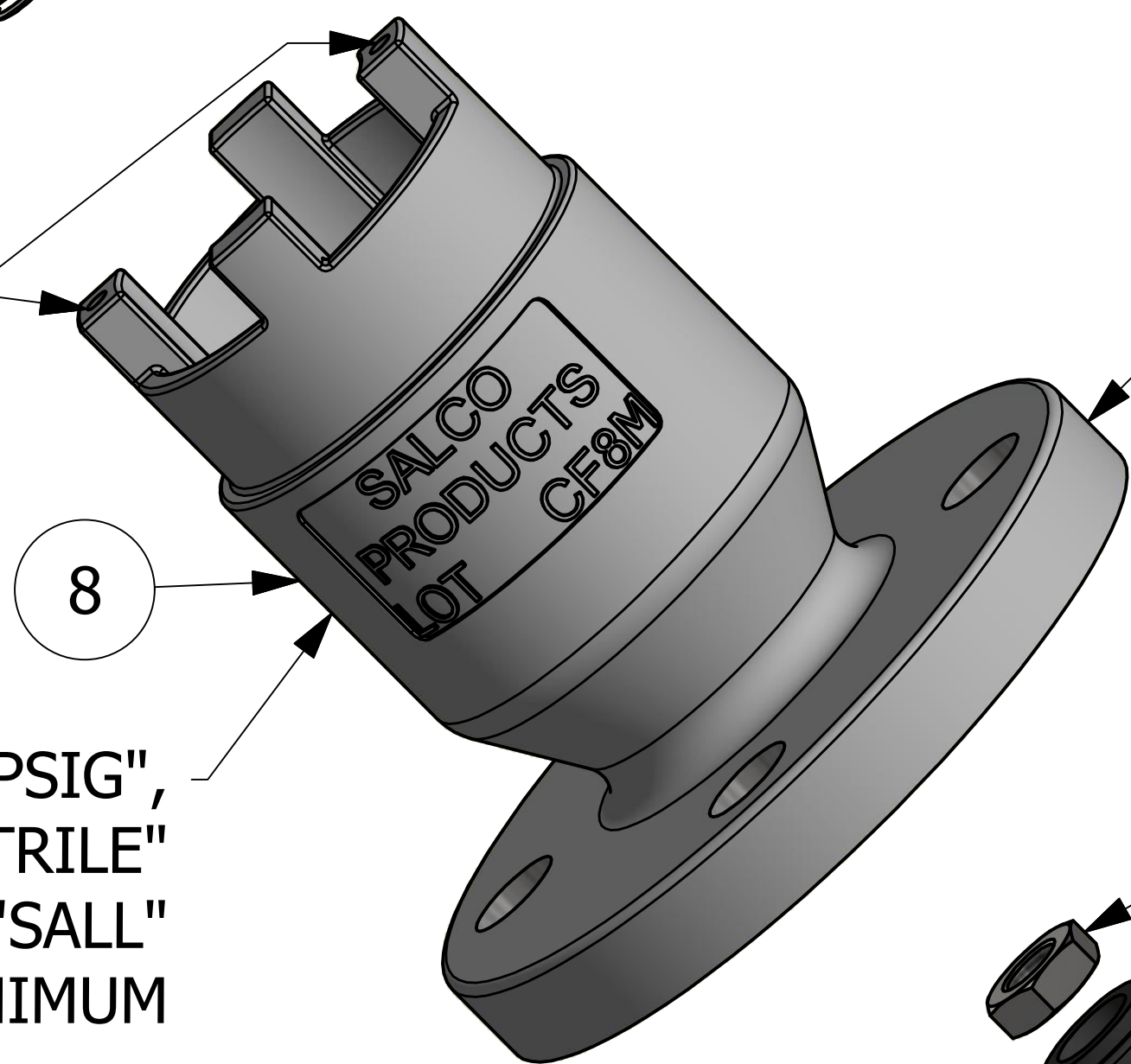


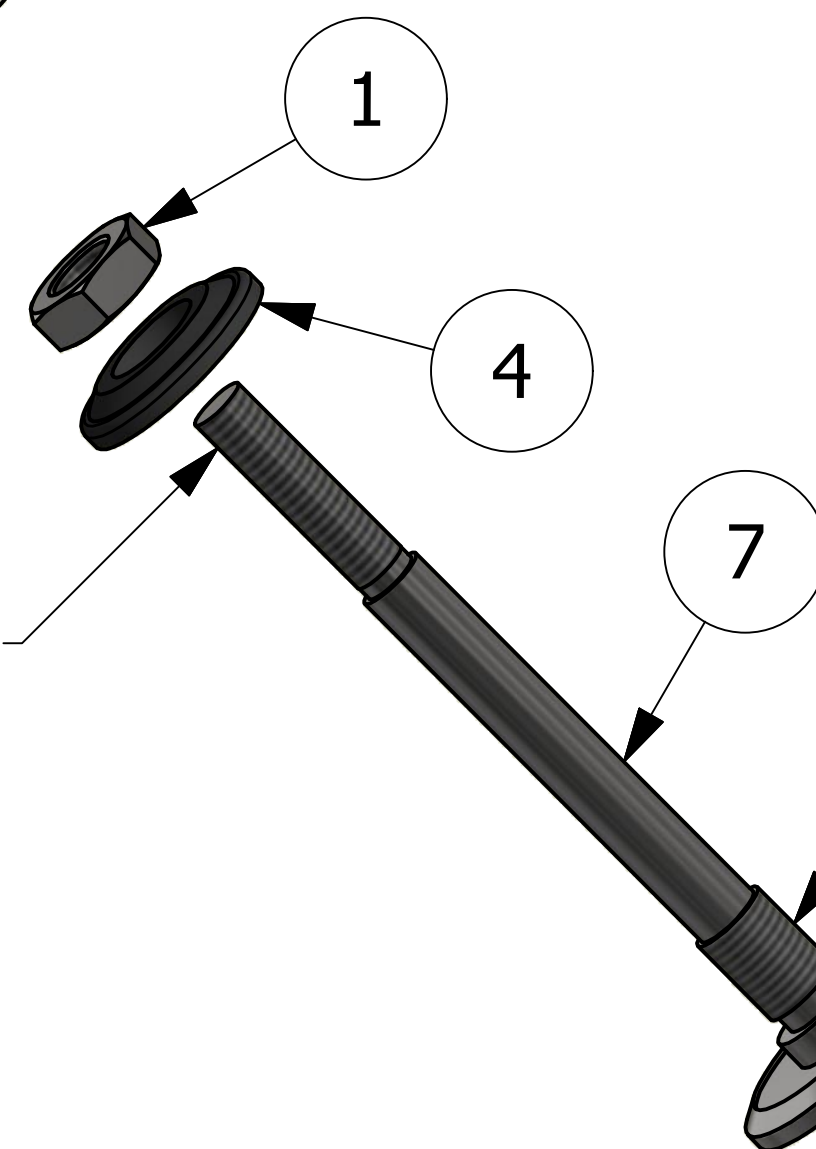
APPLY ANTI-SEIZE
TO THREADS

ENGRAVE "SET VACUUM 3/4 PSIG",
"VVN15S6RA101A", "NITRILE"
"AAR # E-202141", "SALL"
TEXT HEIGHT .1" MINIMUM



MARK PER Q-2.14
TEXT HEIGHT .1" MINIMUM

APPLY ANTI-SEIZE
TO THREADS

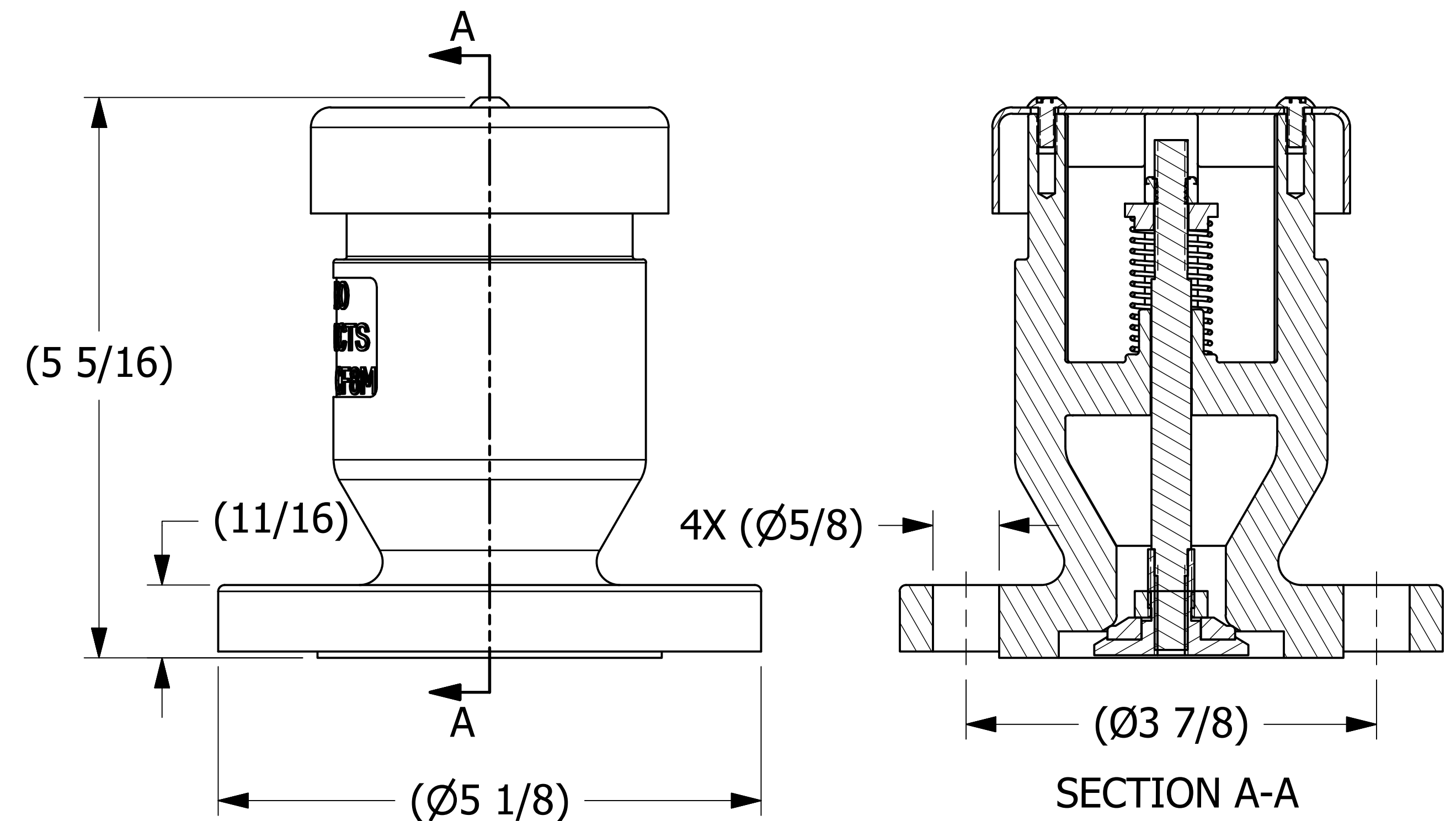


APPLY DROP OF
BLUE THREADLOCKER


NOTES:

1. VALVE BODY IS 316 SS, CF8M.
2. VACUUM RATING IS 1.53" OF Hg (-.75 PSI) PER APPENDIX A, SECTION 4.10 OF AAR TANK CAR MANUAL.
3. AAR APPROVAL # E-202141.
4. TEST PER Q-2.15.7.
5. SEE DOCUMENT Q-2.14 FOR MARKING PROCEDURE.

NO.	PART NAME	PART#	REQ'D	MATERIAL
1	HEX JAM NUT 7/16"-20	N716S	1	18-8 SS
2	HEX LOCK NUT 5/16"-18	R20ANS	1	18-8 SS
3	TAMPER RESISTANT SCREW 10-32 X 3/8"	TRS1032SS	2	302 SS
4	VACUUM RELIEF VALVE GASKET 1 1/2"	VV1501G	1	BLACK NITRILE
5	VACUUM RELIEF VALVE BUSHING 1 1/2"	VV15S41SB	1	303 SS
6	SPRING 3/4" X 3 5/16"	VV15S41SP	1	18-8 SS
7	VACUUM RELIEF VALVE STEM 1 1/2"	VVN15S4SA	1	304/18-8 SS
8	VACUUM RELIEF VALVE BODY 1 1/2"	VVN15S6RAVB	1	316 SS
9	VACUUM RELIEF VALVE CAP	VVNS4TC	1	304 SS



D	WEB	8/19/21	UPDATED AAR#; UPDATED MARKINGS; REMOVED LABEL
C	JG	3/20/18	Q-2.14 WAS QAP5A-1; Q-2.15.7 WAS QAP4C-1
B	RJP	8/5/14	TRS1032SS WAS BHCS73742
A	RJP	1/23/14	RELEASED FOR PRODUCTION
REV	BY	DATE	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES FRACTIONAL: ±1/16 X.XX: ±.03 X.XXX: ±.015 ANGULAR: ±1° DEBURR ALL SHARP EDGES. ALL MACHINED SURFACES TO HAVE A 125 RMS FINISH UNLESS NOTED OTHERWISE. THIRD ANGLE PROJECTION	DRAWN BY:	RJP			
	CHECKED BY:	CHL			
	PROTOTYPE DATE:	1/23/2014	PART NAME: VACUUM RELIEF VALVE 1 1/2" FLANGED		
	APPROVED FOR PRODUCTION BY:	CHL	MATERIAL: SEE BOM		
	PRODUCTION DATE:	1/23/2014	PROJECT #: 140122FR3		
SIZE:		D	SHEET #: 1 OF 1		
DRAWING #:		38149	SCALE: 1 : 1		
			PART #: VVN15S6RA101A		