



**T&S BRASS AND BRONZE WORKS, INC.**  
 2 Saddleback Cove / P.O. Box 1088  
 Travelers Rest, SC 29690

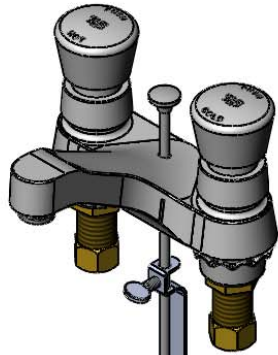
Model No.  
**B-0830**

Item No.

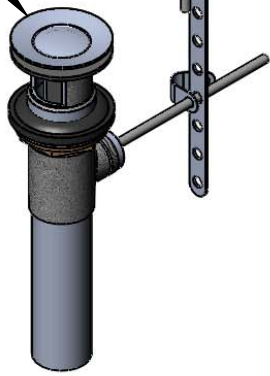
Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com



**ADA Compliant**



Furnished w/ Pop-Up  
 Drain Assembly



This Space for Architect/Engineer Approval

Job Name \_\_\_\_\_ Date \_\_\_\_\_

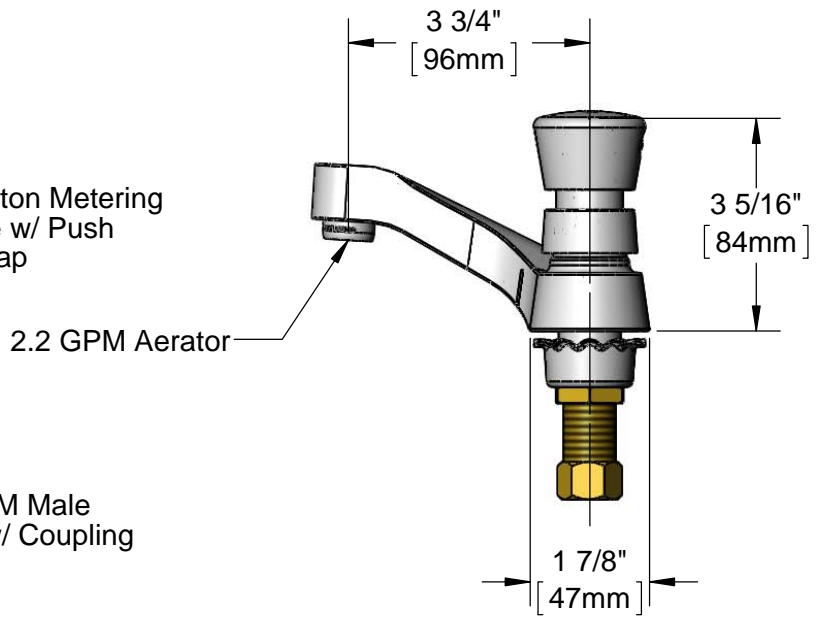
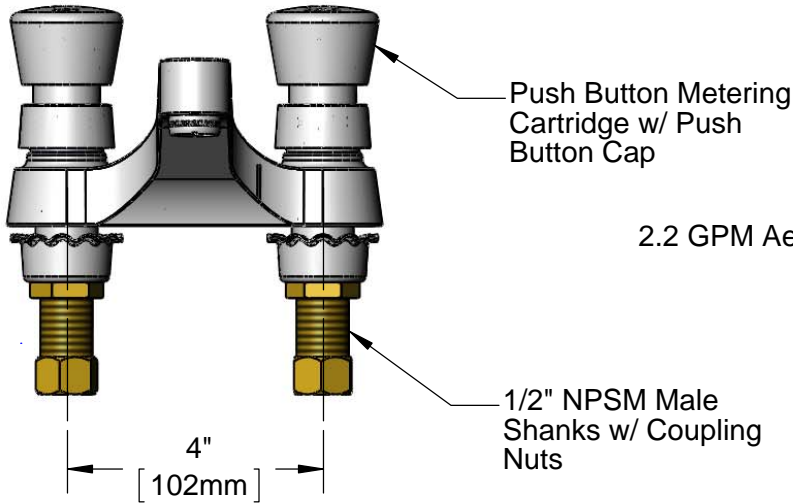
Model Specified \_\_\_\_\_ Quantity \_\_\_\_\_

Customer/Wholesaler \_\_\_\_\_

Contractor \_\_\_\_\_

Architect/Engineer \_\_\_\_\_

Furnished w/ 014734-45  
 Spanner Bit to Access  
 Metering Adjustment  
 (Metering Requires 3/32"  
 Hex Key)



**Product Specifications:**  
 4" Centerset Deck Mount Faucet w/ 1/2" NPSM Male Shanks, Push Button  
 Metering Cartridges, 2.2 GPM Aerator, 1/2" NPSM Male Inlets w/ Coupling  
 Nuts and Pop-Up Drain

**Product Compliance:**  
 ASME A112.18.1 / CSA B125.1  
 NSF 61 - Section 9  
 NSF 372 (Low Lead Content)  
 ANSI A117.1 (ADA)



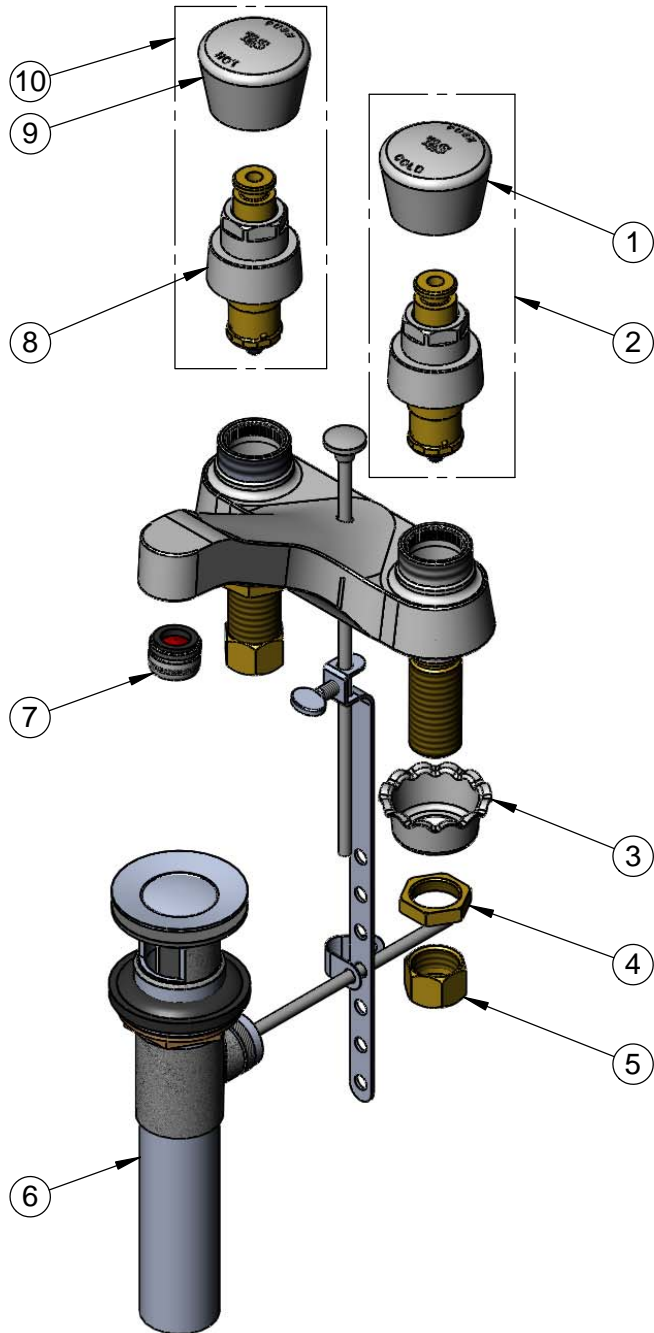
**T&S BRASS AND BRONZE WORKS, INC.**  
 2 Saddleback Cove / P.O. Box 1088  
 Travelers Rest, SC 29690

Model No.  
**B-0830**

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

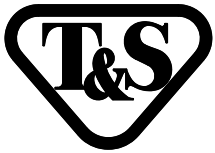
ITEM NO.	SALES NO.	DESCRIPTION
1	014195-40	Cold Push Button Cap w/ Spanner Bit
2	238AC	Metering Cartridge w/ Cold Push Button Cap & Spanner Bit
3	001000-45	Rosette Washer
4	002954-45	Shank Lock Nut
5	000958-20	Coupling Nut
6	B-0898	Pop-Up
7	B-0199-03	2.2 GPM Aerator
8	238A	Push Button Metering Cartridge
9	014194-40	Hot Push Button Cap w/ Spanner Bit
10	238AH	Metering Cartridge w/ Hot Push Button Cap & Spanner Bit



014734-45  
Spanner Bit

Product Specifications:  
 4" Centerset Deck Mount Faucet w/ 1/2" NPSM Male Shanks, Push Button Metering Cartridges, 2.2 GPM Aerator, 1/2" NPSM Male Inlets w/ Coupling Nuts and Pop-Up Drain

Product Compliance:  
 ASME A112.18.1 / CSA B125.1  
 NSF 61 - Section 9  
 NSF 372 (Low Lead Content)  
 ANSI A117.1 (ADA)



# T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088  
Travelers Rest, SC 29690

Model No.

**B-0831**

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com



**ADA Compliant**

This Space for Architect/Engineer Approval

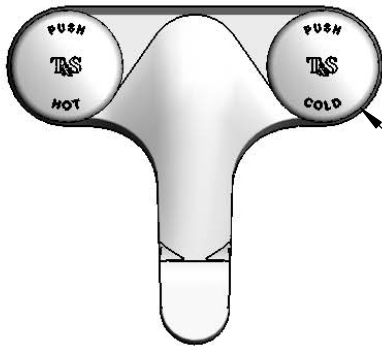
Job Name \_\_\_\_\_ Date \_\_\_\_\_

Model Specified \_\_\_\_\_ Quantity \_\_\_\_\_

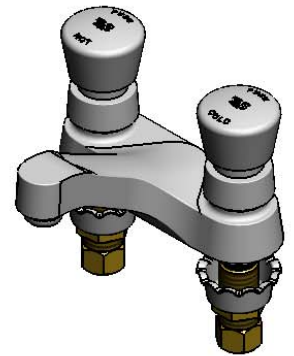
Customer/Wholesaler \_\_\_\_\_

Contractor \_\_\_\_\_

Architect/Engineer \_\_\_\_\_

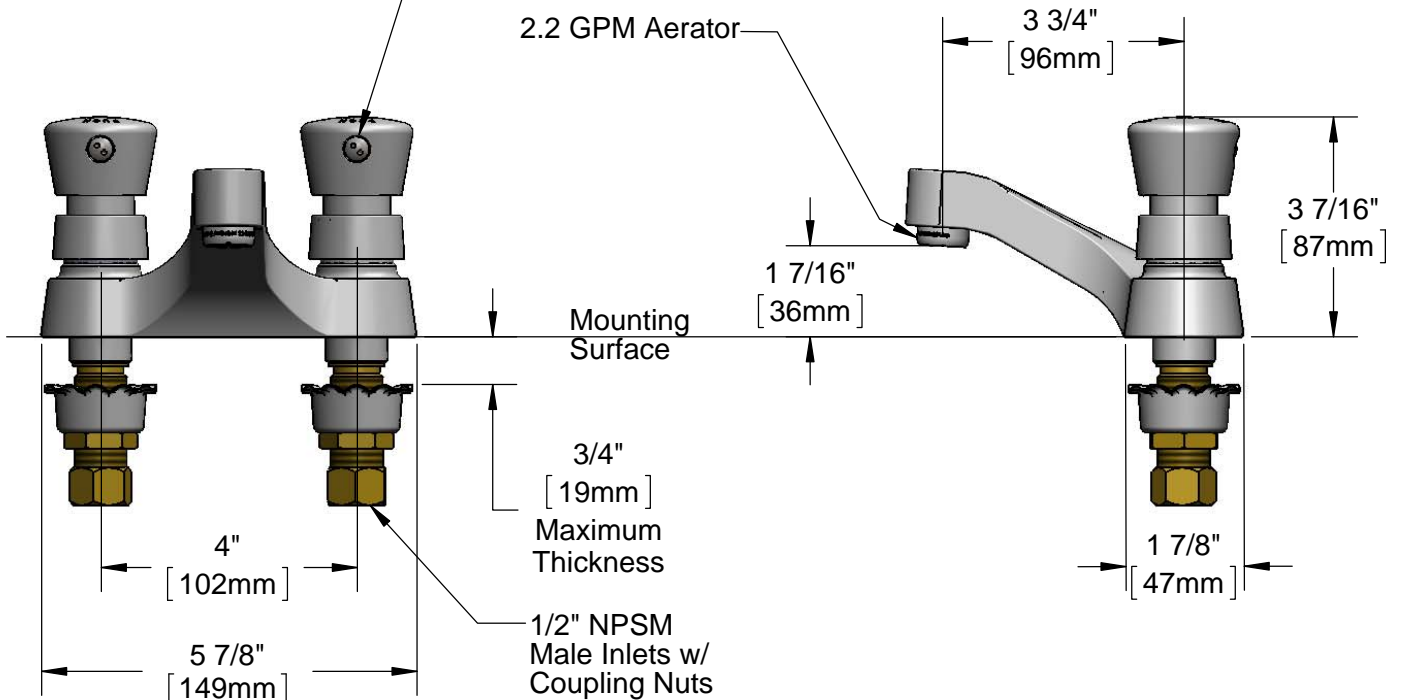


Push Button Metering Cartridges  
w/ Hot & Cold Handles and  
Vandal Resistant Screws



Vandal Resistant Screw.  
Loosen Screw (Do Not Remove)  
and Pull Off Push Button Assembly  
to Access Metering Adjustment.  
(Metering Adjustment Requires  
3/32" Hex Key)

2.2 GPM Aerator



Rough-In Requirement :

Ø 1 1/8" [Ø 29mm] Mounting Holes

**Product Specifications:**

4" Centerset Deck Mount Faucet, Push Button Metering Cartridges, 2.2 GPM Aerator & 1/2" NPSM Male Inlets w/ Coupling Nuts

**Product Compliance:**

ASME A112.18.1 / CSA B125.1  
NSF 61 - Section 9  
NSF 372 (Low Lead Content)  
ANSI A117.1 (ADA)



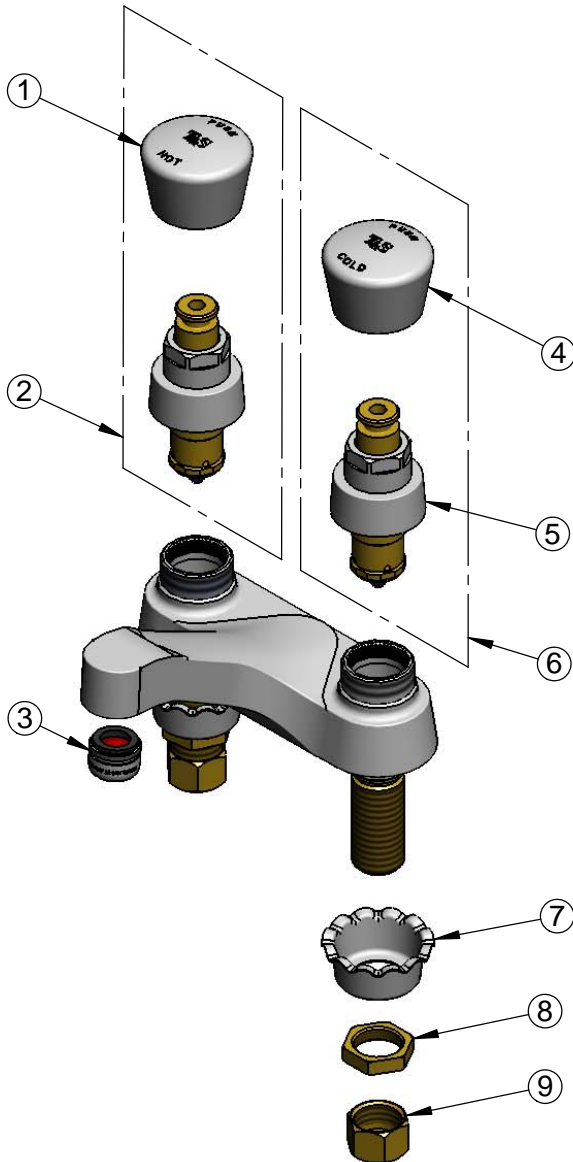
**T&S BRASS AND BRONZE WORKS, INC.**  
 2 Saddleback Cove / P.O. Box 1088  
 Travelers Rest, SC 29690

Model No.  
**B-0831**

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

ITEM NO.	SALES NO.	DESCRIPTION
1	014194-40	Hot Push Button Cap w/ Spanner Bit
2	238AH	Metering Cartridge w/ Hot Push Button Cap & Spanner Bit
3	B-0199-03	2.2 GPM Aerator, 13/16-27 UN Male
4	014195-40	Cold Push Button Cap w/ Spanner Bit
5	238A	Push Button Metering Cartridge
6	238AC	Metering Cartridge w/ Cold Push Button Cap & Spanner Bit
7	001000-45	Rosette Washer
8	002954-45	Shank Lock Nut
9	000958-20	Coupling Nut



Product Specifications:  
 4" Centerset Deck Mount Faucet, Push Button Metering Cartridges, 2.2 GPM Aerator & 1/2" NPSM Male Inlets w/ Coupling Nuts

Product Compliance:  
 ASME A112.18.1 / CSA B125.1  
 NSF 61 - Section 9  
 NSF 372 (Low Lead Content)  
 ANSI A117.1 (ADA)



# T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088  
Travelers Rest, SC 29690



REG. #A2601  
ISO #9001

Model No.

**B-0831-WS**

Item No.

Travelers Rest, SC: 800-476-4103 Simi Valley, CA: 800-423-0150 Fax: 864-834-3518 www.tsbrass.com

This Space for Architect/Engineer Approval

Job Name \_\_\_\_\_ Date \_\_\_\_\_

Model Specified \_\_\_\_\_ Quantity \_\_\_\_\_

Customer/Wholesaler \_\_\_\_\_

Contractor \_\_\_\_\_

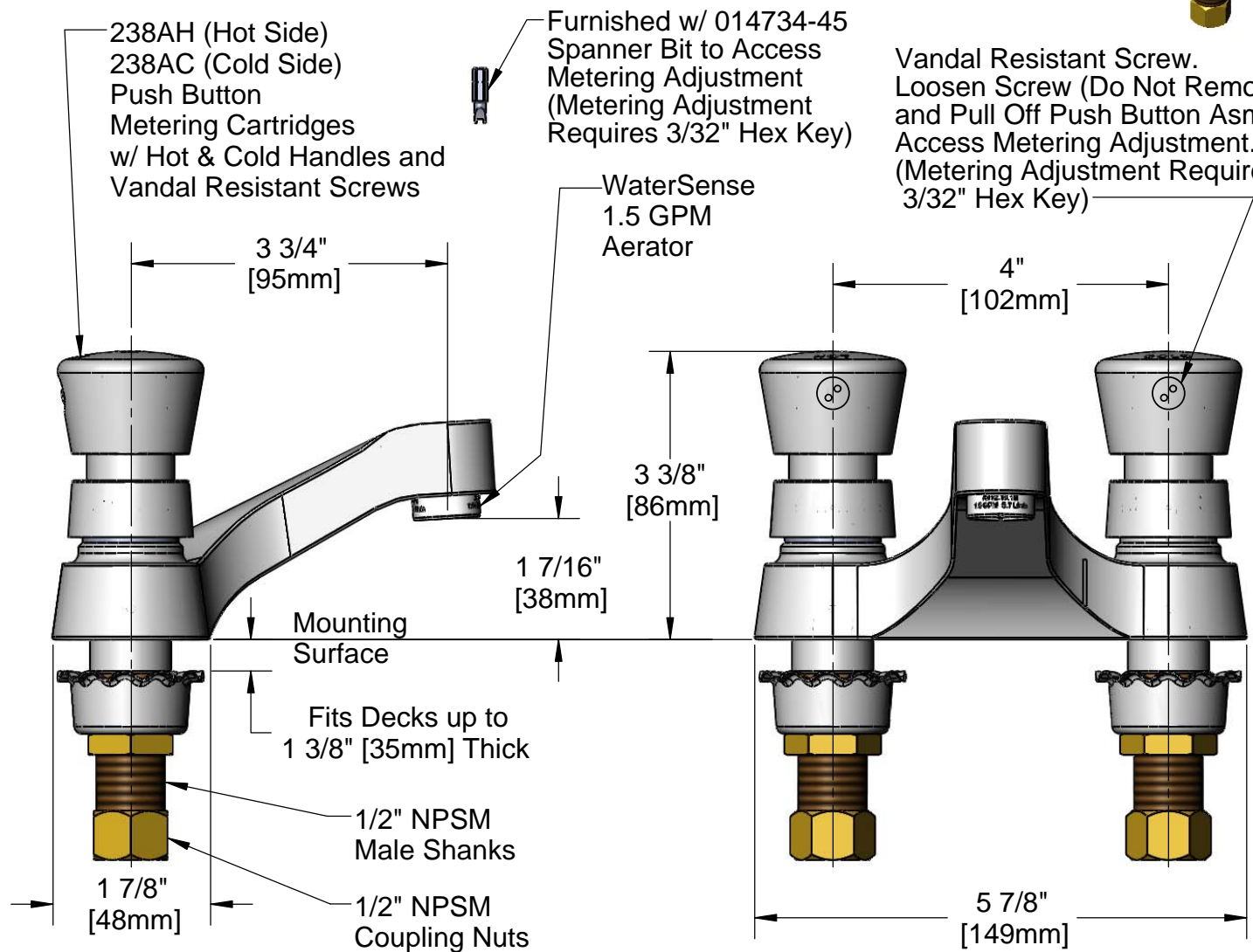
Architect/Engineer \_\_\_\_\_



**ADA Compliant**



Vandal Resistant Screw.  
Loosen Screw (Do Not Remove)  
and Pull Off Push Button Asm to  
Access Metering Adjustment.  
(Metering Adjustment Requires  
3/32" Hex Key)



Note: Rough-In Requirement  
Ø 1 1/8" [Ø 29mm] Holes

Product Specifications:

**4" Centerset Metering & Mixing Faucet w/ Push  
Button Metering Cartridges & 1.5 GPM Aerator**

Drawn <b>KJG</b>	Checked <b>GEF</b>	Approved <b>JHB</b>
Scale: <b>1:2</b>		Date: <b>06/16/11</b>



**T&S BRASS AND BRONZE WORKS, INC.**

2 Saddleback Cove / P.O. Box 1088  
Travelers Rest, SC 29690



REG. #A2601  
ISO #9001

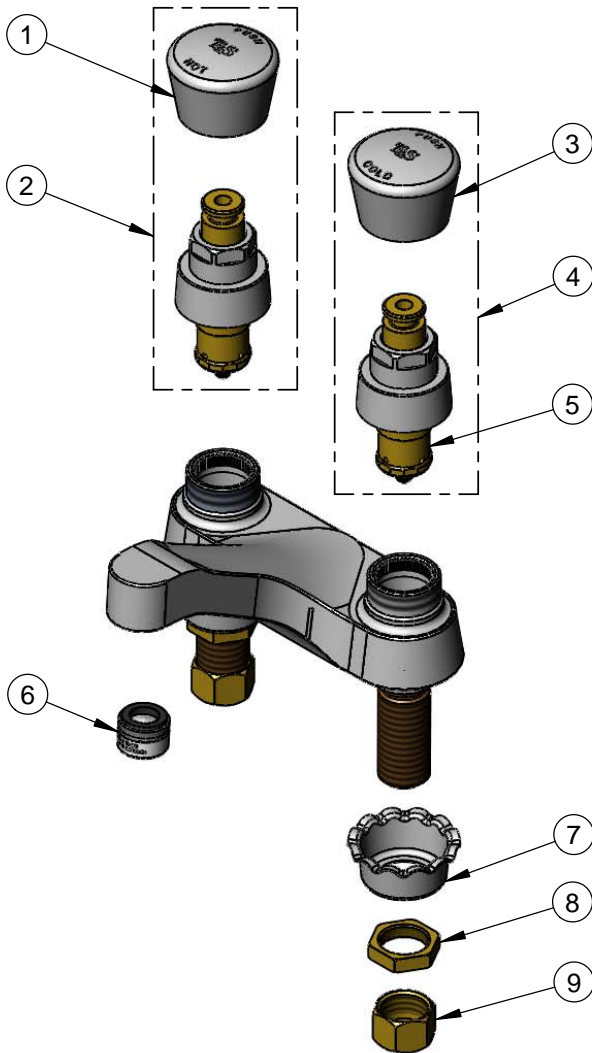
Model No.

**B-0831-WS**

Item No.

Travelers Rest, SC: 800-476-4103 Simi Valley, CA: 800-423-0150 Fax: 864-834-3518 www.tsbrass.com

ITEM NO.	SALES NO.	DESCRIPTION
1	014194-40	Hot Cap Assembly
2	238AH	Push Button Metering Cartridge w/ Hot Push Button Asm & Spanner Bit
3	014195-40	Cold Cap Assembly
4	238AC	Push Button Metering Cartridge w/ Cold Push Button Asm & Spanner Bit
5	238A	Push Button Metering Cartridge
6	B-0199-03-WS	1.5 GPM Aerator, 13/16-27 Male
7	001000-45	Rosette Washer
8	002954-45	Shank Lock Nut
9	000958-20	Coupling Nut
10	014734-45	Spinner Bit



Product Specifications:

**4" Centerset Metering & Mixing Faucet w/ Push Button Metering Cartridges & 1.5 GPM Aerator**

Drawn <b>KJG</b>	Checked <b>GEF</b>	Approved <b>JHB</b>
Scale: <b>NTS</b>		Date: <b>06/16/11</b>



# T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088  
Travelers Rest, SC 29690

Model No.

**B-0831-VF05**

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com



**ADA Compliant**

This Space for Architect/Engineer Approval

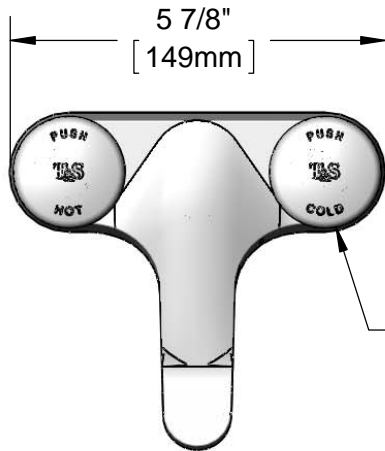
Job Name \_\_\_\_\_ Date \_\_\_\_\_

Model Specified \_\_\_\_\_ Quantity \_\_\_\_\_

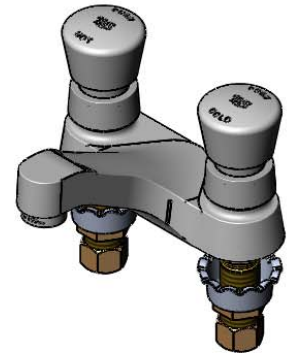
Customer/Wholesaler \_\_\_\_\_

Contractor \_\_\_\_\_

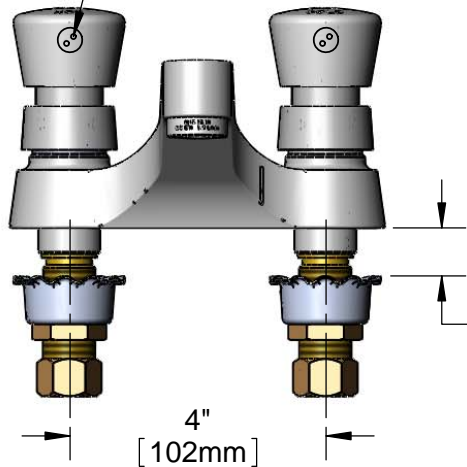
Architect/Engineer \_\_\_\_\_



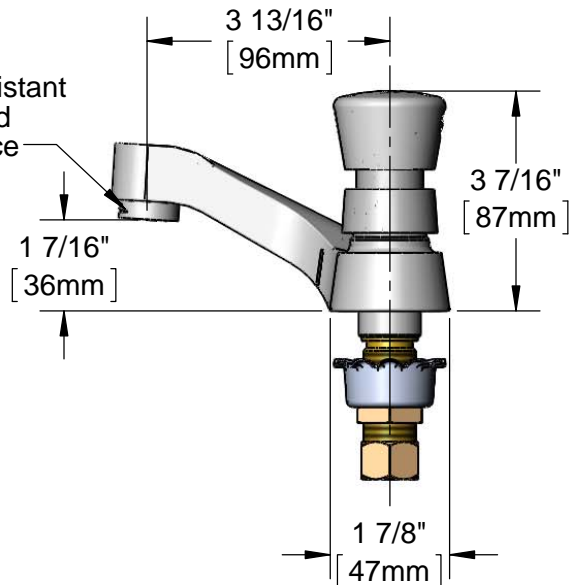
Push Button Metering Cartridges  
w/ Hot & Cold Handles and  
Vandal Resistant Screws



Vandal Resistant Screw.  
Loosen Screw (Do Not Remove)  
and Pull Off Push Button Asm to  
Access Metering Adjustment.  
(Metering Adjustment Requires  
3/32" Hex Key)



0.5 GPM  
Vandal Resistant  
Non-Aerated  
Spray Device



**Rough-In Requirement:**  
Ø 1 1/8" [Ø 29mm] Mounting Holes

**Product Specifications:**  
4" Centerset Deck Mount Mixing Faucet w/ Push Button Metering Cartridges,  
0.5 GPM Vandal Resistant Non-Aerated Spray Device & 1/2" NPSM Male  
Inlets w/ Coupling Nuts

**Product Compliance:**  
ASME A112.18.1 / CSA B125.1  
NSF 61 - Section 9  
NSF 372 (Low Lead Content)  
ANSI A117.1 (ADA)



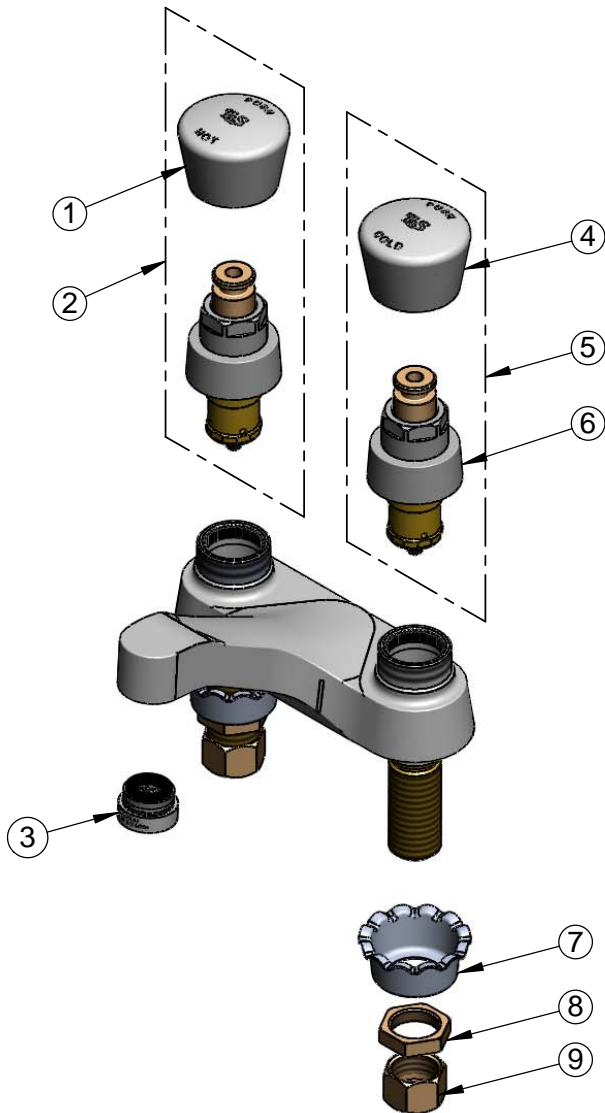
**T&S BRASS AND BRONZE WORKS, INC.**  
 2 Saddleback Cove / P.O. Box 1088  
 Travelers Rest, SC 29690

Model No.  
**B-0831-VF05**

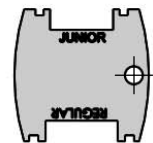
Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

ITEM NO.	SALES NO.	DESCRIPTION
1	014194-40	Hot Push Button Cap w/ Spanner Bit
2	238AH	Metering Cartridge w/ Hot Push Button Cap & Spanner Bit
3	B-0199-08-N05	0.5 GPM VR Spray Device, 13/16-27 UN Male
4	014195-40	Cold Push Button Cap w/ Spanner Bit
5	238AC	Metering Cartridge w/ Cold Push Button Cap & Spanner Bit
6	238A	Push Button Metering Ctg.
7	001000-45	Rosette Washer
8	002954-45	Shank Lock Nut
9	000958-20	Coupling Nut



014734-45  
 Spanner Bit for  
 Vandal Resistant Screw



015425-45  
 Vandal Resistant Key  
 (Included w/ Spray Device)

**Product Specifications:**

4" Centerset Deck Mount Mixing Faucet w/ Push Button Metering Cartridges,  
 0.5 GPM Vandal Resistant Non-Aerated Spray Device & 1/2" NPSM Male  
 Inlets w/ Coupling Nuts

**Product Compliance:**

ASME A112.18.1 / CSA B125.1  
 NSF 61 - Section 9  
 NSF 372 (Low Lead Content)  
 ANSI A117.1 (ADA)





# T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088  
Travelers Rest, SC 29690

Model No.

**B-0831-VR**

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com



**ADA Compliant**

This Space for Architect/Engineer Approval

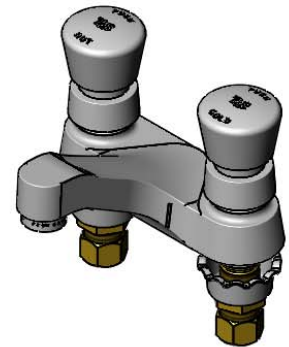
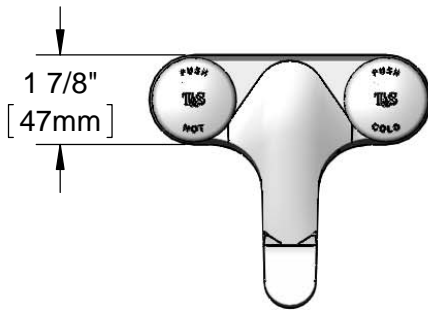
Job Name \_\_\_\_\_ Date \_\_\_\_\_

Model Specified \_\_\_\_\_ Quantity \_\_\_\_\_

Customer/Wholesaler \_\_\_\_\_

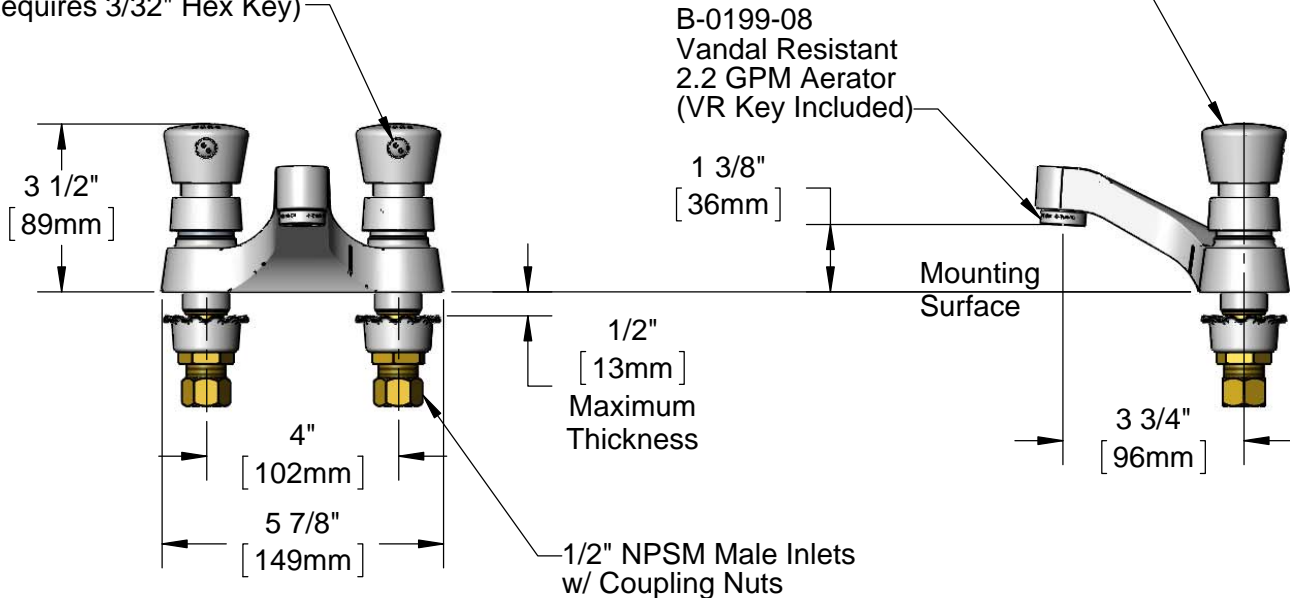
Contractor \_\_\_\_\_

Architect/Engineer \_\_\_\_\_



Vandal Resistant Screw.  
Loosen Screw (Do Not Remove)  
and Pull Off Push Button Asm to  
Access Metering Adjustment.  
(Metering Adjustment  
Requires 3/32" Hex Key)

238AH (Hot Side)  
238AC (Cold Side)  
Push Button Metering Cartridges  
w/ Hot & Cold Handles &  
Vandal Resistant Screws  
(Spanner Bit Included)



**Rough-In Requirement**  
(2)  $\phi$  1 1/8" [ $\phi$  30mm] Holes

**Product Specifications:**  
4" Centerset Metering & Mixing Faucet w/ Push Button Metering  
Cartridges & Vandal Resistant 2.2 GPM Aerator

**Product Compliance:**  
ASME A112.18.1 / CSA B125.1  
NSF 61 - Section 9  
NSF 372 (Low Lead Content)  
ANSI A117.1 (ADA)



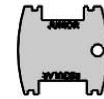
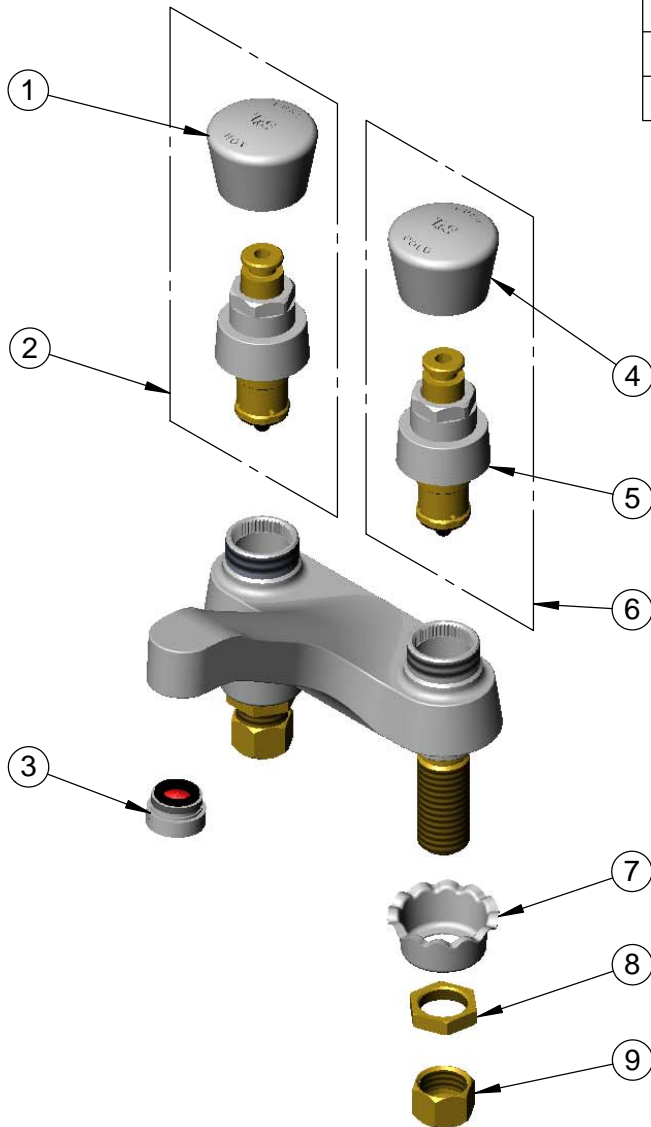
**T&S BRASS AND BRONZE WORKS, INC.**  
 2 Saddleback Cove / P.O. Box 1088  
 Travelers Rest, SC 29690

Model No.  
**B-0831-VR**

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

ITEM NO.	SALES NO.	DESCRIPTION
1	014194-40	Hot Push Button Cap Asm.
2	238AH	Push Button Metering Cartridge w/ Hot Push Button Asm & Spanner Bit
3	B-0199-08	VR 2.2 GPM Aerator, 13/16-27 UN Male w/ Key
4	014195-40	Cold Push Button Cap Asm.
5	238A	Push Button Metering Cartridge
6	238AC	Push Button Metering Cartridge w/ Cold Push Button Asm & Spanner Bit
7	001000-45	Rosette Washer
8	002954-45	Shank Lock Nut
9	000958-20	Coupling Nut



015425-45  
 Installation Key for  
 Vandal Resistant Aerator



014734-45  
 Spanner Bit for  
 Vandal Resistant Screw

Product Specifications:  
 4" Centerset Metering & Mixing Faucet w/ Push Button Metering  
 Cartridges & Vandal Resistant 2.2 GPM Aerator

Product Compliance:  
 ASME A112.18.1 / CSA B125.1  
 NSF 61 - Section 9  
 NSF 372 (Low Lead Content)  
 ANSI A117.1 (ADA)



# T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088  
Travelers Rest, SC 29690



REG. #A2601  
ISO #9001

Model No.

**B-0831-F05**

Item No.

Travelers Rest, SC: 800-476-4103 Simi Valley, CA: 800-423-0150 Fax: 864-834-3518 www.tsbrass.com

This Space for Architect/Engineer Approval

Job Name \_\_\_\_\_ Date \_\_\_\_\_

Model Specified \_\_\_\_\_ Quantity \_\_\_\_\_

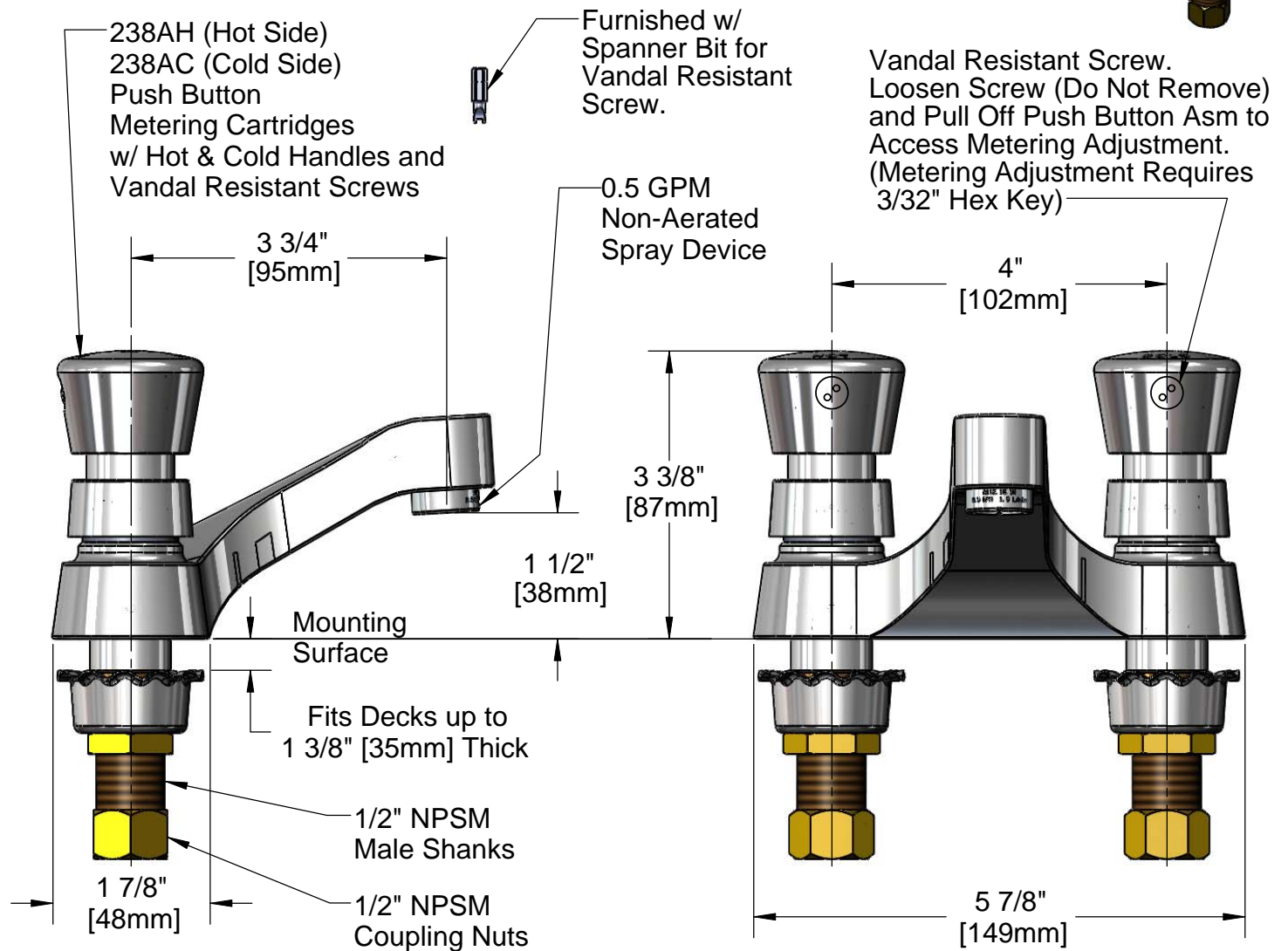
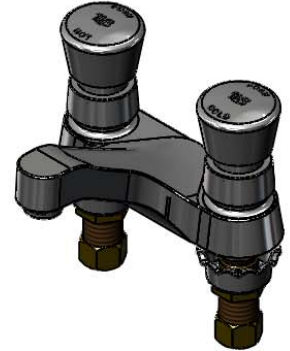
Customer/Wholesaler \_\_\_\_\_

Contractor \_\_\_\_\_

Architect/Engineer \_\_\_\_\_



**ADA Compliant**



Note: Rough-In Requirement  
Ø 1 1/8" [Ø 29mm] Holes

Product Specifications:

**4" Centerset Metering & Mixing Faucet w/ Push Button Metering Cartridges & 0.5 GPM Non-Aerated Spray Device**

Drawn <b>DMH</b>	Checked <b>KJG</b>	Approved <b>JHB</b>
Scale: <b>1:2</b>		Date: <b>07/09/10</b>



**T&S BRASS AND BRONZE WORKS, INC.**

2 Saddleback Cove / P.O. Box 1088  
Travelers Rest, SC 29690



REG. #A2601  
ISO #9001

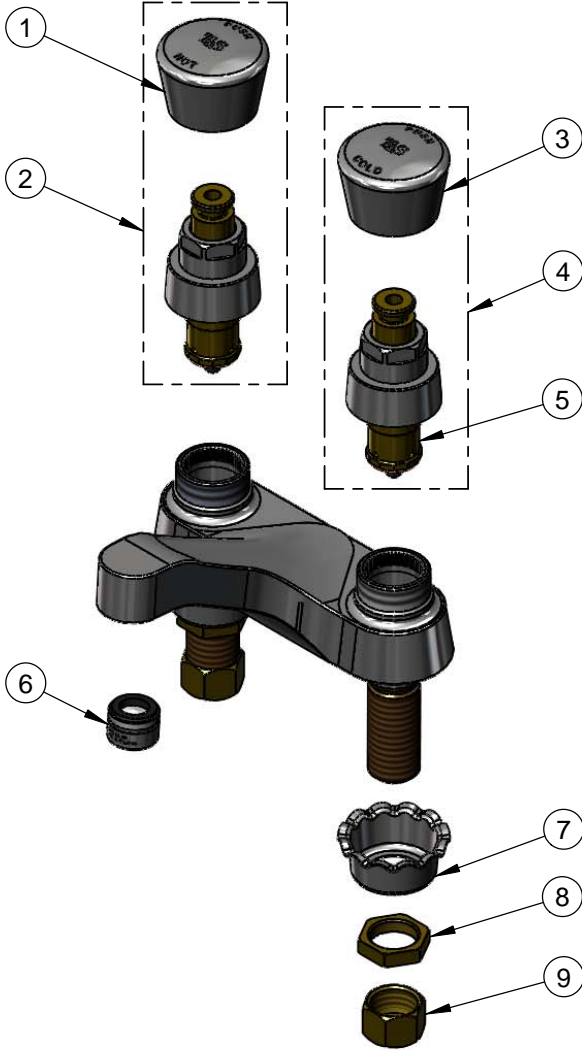
Model No.

**B-0831-F05**

Item No.

Travelers Rest, SC: 800-476-4103 Simi Valley, CA: 800-423-0150 Fax: 864-834-3518 www.tsbrass.com

ITEM NO.	SALES NO.	DESCRIPTION
1	014194-40	Hot Cap Assembly
2	238AH	Push Button Metering Cartridge w/ Hot Push Button Asm & Spanner Bit
3	014195-40	Cold Cap Assembly
4	238AC	Push Button Metering Cartridge w/ Cold Push Button Asm & Spanner Bit
5	238A	Push Button Metering Cartridge
6	B-0199-03-N05	0.5 GPM Spray Device, 13/16-27 Male
7	001000-45	Rosette Washer
8	002954-45	Shank Lock Nut
9	000958-20	Coupling Nut



Spanner Bit for  
Vandal Resistant Screw  
014734-45

Product Specifications:

**4" Centerset Metering & Mixing Faucet w/ Push Button Metering Cartridges & 0.5 GPM Non-Aerated Spray Device**

Drawn <b>DMH</b>	Checked <b>KJG</b>	Approved <b>JHB</b>
Scale: <b>NTS</b>		Date: <b>07/09/10</b>