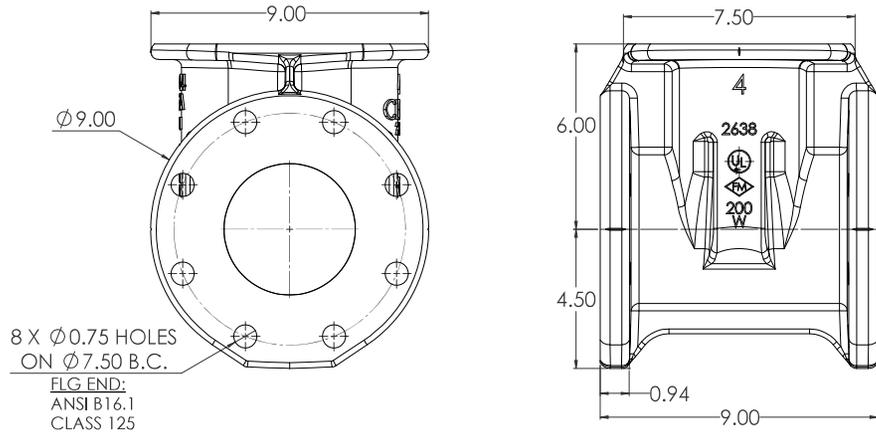
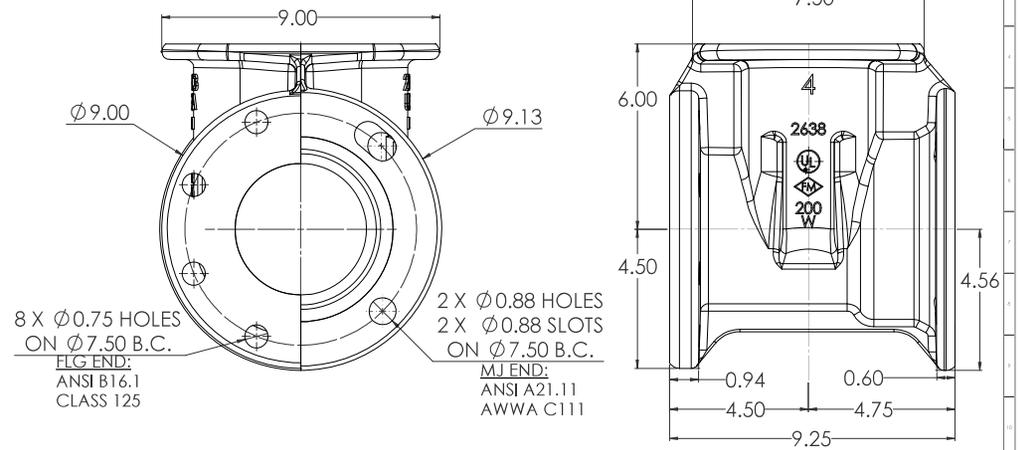


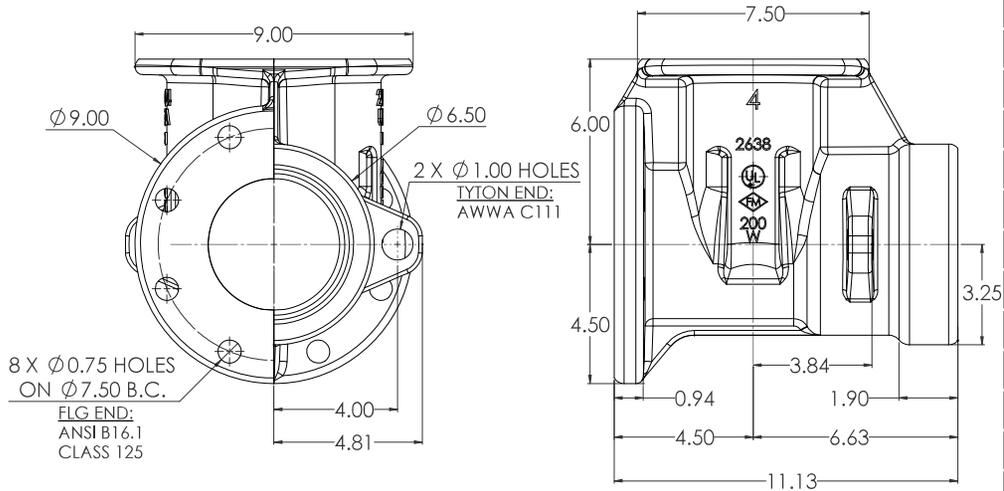
04" C515 FLG X FLG



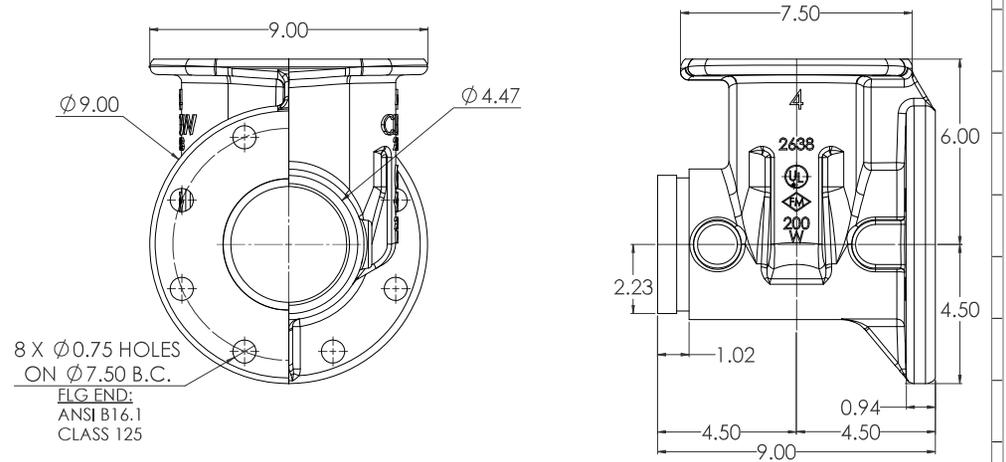
04" C515 FLG X MJ



04" C515 FLG X TYTON

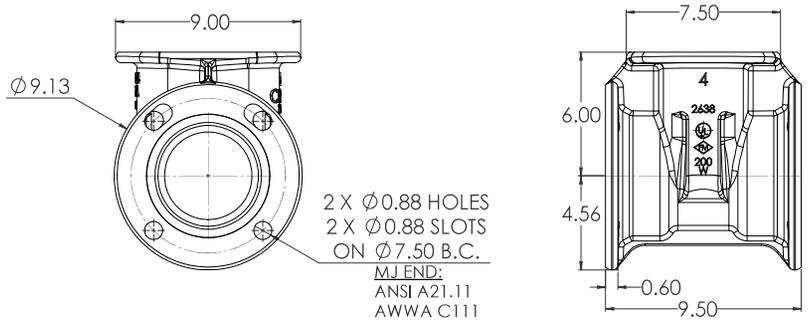


04" C515 FLG X GRVD

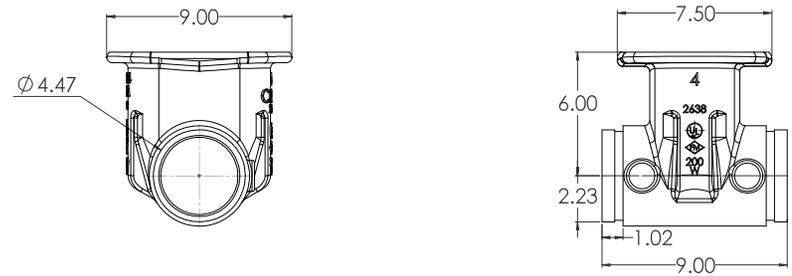


REVISED (DATE) (BY) (REASON) 1 10/11/2020 CW (06/1/2020)		04" C515 NRS GEARED LBS. RESILIENT WEDGE GATE VALVE 1:2 Solobrooks 2016 SP2		
DATE: 10/11/2020 BY: CW REASON: (06/1/2020)	DATE: 10/11/2020 BY: CW REASON: (06/1/2020)	DATE: 10/11/2020 BY: CW REASON: (06/1/2020)	DATE: 10/11/2020 BY: CW REASON: (06/1/2020)	DATE: 10/11/2020 BY: CW REASON: (06/1/2020)

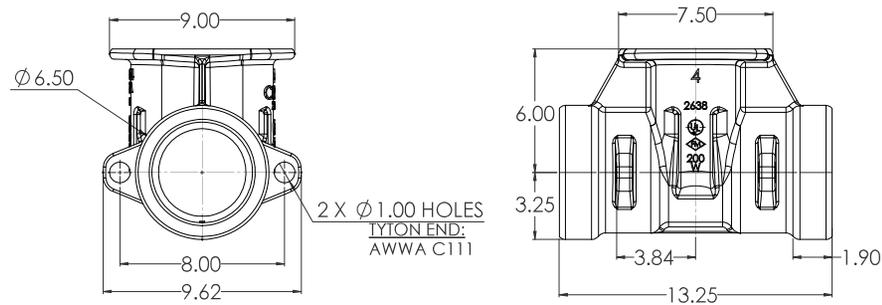
04" C515 MJ X MJ



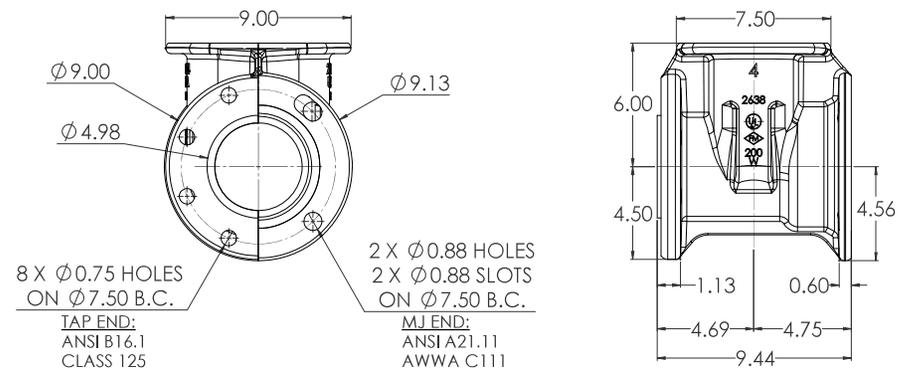
04" C515 GRVD X GRVD



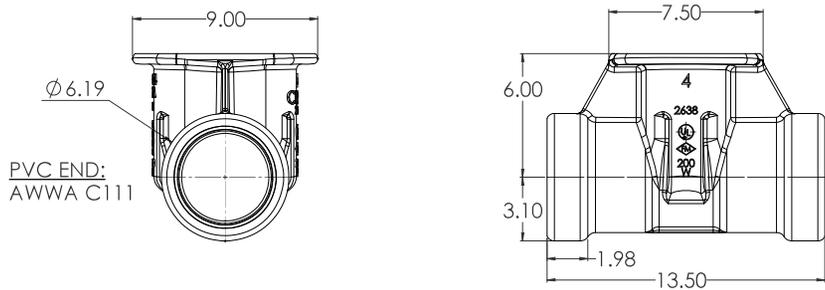
04" C515 TYTON X TYTON



04" C515 MJ X TAP

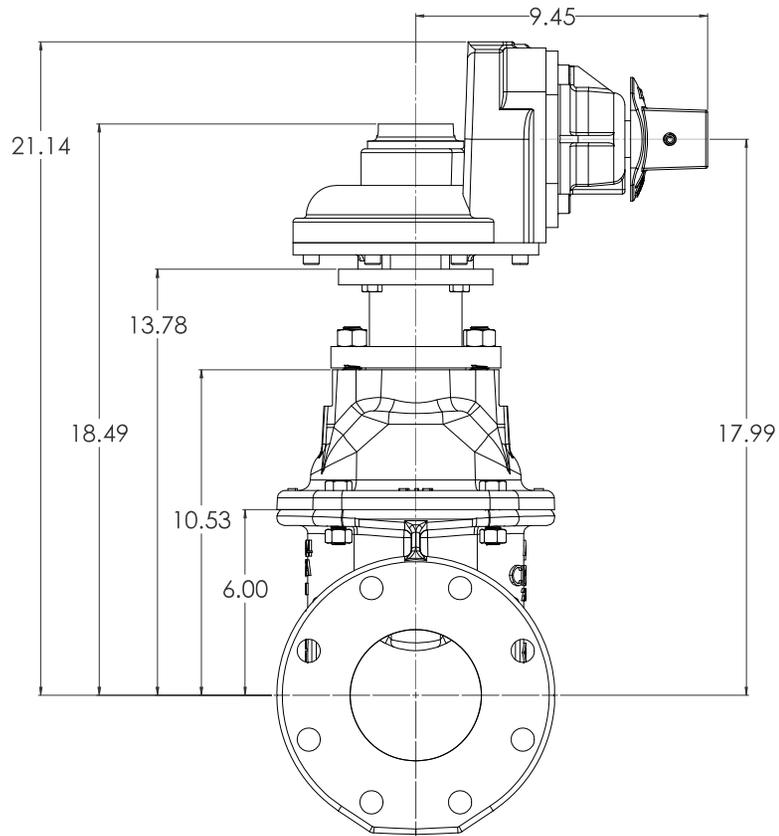


04" C515 PVC X PVC

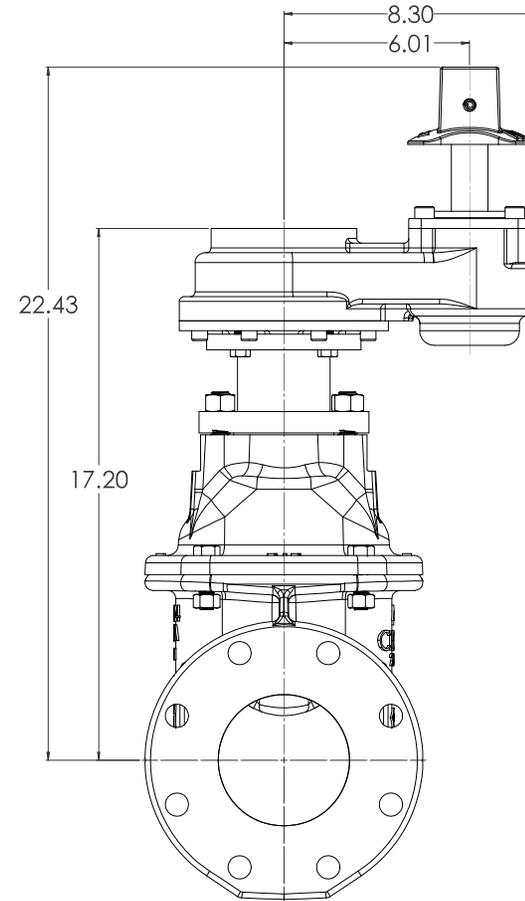


COMPANY: WORLDWIDE VALVE MANUFACTURING ADDRESS: 10000 W. 10th Ave., Suite 100, Denver, CO 80202 PHONE: 303.440.1000 FAX: 303.440.1001 WWW: www.worldwidevalve.com	PRODUCT: 04" C515 NRS GEARED RESILIENT WEDGE GATE VALVE LBS. 2 8	DATE: 10/01/2008 DRAWN BY: [Signature] CHECKED BY: [Signature]	SCALE: 1:3 SHEET NO. 2 OF 8
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BEVEL GEAR WITH OPERATING NUT

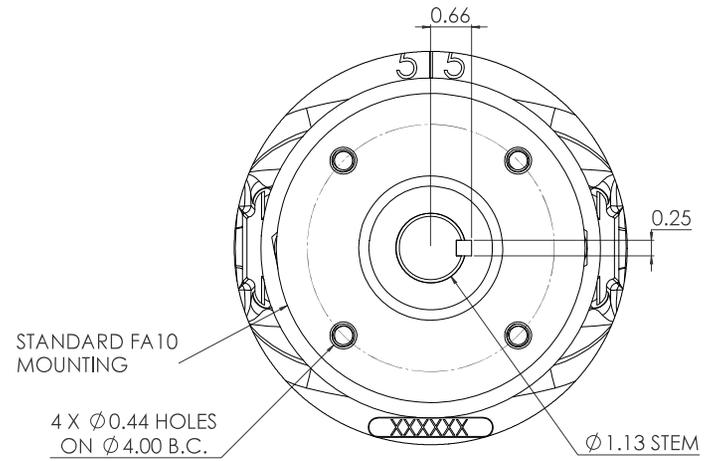
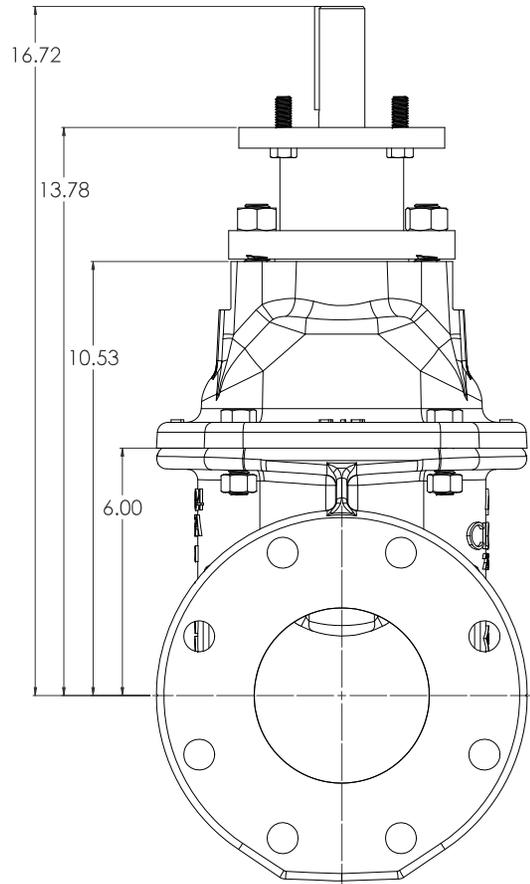


SPUR GEAR WITH OPERATING NUT



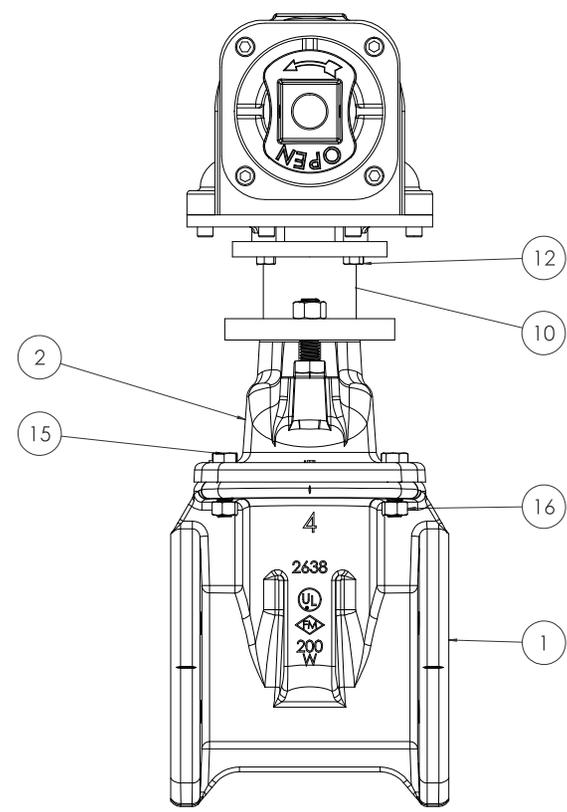
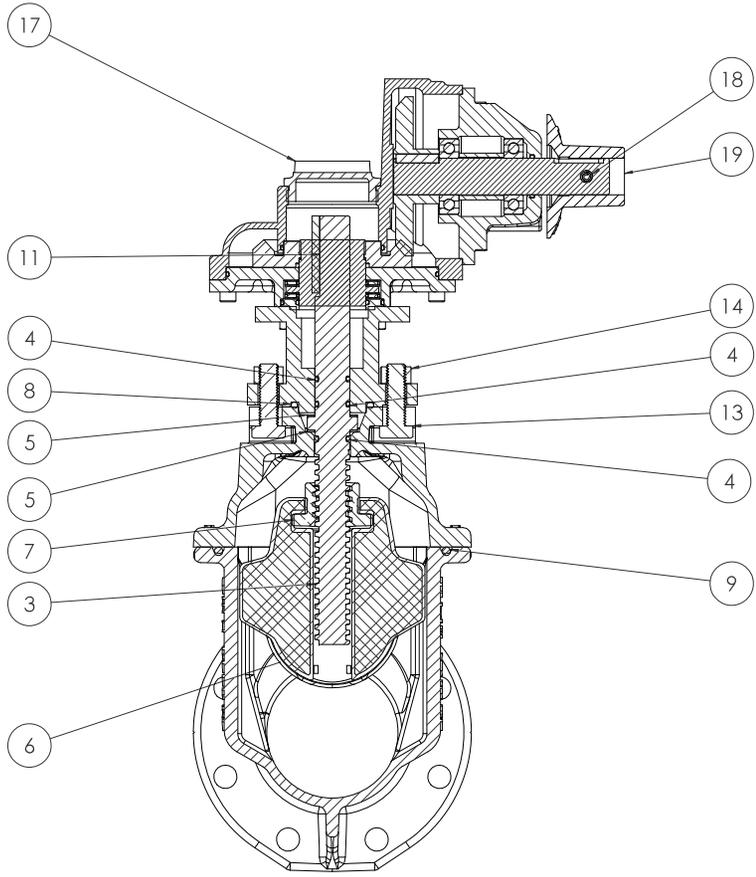
REVISED DATE: 01/01/2020 BY: CW		DESCRIPTION 04" C515 NRS GEARED LBS. RESILIENT WEDGE GATE VALVE		SCALE 1:5		DATE 01/01/2020		PROJECT Solisworks 2016 SP2			
DATE 01/01/2020	BY CW	DESCRIPTION 04" C515 NRS GEARED LBS. RESILIENT WEDGE GATE VALVE	SCALE 1:5	DATE 01/01/2020	PROJECT Solisworks 2016 SP2	REVISED DATE: 01/01/2020 BY: CW	DESCRIPTION 04" C515 NRS GEARED LBS. RESILIENT WEDGE GATE VALVE	SCALE 1:5	DATE 01/01/2020	PROJECT Solisworks 2016 SP2	

BARE STEM ASSEMBLY



BARE STEM MOUNTING FLG

COMPANY: ME ADDRESS: 10000 W. 10th Ave., Suite 100 Golden, CO 80601 PHONE: (303) 440-1000 FAX: (303) 440-1001 WWW: www.mechanical.com		PROJECT: 04" C515 NRS GEARED LBS. RESILIENT WEDGE GATE VALVE		SHEET NO: 5 TOTAL SHEETS: 8
DATE: 10/01/2009 DRAWN BY: CW CHECKED BY:	SCALE: 1:5 PROJECT NO: 1001/2009	REV: 1 DESCRIPTION:	DATE: 10/01/2009 DRAWN BY: CW CHECKED BY:	



COMPANY: SOLOWORKS ADDRESS: 10000 W. 10th Ave., Suite 100, Denver, CO 80202 PHONE: (303) 751-1000 FAX: (303) 751-1001 WWW: www.soloworks.com		PROJECT: 04" C515 NRS GEARED RESILIENT WEDGE GATE VALVE DRAWING NO: 2638 DATE: 10/01/2020		SHEET NO: 6 TOTAL SHEETS: 8	
DESIGNER: TJ CHECKED: AW APPROVED: AW		SCALE: 1:1 UNIT: INCHES TOLERANCE: ±0.005		MATERIAL: CAST IRON FINISH: AS FOUNDRY	
REVISIONS:		REVISIONS:		REVISIONS:	
1. 10/01/2020		1. 10/01/2020		1. 10/01/2020	

<u>ITEM NO.</u>	<u>COMPONENT</u>	<u>QTY.</u>	<u>SIZE</u>	<u>STANDARD MATERIAL</u>	<u>MATERIAL OPTIONS</u>
1	BODY	1	-	DUCTILE IRON	-
2	COVER	1	-	DUCTILE IRON	-
3	STEM	1	-	C86200	C99500 (LOW ZINC), 304 SS, 316 SS
4	O-RING	3	#212	EPDM	BUNA-N
5	THRUST WASHER	2	1 3/8"	ACETAL	C26000
6	WEDGE	1	-	EPDM/DUCTILE IRON	-
7	STEM NUT	1	-	C87850	C87610 (LOW ZINC)
8	O-RING	1	#331	EPDM	BUNA-N
9	O-RING	1	#437	EPDM	BUNA-N
10	MOTOR MOUNT BRACKET	1	-	COLD ROLLED STEEL	-
11	STEM KEY	1	1/4" X 2 1/2"	18-8 SS	316 SS
12	HEX HEAD CAP SCREW	4	3/8"-16 X 1 1/4"	18-8 SS	316 SS
13	HEX HEAD CAP SCREW	2	5/8"-11 X 2"	18-8 SS	316 SS
14	HEX NUT	2	5/8"-11	18-8 SS	316 SS
15	HEX HEAD CAP SCREW	4	5/8"-11 X 1 3/4"	18-8 SS	316 SS
16	HEX NUT	4	1/2"-13	18-8 SS	316 SS
17	BEVEL GEAR	1	-	SPUR GEAR	-
18	COILED SPRING PIN	1	10MM X 45MM	18-8 SS	316 SS
19	OPERATING NUT	1	-	CAST IRON	DUCTILE IRON, C86700, ** Ø 10" HANDWHEEL **

- VALVES CONFORM WITH THE FOLLOWING STANDARDS
 - AWWA C515
 - NSF 61
- LOW ZINC BRASS STEM AND STEM NUT AVAILABLE
- 100% DOMESTIC FASTENERS AND ORINGS OPTIONS AVAILABLE
- *OPEN LEFT* (COUNTERCLOCKWISE) AND *OPEN RIGHT* (CLOCKWISE) OPTIONS AVAILABLE
- TURNS TO OPEN FROM FULLY CLOSED: 12
- AWWA MAXIMUM ALLOWABLE CLOSING TORQUE 75 FT-LBS INTO GEAR
- OPTIONAL HANDWHEEL CAN BE SUBSTITUTED FOR STANDARD 2" SQUARE OP. NUTS.
 - ****NOTE: STANDARD HANDWHEEL SIZE LISTED OUT IN PARTS LIST.****

<small> COMPANY: SWISS VALVE ADDRESS: 10000 SWISS VALVE DRIVE, SUITE 100, CHICAGO, IL 60642 PHONE: (773) 447-1000 FAX: (773) 447-1001 WWW: WWW.SWISSVALVE.COM </small>		<small> PRODUCT: 04" C515 NRS GEARED RESILIENT WEDGE GATE VALVE LBS: T110 DATE: 10/01/2023 DRAWN BY: SWISS CHECKED BY: SWISS APPROVED BY: SWISS </small>		
<small> PART NO: 04" C515 NRS GEARED RESILIENT WEDGE GATE VALVE REV: 1 DATE: 10/01/2023 </small>			<small> DRAWING NO: 04" C515 NRS GEARED RESILIENT WEDGE GATE VALVE REV: 1 DATE: 10/01/2023 </small>	<small> SHEET NO: 8 TOTAL SHEETS: 8 </small>