANGES REQUESTED PER NREL DRW REVIEW	CPS	3/14/13		6.3 μm Ra	SIZE B		
D	BORE TO J6 FIT. RELEASE FOR PRODUCTION	CPS	4/18/13		NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY	DWG. NO. 254493		
E	REPAIR DANGLING DIMENSIONS	JMG	10/17/13		DRAWN JFC	REV G		
F	CHANGES PER MANUFACTURER REVIEW AND INSTRUMENTATION	CPG	1/30/14		DATE: 8/15/12	SCALE: 1:4		
G	CHANGES PER MFG REVIEW	CPG	1/15/16		CHECKED NJB	WEIGHT: 23.52 kgs		
						SHEET 1 OF 1		

MAKE FROM MODEL: 1509-HG-001-B