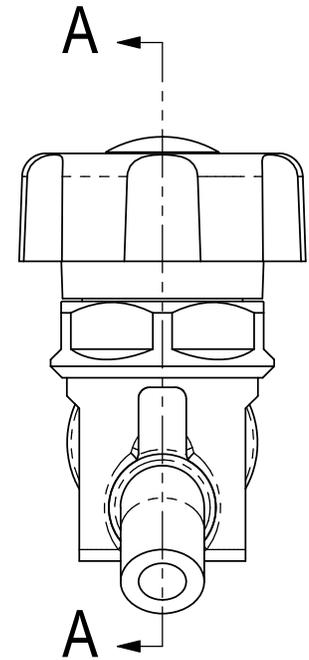
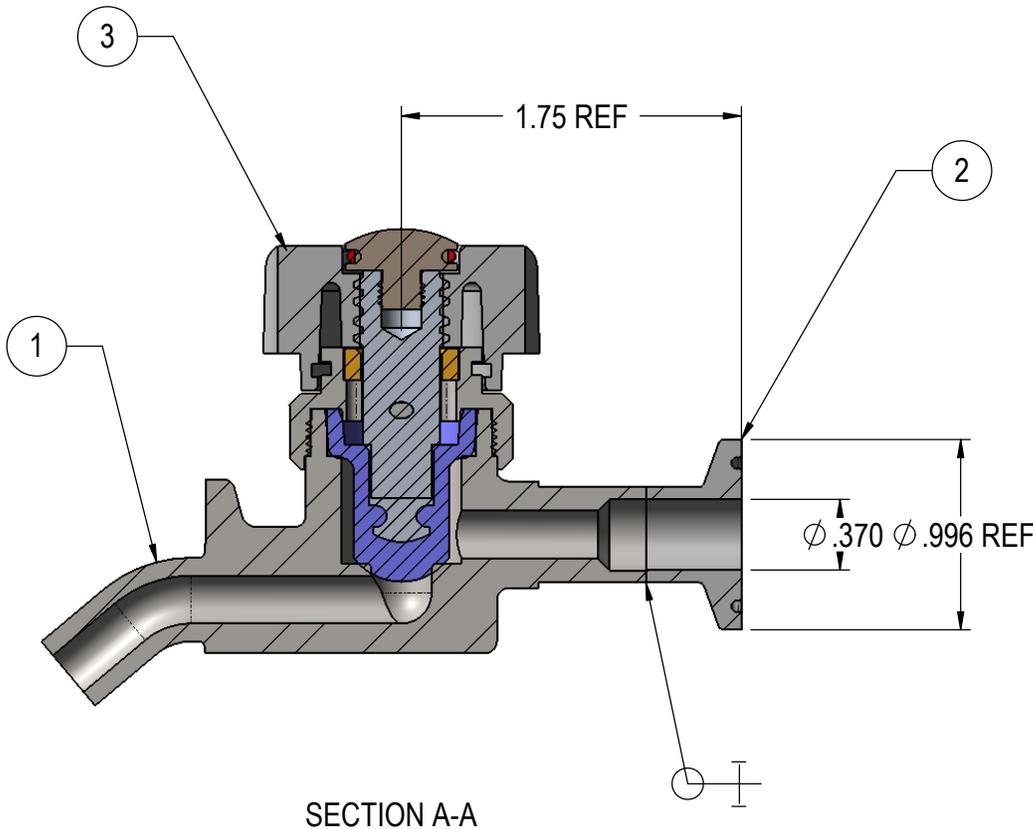
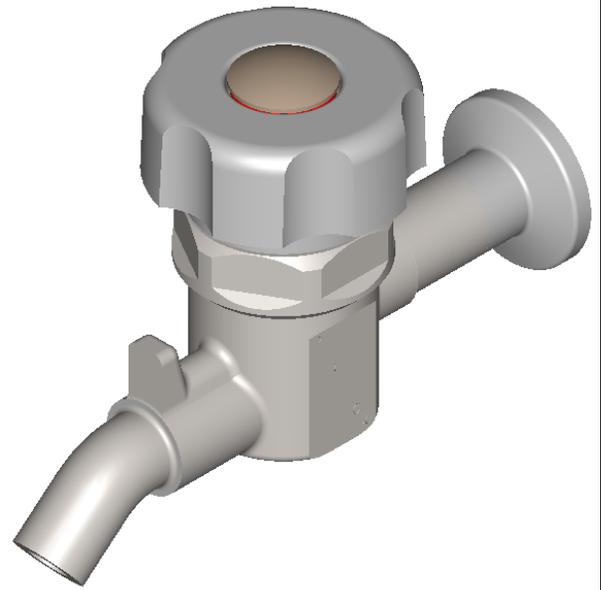


ITEM	REQ'D	NAME	MATERIAL	PART NO.	DWG NO.
1	1	BODY	S.ST.	F38304-2SS	38304 P 2
2	1	1/2" TRI-CLAMP	S.ST.	F36174-1SS	36174
3	1	BONNET ASSY	SEE BOM	SEE BOM	SEE BOM

**F38304SS - STAINLESS STEEL HANDLE**  
**F38304SSBLK - BLACK ULTEM HANDLE**  
**F38304SSAMBER - AMBER ULTEM HANDLE**

**ASSEMBLY NOTES:**

- 1) TIGHTEN BONNET ASSEMBLY TO BODY WITH 150 TO 175 INCH LBS OF TORQUE



SECTION A-A

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 .X = ±.05,  
 .XX = ±.01,  
 .XXX = ±.005,  
 ANGULAR: ±.5°, FRACTIONS: ±1/64  
 BREAK SHARP EDGES - .015 X 45°  
 RADIUS SHARP FILLETS - .015 TO .031

SIGNATURES		DATE
DESIGNED	JMS	9/29/2003
DRAWN	MH	2/21/2005
CHECKED		2/21/2005

**Perlick Corporation**  
 Milwaukee, Wisconsin

TITLE:  
**SAMPLING VALVE WITH 1/2" TRI-CLAMP**

BONNET WAS F38252

E	10-14-2014	MH
ADDED PT # TO ITEM 1 F38304-2SS		
D	1-26-2011	MH
C	8/4/2004	MH

REVISIONS

MATERIAL:	QTY.:
	FINISH:

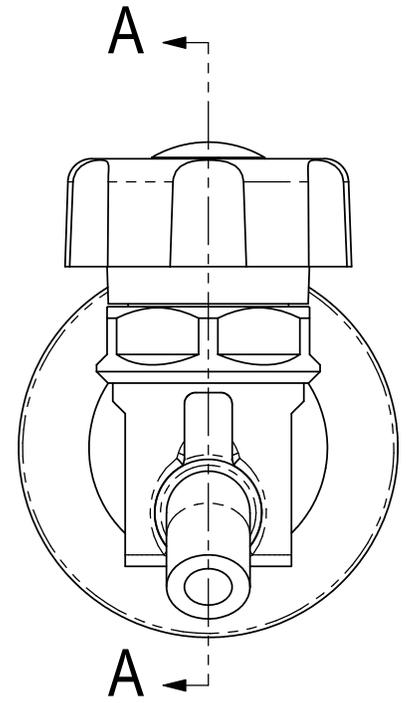
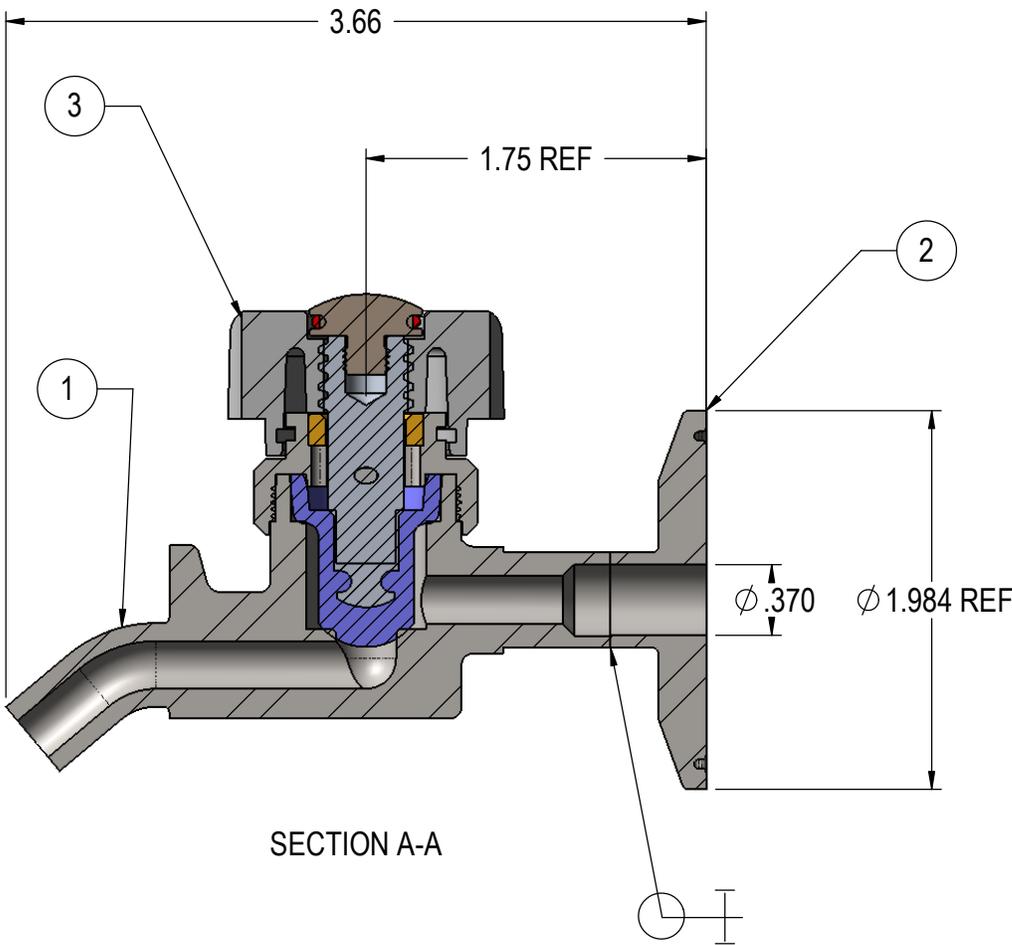
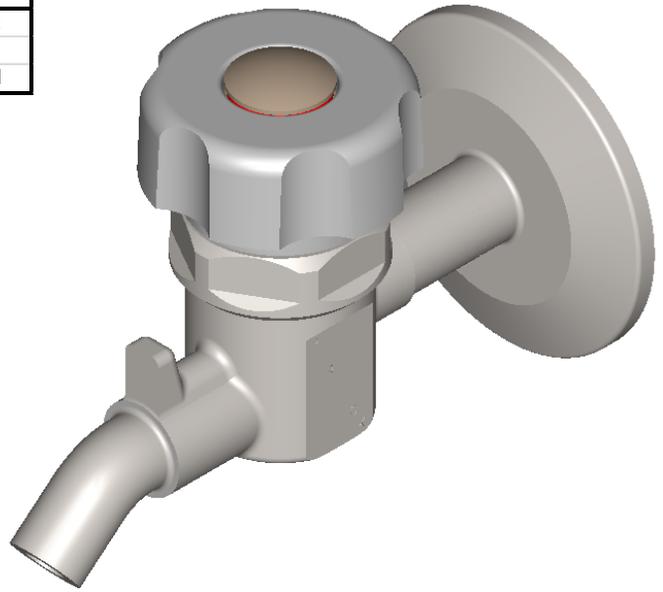
REFERENCE:		
PART NO.	SEE BOM	DWG NO.
		<b>38304</b>
PURCHASE REC.:	SCALE = 1:1	SHEET 1 OF 1

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ITEM	REQ'D	NAME	MATERIAL	PART NO.	DWG NO.
1	1	BODY	S.ST.	F38304-2SS	38304 P 2
2	1	1-1/2" TRI-CLAMP	S.ST.	F37907-1SS530	37907
3	1	BONNET ASSY	SEE BOM	SEE BOM	SEE BOM

**F38305SS - STAINLESS STEEL HANDLE**  
**F38305SSBLK - BLACK ULTEM HANDLE**  
**F38305SSAMBER - AMBER ULTEM HANDLE**

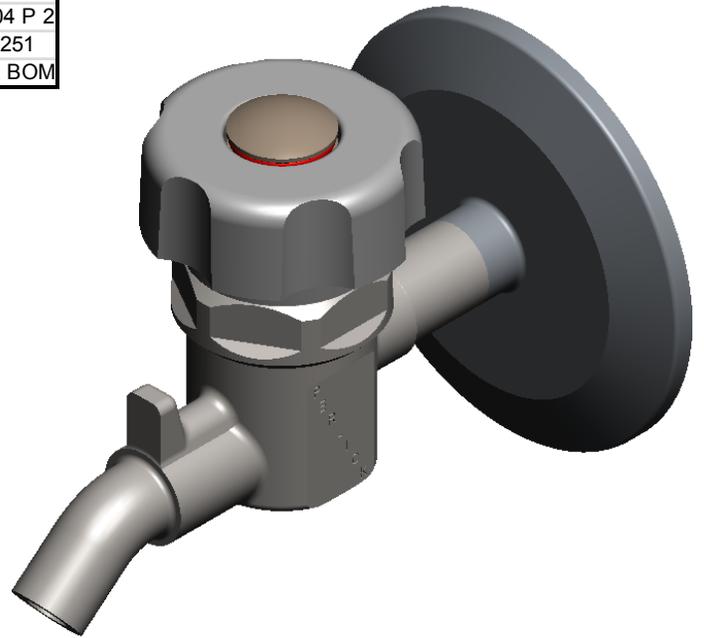
ASSEMBLY NOTES:  
 1) TIGHTEN BONNET ASSEMBLY TO BODY WITH 150 TO 175 INCH LBS OF TORQUE.



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: .X = ±.05, .XX = ±.01, .XXX = ±.005, ANGULAR: ±.5°, FRACTIONS: ±1/64 BREAK SHARP EDGES - .015 X 45° RADIUS SHARP FILLETS - .015 TO .031	<b>SIGNATURES</b>		<b>DATE</b>		<b>Perlick Corporation</b> Milwaukee, Wisconsin <b>TITLE:</b> <b>SAMPLING VALVE WITH</b> <b>1-1/2" TRI-CLAMP</b>	
	DESIGNED	JMS	9/29/2003			
	DRAWN	MH	2/21/2005			
	CHECKED		2/21/2005			
BONNET WAS F38252 <b>C</b> 10-14-2014 MH ADDED ITEM 1 PART NO F38304-2SS <b>B</b> 1-26-2011 MH ITEM 1 WAS F47101-1ESS530 <b>A</b> 12/15/2003 JMS <b>REVISIONS</b>	<b>MATERIAL:</b>		<b>QTY.:</b>		<b>REFERENCE:</b>	
			<b>FINISH:</b>		<b>PART NO.</b>	
					SEE BOM	
				<b>DWG NO.</b>		<b>38305</b> <b>SCALE = 1:1</b> <b>SHEET 1 OF 1</b>
				<b>PURCHASE REC.:</b>		
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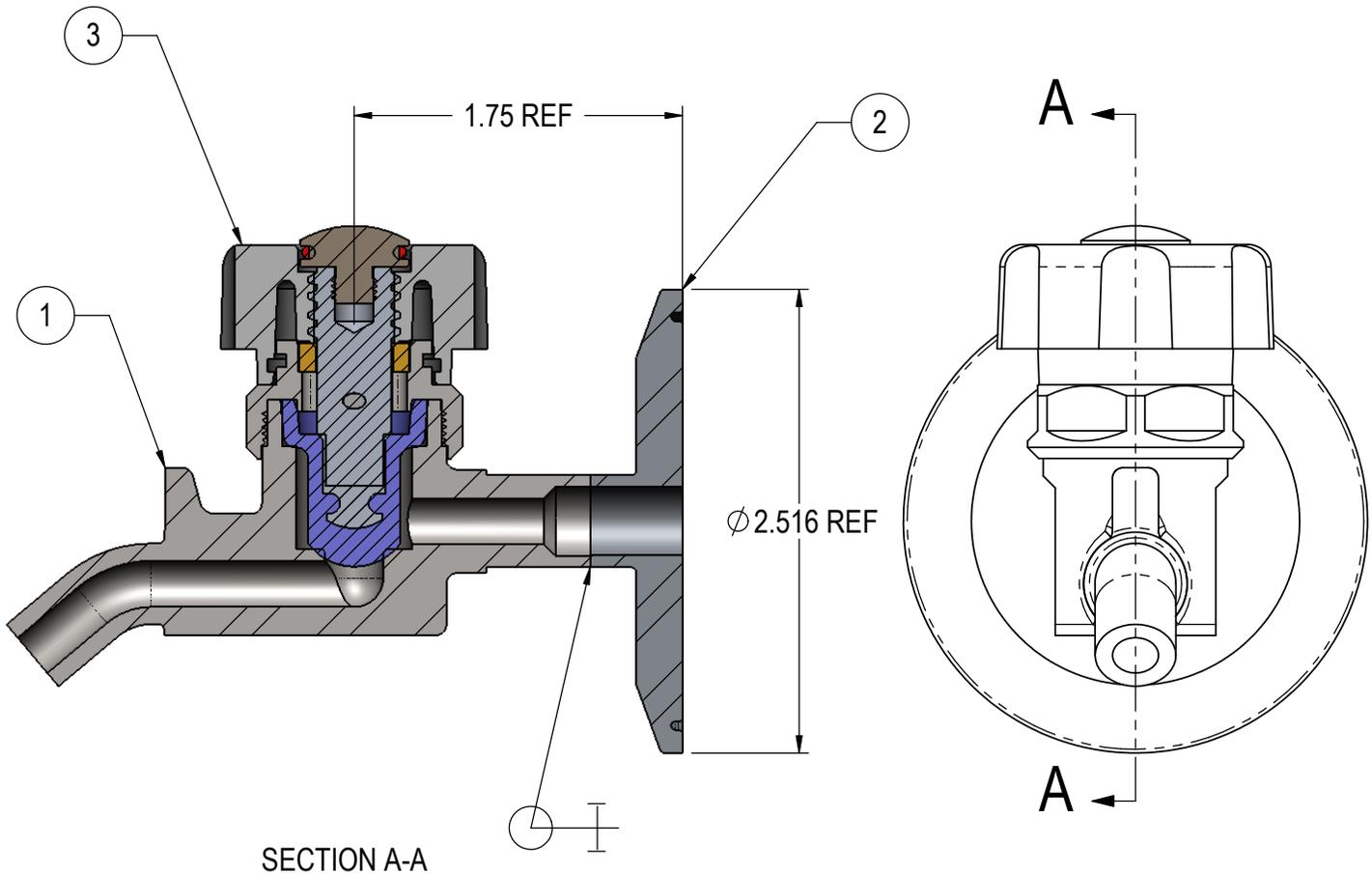
ITEM	REQ'D	NAME	MATERIAL	PART NO.	DWG NO.
1	1	BODY	S.ST.	F38304-2SS	38304 P 2
2	1	2" TRI-CLAMP	S.ST.	F38251-1SS530	38251
3	1	BONNET ASSY	SEE BOM	SEE BOM	SEE BOM

**F38306SS - STAINLESS STEEL HANDLE**  
**F38306SSBLK - BLACK ULTEM HANDLE**  
**F38306SSAMBER - AMBER ULTEM HANDLE**



**ASSEMBLY NOTES:**

- 1) TIGHTEN BONNET ASSEMBLY TO BODY WITH 150 TO 175 INCH LBS OF TORQUE.



SECTION A-A

UNLESS OTHERWISE SPECIFIED:  
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 TOLERANCES:  
 .X = ±.05,  
 .XX = ±.01,  
 .XXX = ±.005,  
 ANGULAR: ±.5°, FRACTIONS: ±1/64  
 BREAK SHARP EDGES - .015 X 45°  
 RADIUS SHARP FILLETS - .015 TO .031

SIGNATURES		DATE
DESIGNED	JMS	9/29/2003
DRAWN	MH	2/21/2005
CHECKED		2/21/2005

**Perlick Corporation**  
 Milwaukee, Wisconsin

TITLE:  
**SAMPLING VALVE WITH  
 2" TRI-CLAMP**

BONNET ASSY WAS F38252	
<b>C</b>	<b>10-14-2014 MH</b>
ADDED TO ITEM 1 PART NO# F38304-2SS	
<b>B</b>	<b>1-26-2011 MH</b>
ITEM 1 WAS F47101-1ESS530	
<b>A</b>	<b>12/15/2003 JMS</b>
<b>REVISIONS</b>	

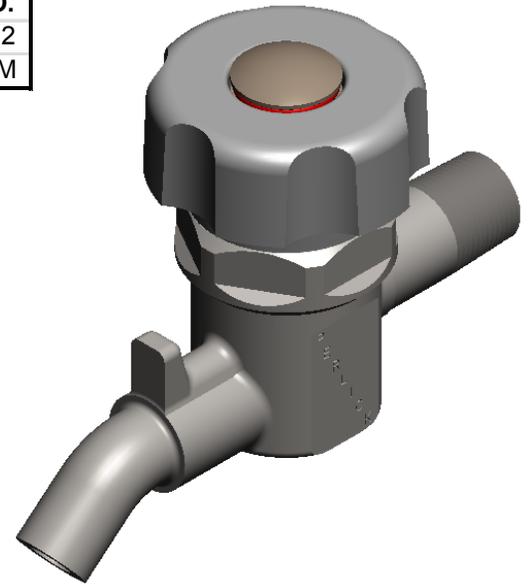
MATERIAL:	QTY.:
FINISH:	

REFERENCE:		
PART NO.	SEE BOM	DWG NO.
		<b>38306</b>
PURCHASE REC.:	SCALE = 1:1	SHEET 1 OF 1

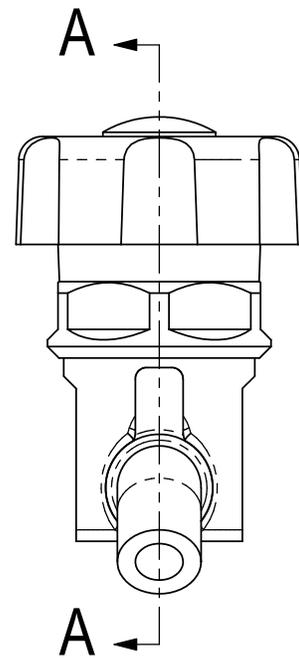
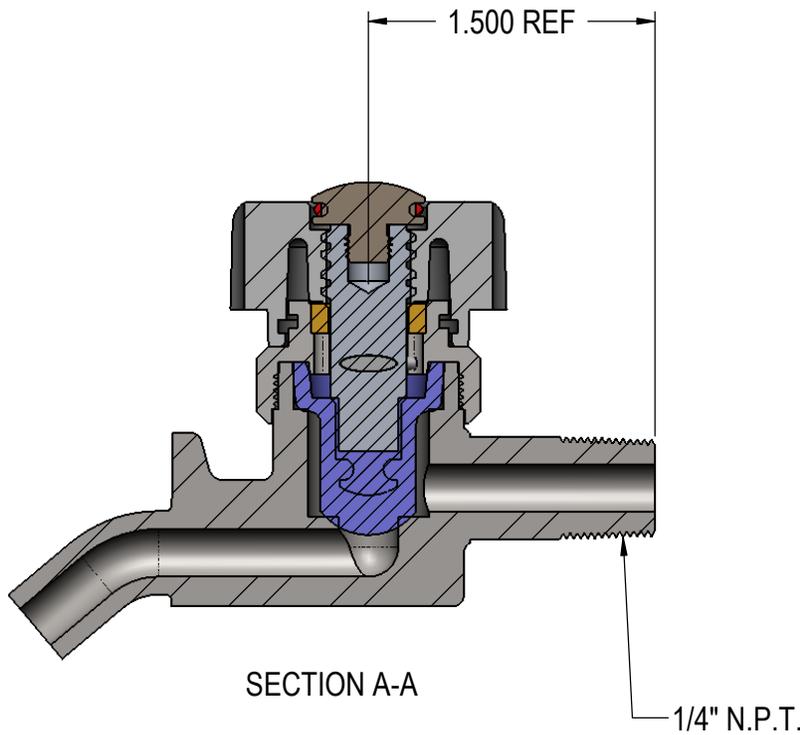
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ITEM	REQ'D	NAME	MATERIAL NO.	PART NO.	DWG NO.
1	1	BODY	S.ST.	F38302-2SS	38302 P 2
2	1	BONNET ASSY	SEE BOM	SEE BOM	SEE BOM

**F38302SS - STAINLESS STEEL HANDLE**  
**F38302SSBLK - BLACK ULTEM HANDLE**  
**F38302SSAMBER - AMBER ULTEM HANDLE**



**ASSEMBLY NOTES:**  
 1) TIGHTEN BONNET ASSEMBLY TO BODY WITH 150 TO 175 INCH LBS OF TORQUE.



**UNLESS OTHERWISE SPECIFIED:**  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 .X = ±.05,  
 .XX = ±.01,  
 .XXX = ±.005,  
 ANGULAR: ±.5°, FRACTIONS: ±1/64  
 BREAK SHARP EDGES - .015 X 45°  
 RADIUS SHARP FILLETS - .015 TO .031

SIGNATURES		DATE
DESIGNED	JMS	12/11/2003
DRAWN	MH	2/21/2005
CHECKED		2/21/2005

**Perlick Corporation**  
 Milwaukee, Wisconsin

TITLE: **SAMPLING VALVE WITH 1/4" N.P.T.**

ITEM 1 IS F38302-2SS
<b>C</b> 12/03/2014 MH
BONNET WAS F38252
<b>B</b> 10-14-2014 MH
ITEM 1 WAS F47101-1CSS539 DWG WAS 38302, EST SHT 2
<b>A</b> 12/15/2003 JMS

MATERIAL:	QTY.:
FINISH:	

REFERENCE:		
PART NO.	SEE BOM	DWG NO. <b>38302</b>
PURCHASE REC.:	SCALE = 1:1	SHEET 1 OF 1

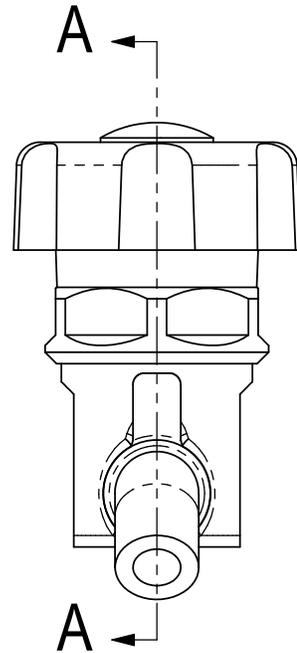
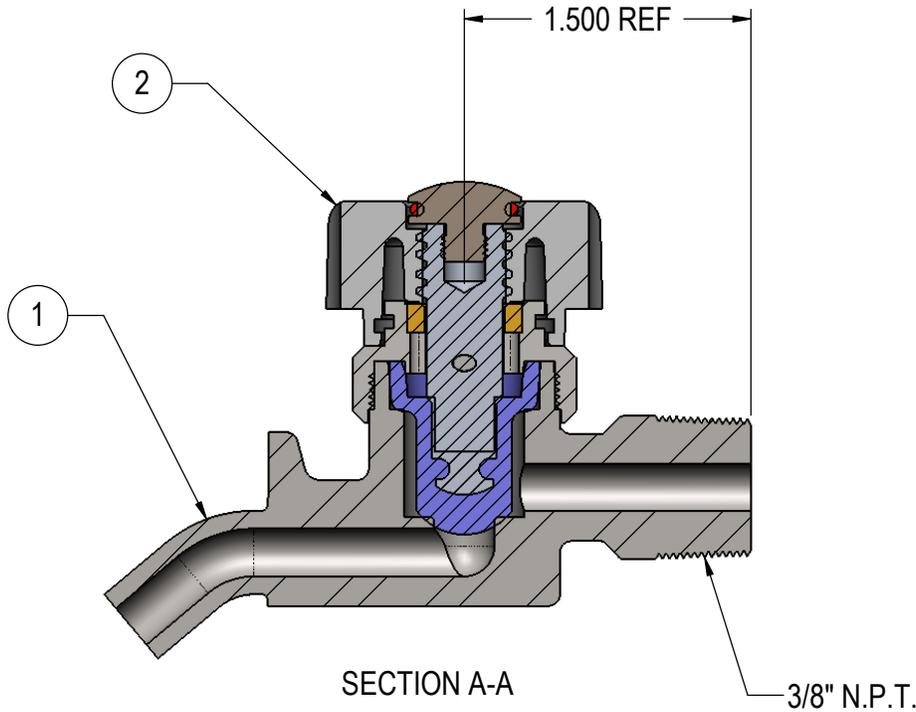
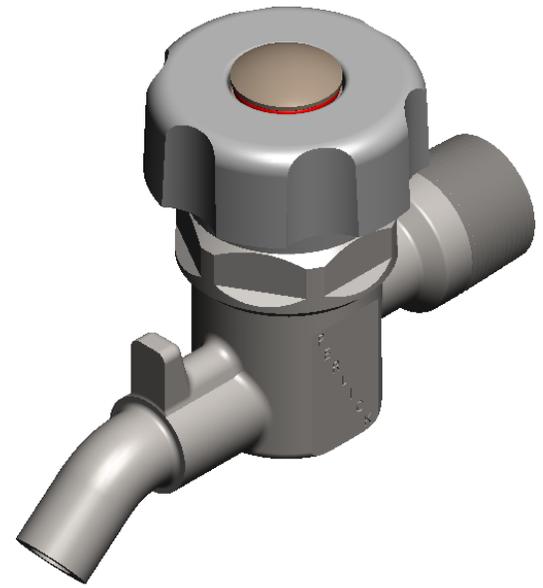
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ITEM	REQ'D	NAME	MATERIAL	PART NO.	DWG NO.
1	1	BODY	S.ST.	F38303-2SS	38303 P2
2	1	BONNET ASSY	S.ST.	SEE BOM	SEE BOM

**F38303SS - STAINLESS STEEL HANDLE**  
**F38303SSBLK - BLACK ULTEM HANDLE**  
**F38303SSAMBER - AMBER ULTEM HANDLE**

**ASSEMBLY NOTES:**

- 1) TIGHTEN BONNET ASSEMBLY TO BODY WITH 150 TO 175 INCH LBS OF TORQUE.



**UNLESS OTHERWISE SPECIFIED:**  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 .X = ±.05,  
 .XX = ±.01,  
 .XXX = ±.005,  
 ANGULAR: ±.5°, FRACTIONS: ±1/64  
 BREAK SHARP EDGES - .015 X 45°  
 RADIUS SHARP FILLETS - .015 TO .031

SIGNATURES		DATE
DESIGNED	JMS	9/29/2003
DRAWN	MH	2/21/2005
CHECKED		2/21/2005

**Perlick Corporation**  
 Milwaukee, Wisconsin

TITLE: **SAMPLING VALVE WITH 3/8" N.P.T.**

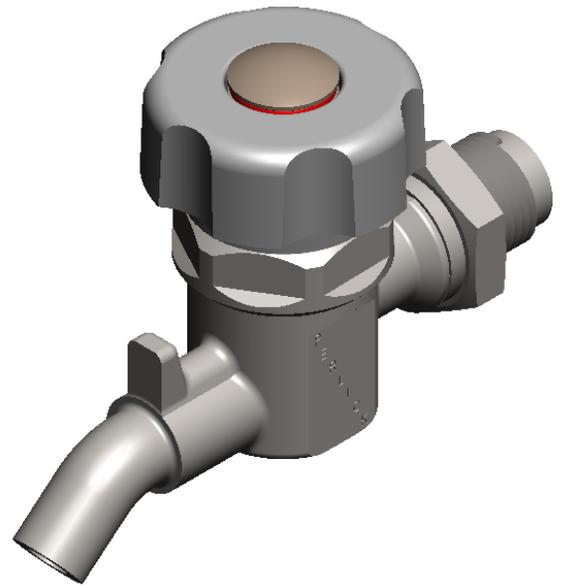
ITEM 1 IS F38303-2SS		
<b>C</b>	<b>12/03/2014</b>	<b>MH</b>
BONNET ASSY WAS F38252		
<b>B</b>	<b>10-14-2014</b>	<b>MH</b>
ITEM 1 WAS F47101-1BSS539		
EST 38303 SHT 2		
<b>A</b>	<b>12/15/2003</b>	<b>MH</b>
<b>REVISIONS</b>		

MATERIAL:	QTY.:
FINISH:	

REFERENCE:		
PART NO.	DWG NO.	
SEE BOM	<b>38303</b>	
<b>PURCHASE REC.:</b>	<b>SCALE = 1:1</b>	<b>SHEET 1 OF 1</b>

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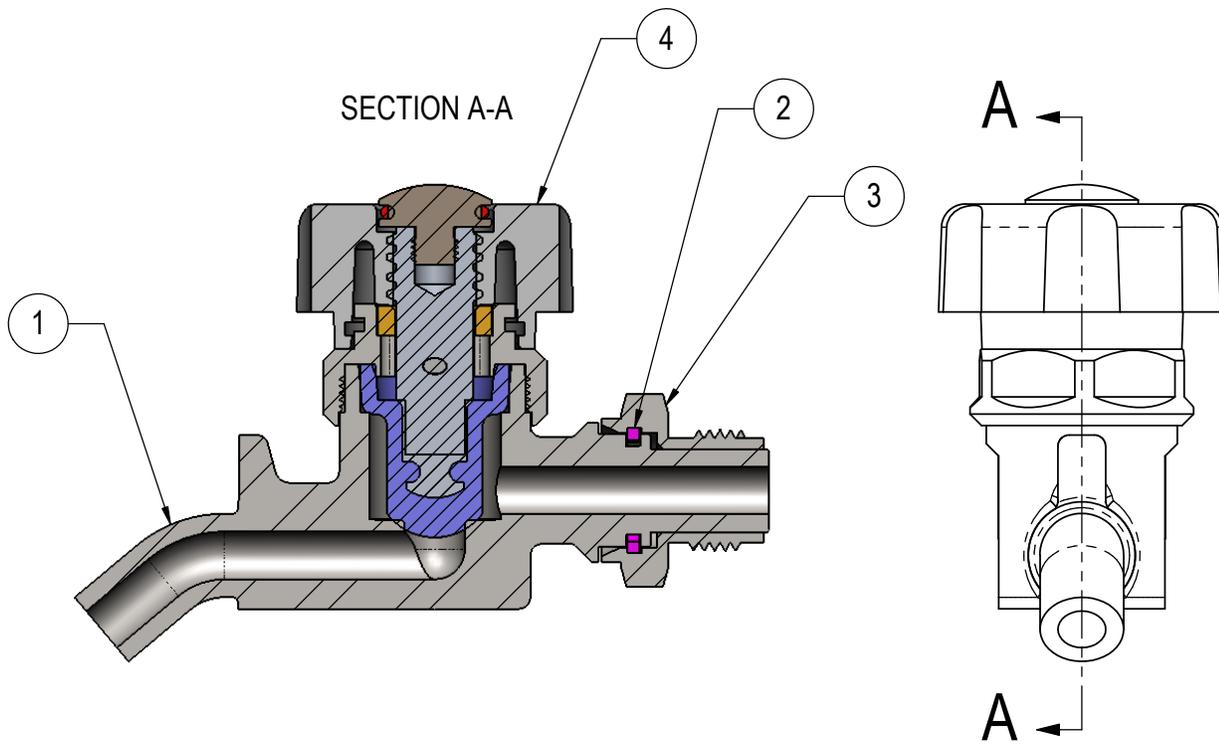
ITEM	REQ'D	NAME	MAT'L NO	PART NO	DWG NO
1	1	BODY	S.ST.	F38300-2SS	38300 P 2
2	1	SNAP RING	S.ST.	F37119-1SS	37119
3	1	ADAPTER	S.ST.	F37118-1SS539	37118
4	1	BONNET ASSY	SEE BOM	SEE BOM	SEE BOM



**F38300SS - STAINLESS STEEL HANDLE**  
**F38300SSBLK - BLACK ULTEM HANDLE**  
**F38300SSAMBER - AMBER ULTEM HANDLE**

**ASSEMBLY NOTES:**

- 1) USE PROPER ASSEMBLY FIXTURES TO INSTALL SNAP RING AND ADAPTER TO BODY.  
NOTE: MAKE SURE ADAPTER SPINS FREELY
- 2) PULL TEST ASSEMBLED ADAPTER AND DATE CODE.
- 3) TIGHTEN BONNET ASSEMBLY TO BODY WITH 150 TO 175 INCH LBS OF TORQUE.



BONNET WAS F38252

C 10-14-2014 MH

ADDED TO ITEM 1 PART # F38300-2SS

B 1-26-2011 MH

DWG WAS 38300  
1 WAS F47101-1ASS539  
EST SHT 2

A 12/15/2003 JMS

REVISIONS

**UNLESS OTHERWISE SPECIFIED:**

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TOLERANCES:  
.X = ±.05,  
.XX = ±.01,  
.XXX = ±.005,  
ANGULAR: ±.5°, FRACTIONS: ±1/64  
BREAK SHARP EDGES - .015 X 45°  
RADIUS SHARP FILLETS - .015 TO .031

**MATERIAL:**

STAINLESS STEEL

SIGNATURES		DATE
DESIGNED	JMS	9/30/2003
DRAWN	MH	2/18/2005
CHECKED		2/18/2005

QTY.:

FINISH:

**Perlick Corporation**  
Milwaukee, Wisconsin

**TITLE:**  
**SAMPLING VALVE WITH MALE SWIVEL  
AND BACTERIA PROOF THREAD**

REFERENCE:

PART NO.  
SEE BOM

DWG NO.

**38300**

**PURCHASE REC.:**

**SCALE = 1:1**

**SHEET 1 OF 1**

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