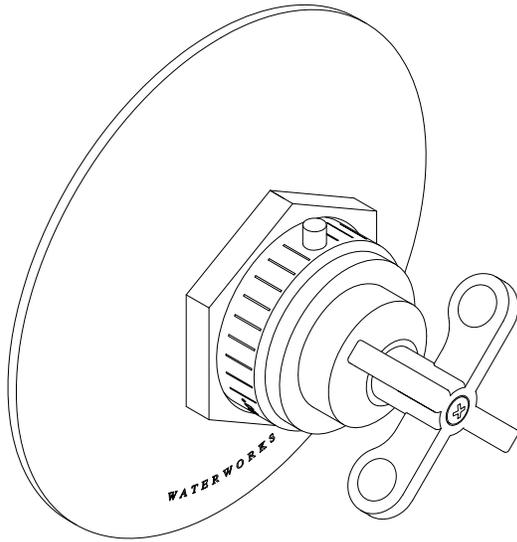


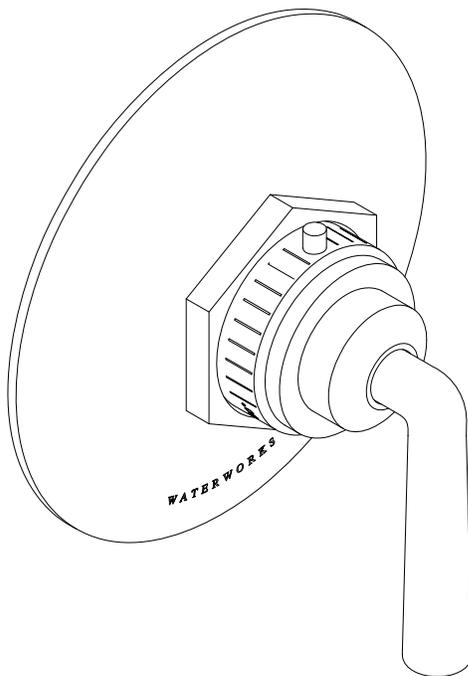
## HNSV01: Metal Cross Handle



### **IMPORTANT:**

- To ensure this product is installed properly, you must read and follow these guidelines.
- The owner/user of this product must keep this information for future reference.
- This product is intended to work with the Waterworks Universal Thermostatic Valve (GUSV37R) which features anti-scald protection. The risk of scalding exists until the installer has properly calibrated/adjusted the temperature setting during final trim installation.
- Be sure your installation conforms to all federal, state, and local codes.
- In the State of Massachusetts, all installations must comply with the rules and regulations set forth within 248 CMR.
- This product must be installed by a professional licensed contractor.
- Refer to the specification and assembly drawings attached. Product is sold partially assembled but shown fully disassembled for illustrative and service purposes only.
- Inspect this product to ensure you have all parts required for proper installation.
- This product must be on-site prior to rough-in and allows the installer to visualize the installation.
- Use only a strap wrench or protected/smooth-jaw wrench on any finished surface.

## HNSV10: Metal Lever Handle



### **SPECIFICATIONS:**

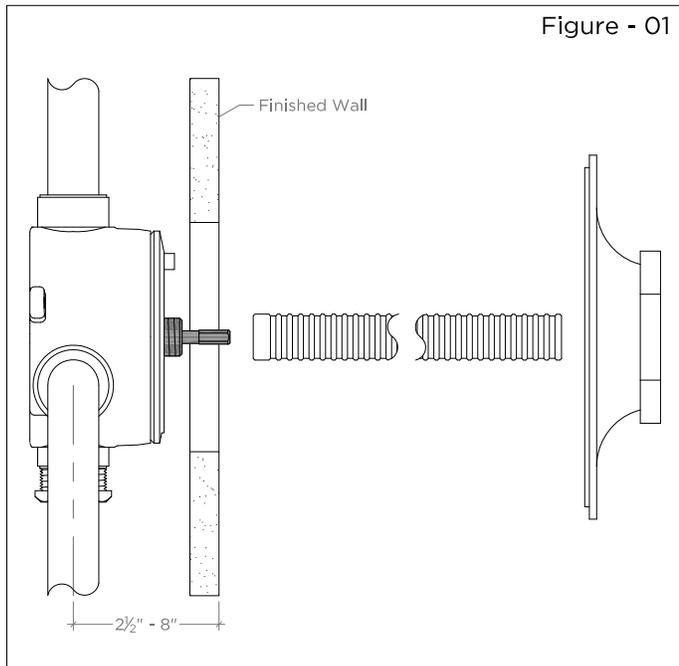
Control Valve Rough-in Depth Minimum: 2½"  
Control Valve Rough-in Depth Maximum: 8"  
Hot Limit Safety Stop: Yes

These guidelines have been prepared for the professional contractor to aid in the installation of:  
HENRY THERMOSTATIC CONTROL VALVE TRIM METAL CROSS HANDLE (HNSV01) AND METAL LEVER HANDLES (HNSV10).  
All dimensions are based on origin specification and are subject to change and variation.  
Please consult your Design Associate for current specifications.

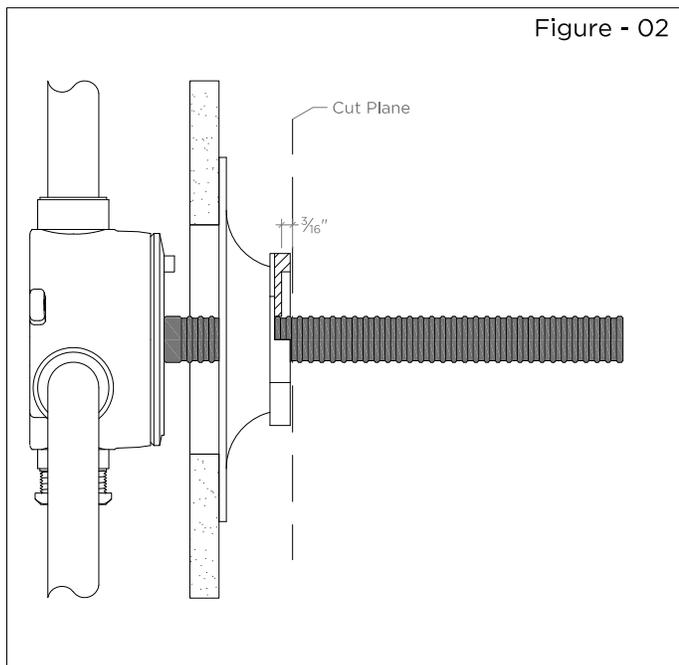
# WATERWORKS

## TRIM PLATE INSTALLATION:

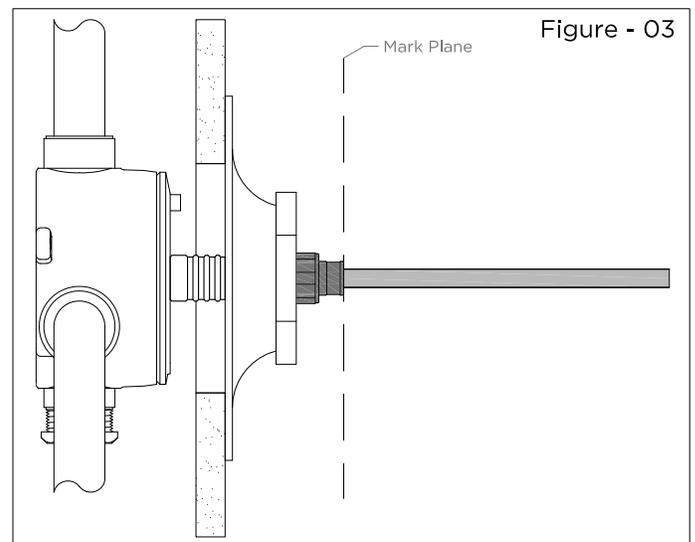
1. Unthread the trim nut (14) from the all thread tube (18), remove the square tube (17) then thread the all thread tube onto the cartridge. See Figure 01.



2. Slide the trim plate (15) over the all thread tube until the plate contacts the wall.
3. While holding the trim plate (15) against the wall, mark the tube (18) at a point  $\frac{3}{16}$ " beyond where it protrudes from the trim plate. See Figure - 02.



4. Remove the trim plate and all thread tube and then cut the tube at the point marked in Step 3. DO NOT cut the end of the tube that has the internal threads.
5. Re-attach the tube (18) and slide the trim plate (15) over the tube making sure the foam gasket (16) is in place.
6. Thread the trim nut (14) onto the all thread tube. This will hold the plate against the wall.
7. Fully insert the square tube (17) into the trim nut then by feel, make sure it slides over the stem and stops against the valve cover plate. When seated properly onto the stem, the square tube will have rotational resistance.
8. Mark the square tube at the point where it passes through the face of the trim nut. See Figure 03.



9. Remove the square tube (17) and cut it  $\frac{1}{8}$ " behind the mark made on the tube in Step 8.
10. After cutting, insert the square tube back into the trim nut making sure it is slightly recessed into the trim nut.

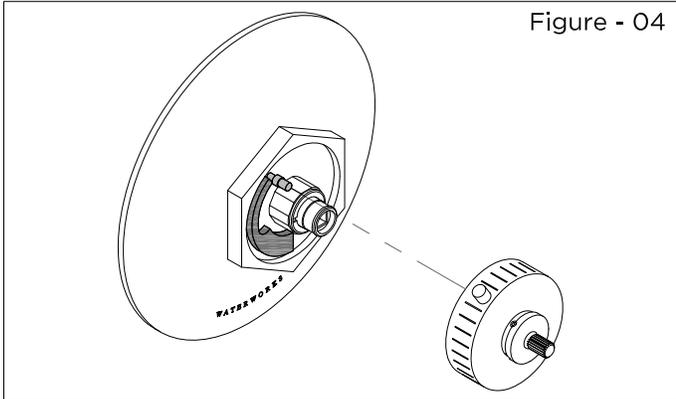
## TEMPERATURE CALIBRATION:

- The risk of scalding exists until the installer has properly calibrated the temperature setting.
11. Turn on the water supply and a wall valve to run water through the valve and insert a bladed screw driver into the square tube (17).
  12. Slowly rotate the square tube clockwise to attain full cold then rotate it counter-clockwise to attain full hot. Verify a full range of temperature exists. Note: It is approximately 2 complete rotations from full cold to full hot.

These guidelines have been prepared for the professional contractor to aid in the installation of:  
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# WATERWORKS

13. With water running, rotate the square tube (17) to adjust the temperature to the maximum desired bathing temperature, verified with a thermometer. Turn the water off and make sure not to change this temperature setting.
14. Unthread the handle assembly (1-8) from the limit stop (9) and loosen the 4 set screws (10) on the limit stop.
15. Insert the limit stop assembly onto the trim nut (14) making sure the limit stop pin (13) makes contacts with the limit stop on the trim plate then tighten the 4 set screws. See Figure 04.



**INSPECT THE INSTALLATION:**

16. Turn the limit stop clockwise then turn the water on and confirm the limit stop is functioning properly by turning it counter-clockwise at which point it should stop.
  17. Verify the temperature to be the maximum temperature set in Step 13. If it is not the correct temperature, repeat the calibration procedures.
  - 18 To get a hotter temperature, press and hold the limit stop button then rotate the limit stop until it stops. It is NOT recommended to exceed the safety limit stop of 100 degrees.
  19. Re-attach the handle assembly to the limit stop.
- If further assistance is required, please contact Product Support at 1-800-927-2120 Ext. 3 (9am-6pm EST).

HNSV01 (Cross Handle)

ITEM NO.	DESCRIPTION	QTY.
2	Cross Handle, Henry	1

HNSV10 (Lever Handle)

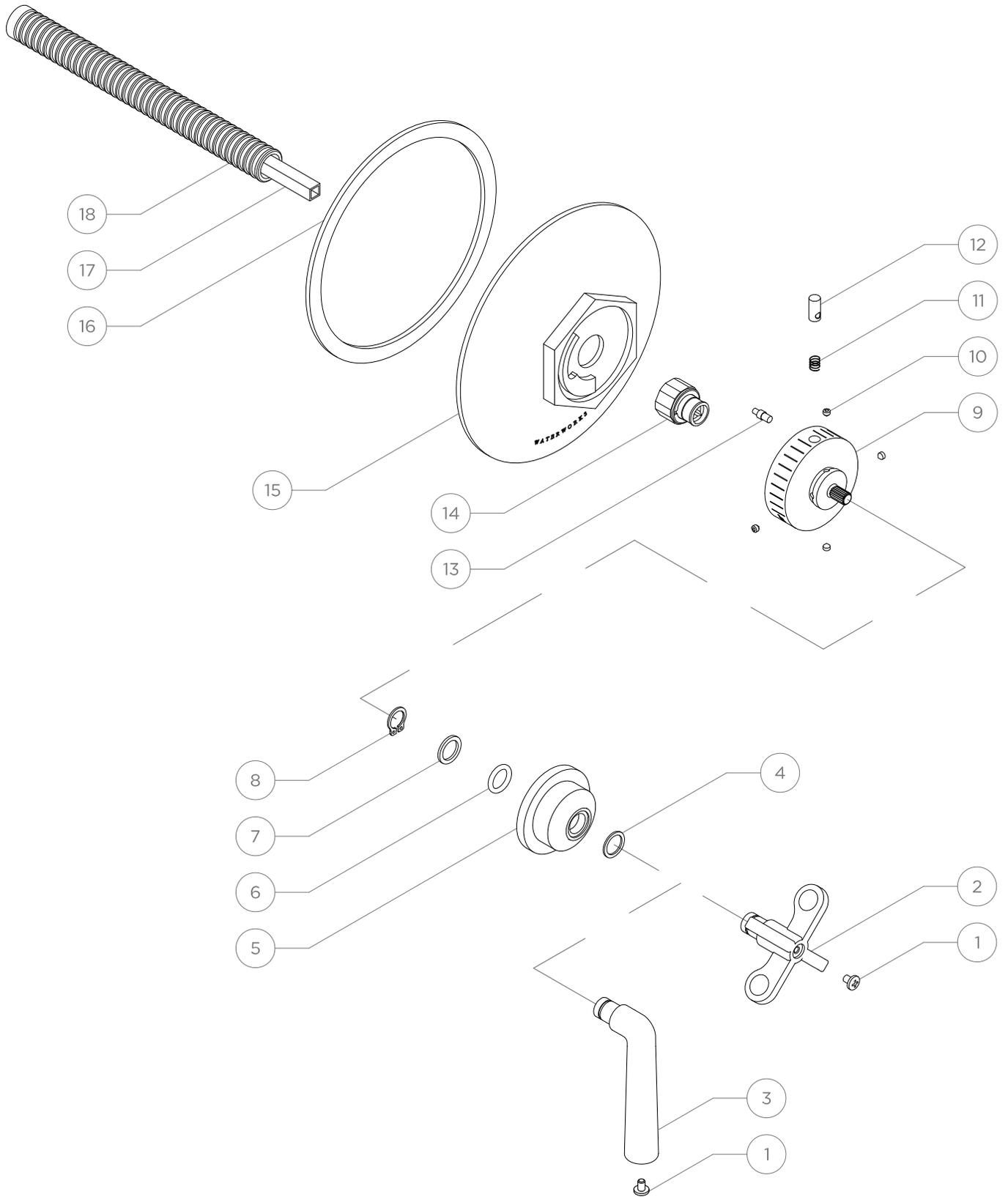
3	Lever Handle, Henry	1
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COMMON PARTS

1	Screw, Phillips Head	1
4	Plastic Washer	1
5	Gland Cover	1
6	O-Ring	1
7	Metal Washer	1
8	C-Clip, Metal	1
9	Hot Limit Safety Stop	1
10	Set Screw, 2mm Hex Key	4
11	Spring	1
12	Hot Limit Safety Stop Button	1
13	Hot Limit Safety Stop Pin	1
14	Trim Nut	1
15	Trim Plate	1
16	Foam Gasket	1
17	Square Tube	1
18	All Thread Tube	1

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**WATERWORKS**



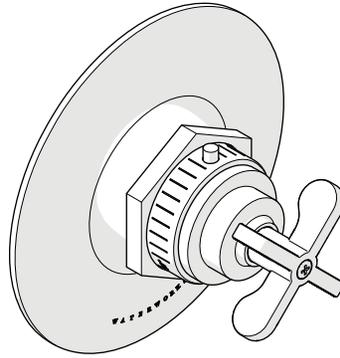
These guidelines have been prepared for the professional contractor to aid in the installation of:  
**HENRY THERMOSTATIC CONTROL VALVE TRIM METAL CROSS HANDLE (HNSV01) AND METAL LEVER HANDLES (HNSV10).**  
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**WATERWORKS**

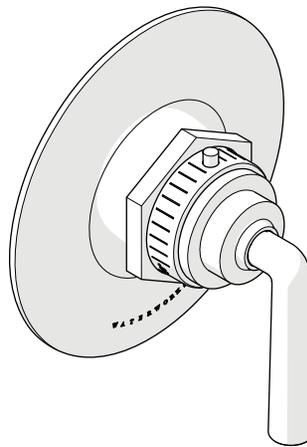


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# WATERWORKS SERVICE PARTS



**STYLE HNTH01**  
Henry Thermostatic Control Valve Trim  
with Metal Cross Handles



**STYLE HNTH10**  
Henry Thermostatic Control Valve Trim  
with Metal Lever Handles

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WELCOME TO

# WATERWORKS

For over three decades, Waterworks has transformed the bath through an absolute commitment to design authenticity, innovation and quality. A blend of scholarly appreciation and applied experience guarantees mechanical integrity, meticulous craftsmanship, and timeless designs.

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**TO ORDER PARTS CALL  
1 (800) 927-2120 (EXT 2)**

Order by part number and specify color, finish, or other options if required.

**PRODUCT SUPPORT**

Our Product Support team provides troubleshooting and technical problem resolution, including replacement parts and installation recommendations throughout the life of your product.

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**LIMITED LIFETIME  
WARRANTY**

Our warranty covers repair and replacement of Waterworks products if within the applicable coverage period and deemed defective by Waterworks. Waterworks will, at its option, repair or replace such products; this does not include installation costs, labor charges, or other incidental or consequential costs.

To obtain your complete warranty or inquire about warranty service, please visit us at [www.waterworks.com](http://www.waterworks.com) or contact our Product Support Team.

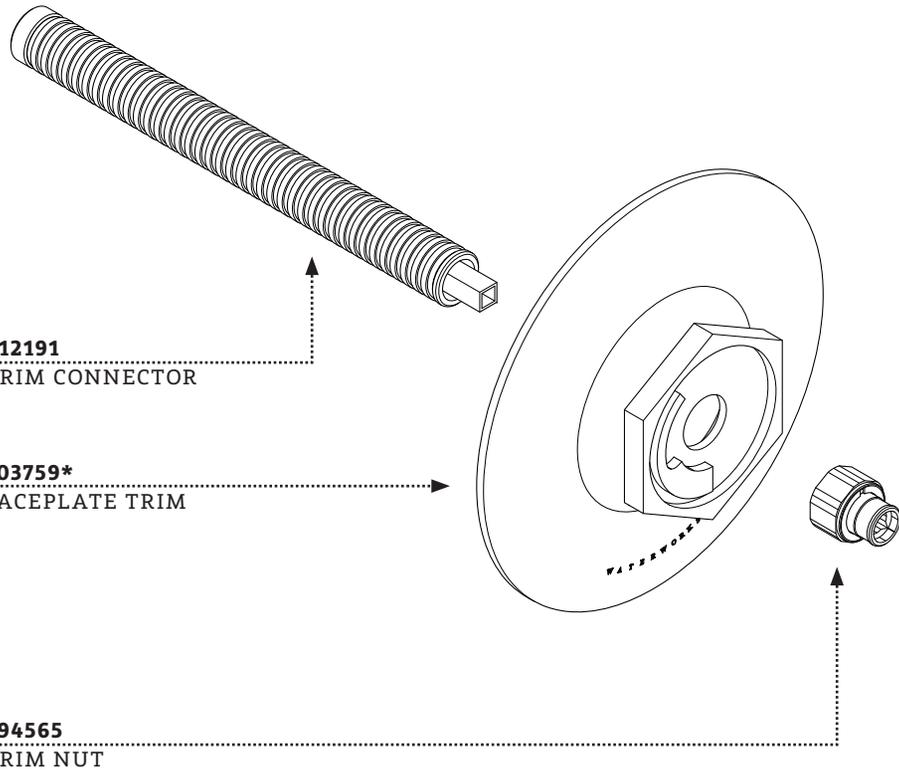


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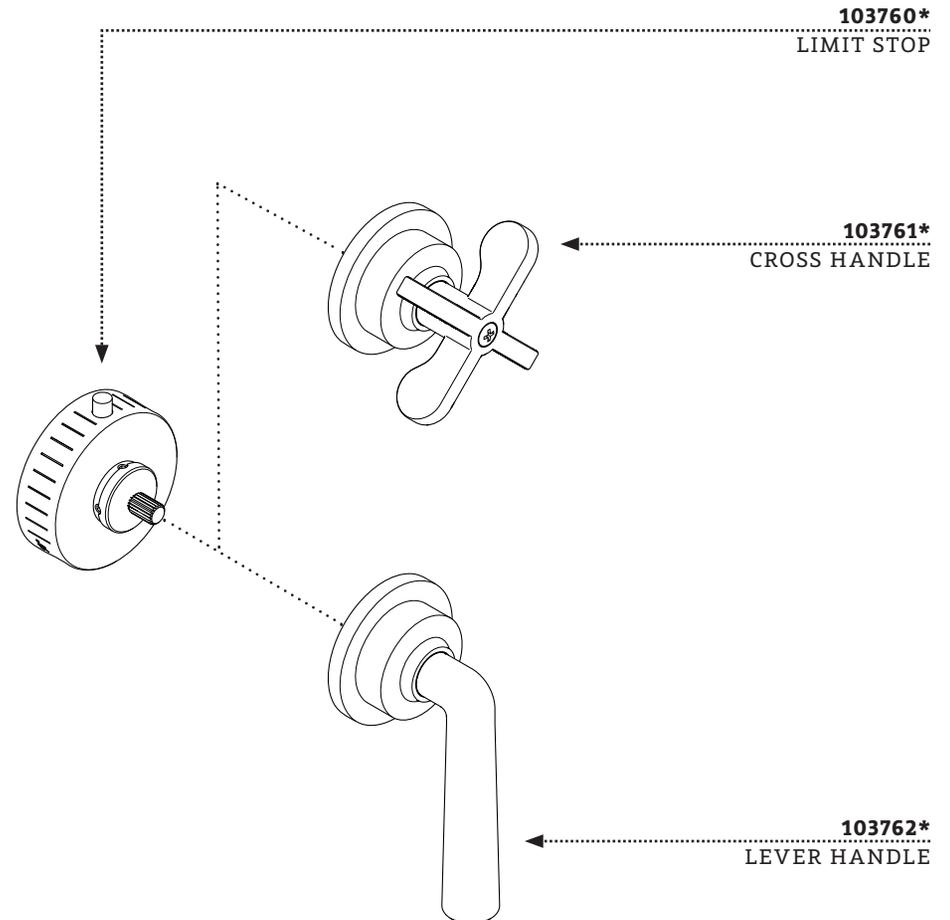
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**MAIN KITS**

**STYLES: HNTH01, HNTH10**



\*FINISH/COLOR MUST BE SPECIFIED WHEN ORDERING  
++SUPPLIED AS A PAIR





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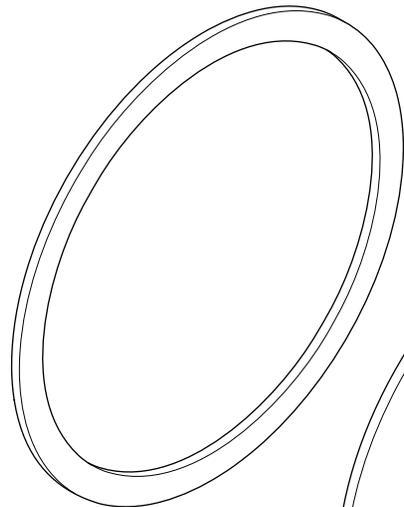
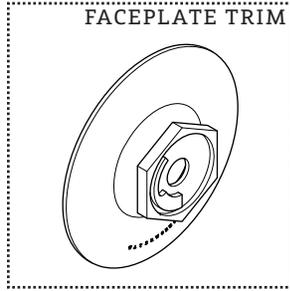
WATERWORKS

**KIT COMPONENTS**

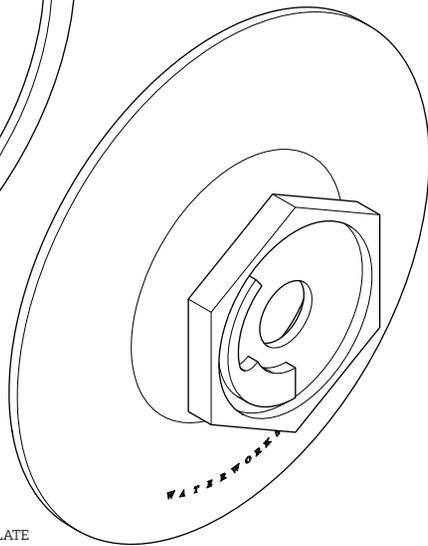
**STYLES: HNTH01, HNTH10**

**103759\***

**FACEPLATE TRIM**



FOAM WASHER



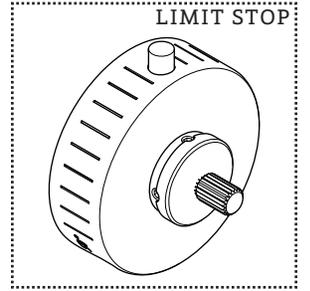
TRIM PLATE

\*FINISH/COLOR MUST BE SPECIFIED WHEN ORDERING  
++SUPPLIED AS A PAIR

**KIT COMPONENTS**

**103760\***

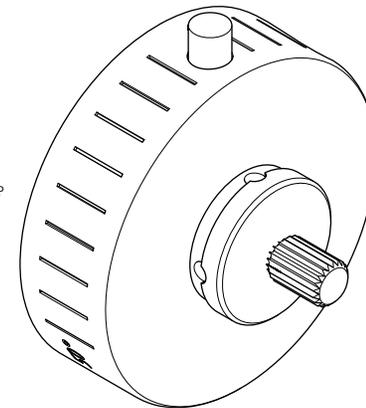
**LIMIT STOP**



LIMIT STOP



SET SCREW



SET SCREW



SET SCREW



**103746**  
**FASTENING SET SCREW**

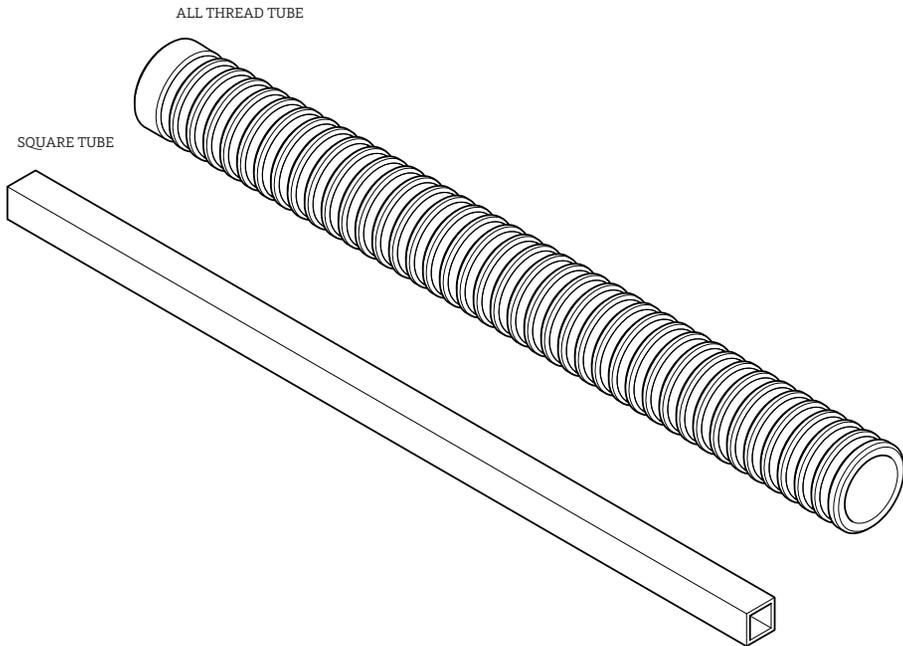
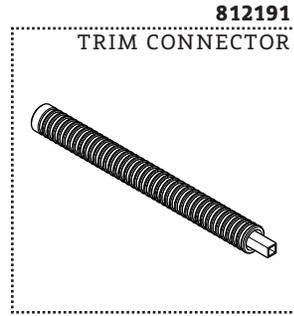


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**KIT COMPONENTS**

**STYLES: HNTH01, HNTH10**



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**SERVICE PARTS INDEX**

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103761*	CROSS HANDLE	3
103759*	FACEPLATE TRIM	4
103746	FASTENING SET SCREW	5
103762*	LEVER HANDLE	3
103760*	LIMIT STOP	5
812191	TRIM CONNECTOR	6
594565	TRIM NUT	2



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**NOTES**

**STYLES: HNTH01, HNTH10**

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++SUPPLIED AS A PAIR

**NOTES**



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**PRODUCT SUPPORT**

60 BACKUS AVENUE  
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