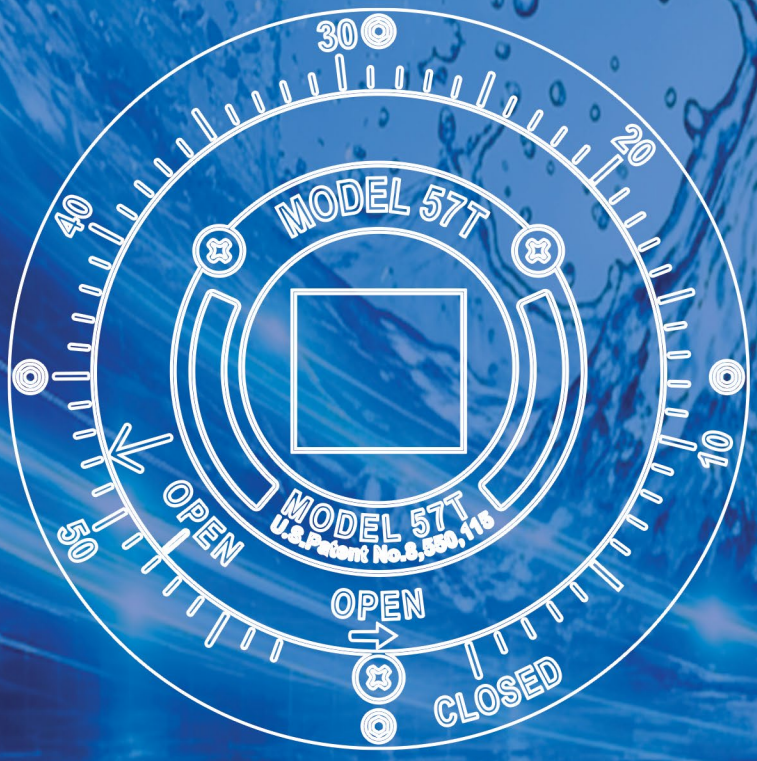
Trumbull Manufacturing

www.trumbull-mfg.com

2026

VALVE POSITION INDICATORS

PREVENT BREAKS FROM OVER-OPENING OR OVER-CLOSING



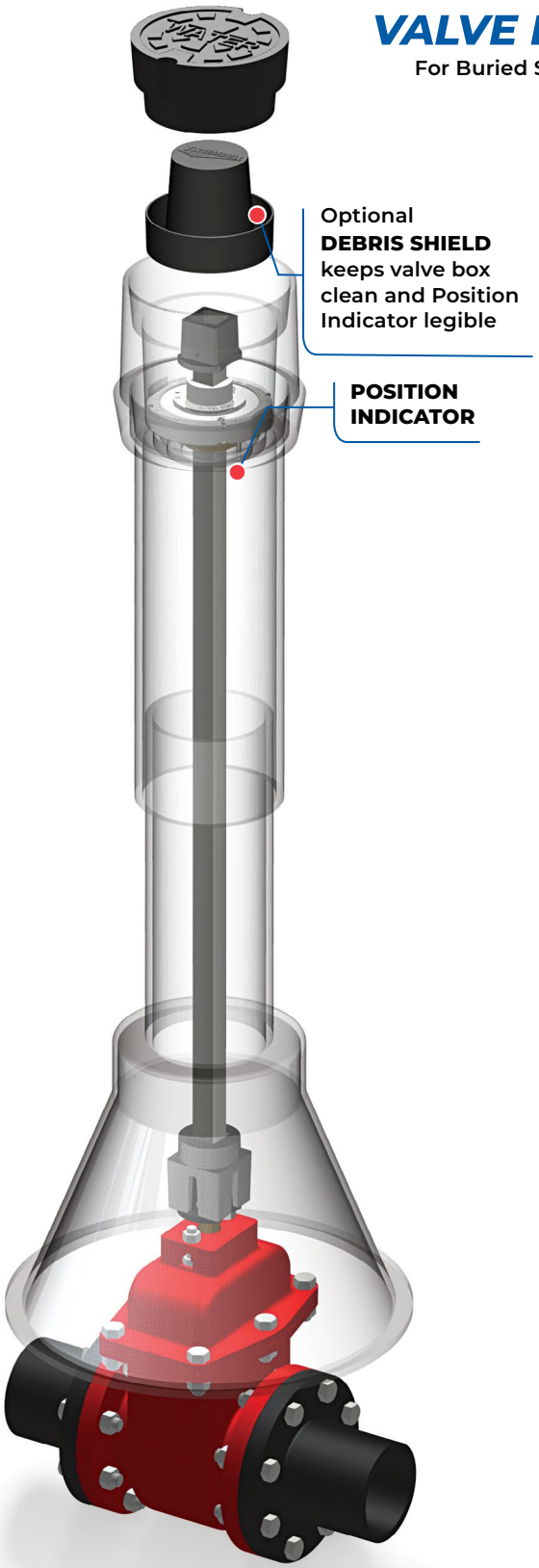
CALL OUR SALES TEAM

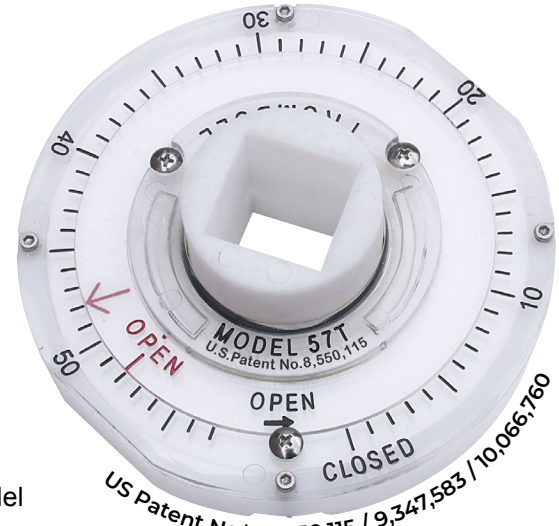
877.504.1507

Trumbull Manufacturing

VALVE POSITION INDICATORS

For Buried Service with **1-1/4" Square** Extension Stems





US Patent No.'s 8,550,115 / 9,347,583 / 10,066,760

- Eliminates broken valve stems caused by over-opening or over-closing
- Field-adjustable for any number of turns within the range of each model
- Constructed of heavy-duty, non-corrosive DuPont™ Delrin® polymer, providing high-impact resistance even in cold climates
- Double O-ring seals keep out water and dirt
- Third-party tested to over 1 million revolutions
- Provided with stainless steel hardware
- Also available for use above ground in the floor or with Wall Brackets (see pages F-9 to F-10)

Ordering Instructions

1. Specify direction of open (open left or open right)
2. Model required (available in 57, 275 or 870 turns)

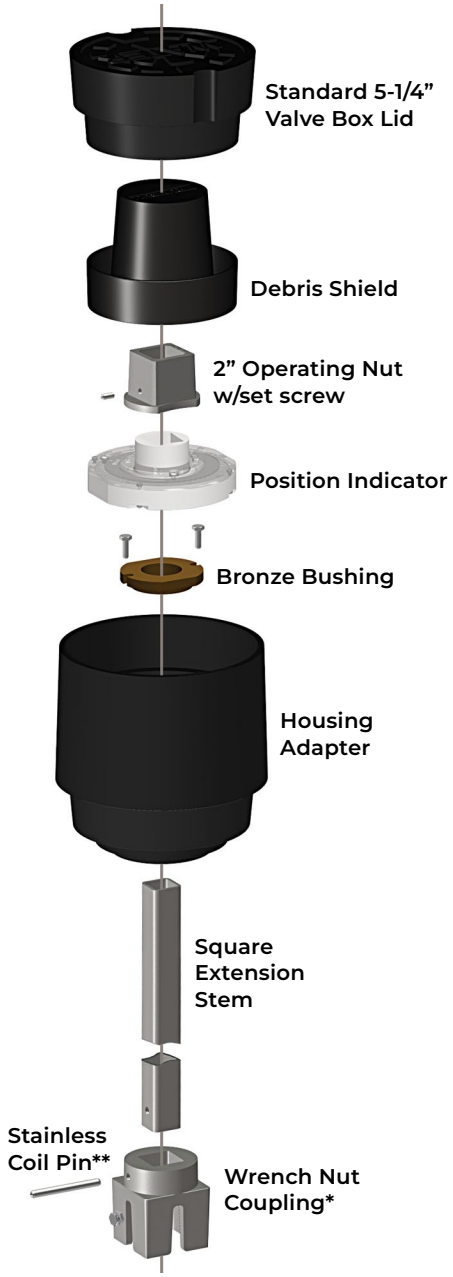
Model Number	*Number of Turns*	**Open Left** *Item №*	**Open Right** *Item №*
57T	0 - 57	**367-9394**	**367-9393**
275T	0 - 275	**367-9396**	**367-9395**
870T	0 - 870	**367-9400**	**367-9399**

3. Extension Stem required (1-1/4″ square)
   a. Length required (provide "A" dimension on the illustration shown on right side of page F-2)
   b. Carbon steel or stainless steel
   c. Tubing or solid bar
4. Debris Shield, item **367-9415** is recommended for buried service

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EXPLODED VIEW

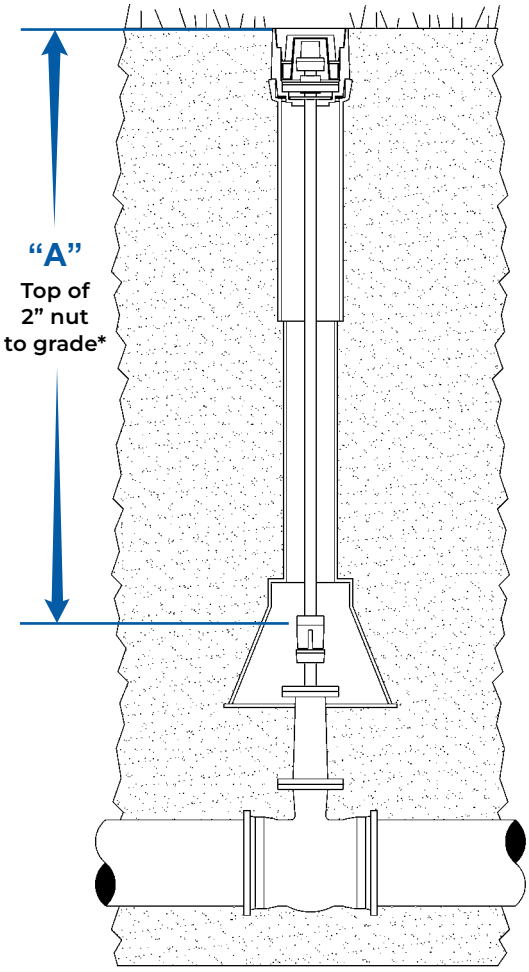
of Square Extension Stem
for Buried Service



SQUARE EXTENSION STEM

* Wrench nut coupling welded to stem at factory.

** When bottom coupling is purchased separately, pin is provided.



* The dimension from top of 2" valve nut to grade is used to determine Extension Stem length, per ordering instructions on page F-1.

Extension Stem Torque Ratings

Extension Stems rated for a minimum of 300 ft-lb. For higher torque capacity, consult Trumbull.

YouTube

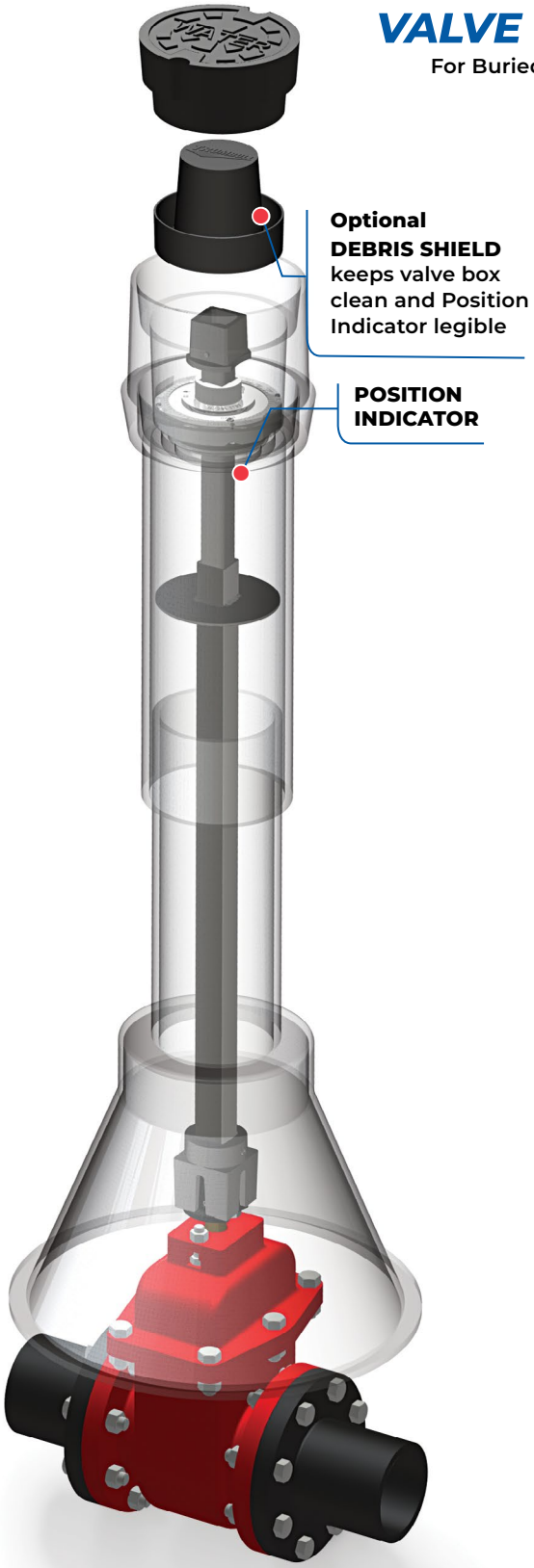
Installation animations online:
www.youtube.com/trumbullmfg

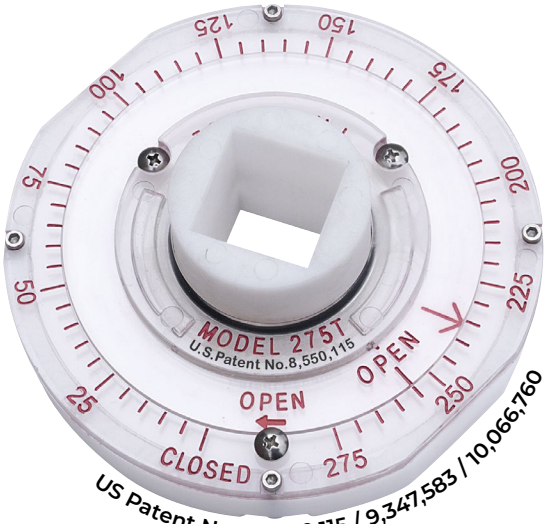
US Patent No.'s 8,550,115 / 9,347,583 / 10,066,760

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VALVE POSITION INDICATORS

For Buried Service with **Telescopic** Extension Stems





US Patent No.'s 8,550,115 / 9,347,583 / 10,066,760

- Eliminates broken valve stems caused by over-opening or over-closing
- Field-adjustable for any number of turns within the range of each model
- Constructed of heavy-duty, non-corrosive DuPont™ Delrin® polymer, providing high-impact resistance even in cold climates
- Double O-ring seals keep out water and dirt
- Third-party tested to over 1 million revolutions
- Provided with stainless steel hardware
- Also available for use above ground in the floor or with Wall Brackets (see pages F-7 to F-10)
- Telescopic stem eliminates the need for precise field measurement of extension stems and provides for ground movement caused by freezing and thawing

Ordering Instructions

1. Specify direction of open (open left or open right)
2. Model required (available in 57, 275 or 870 turns)

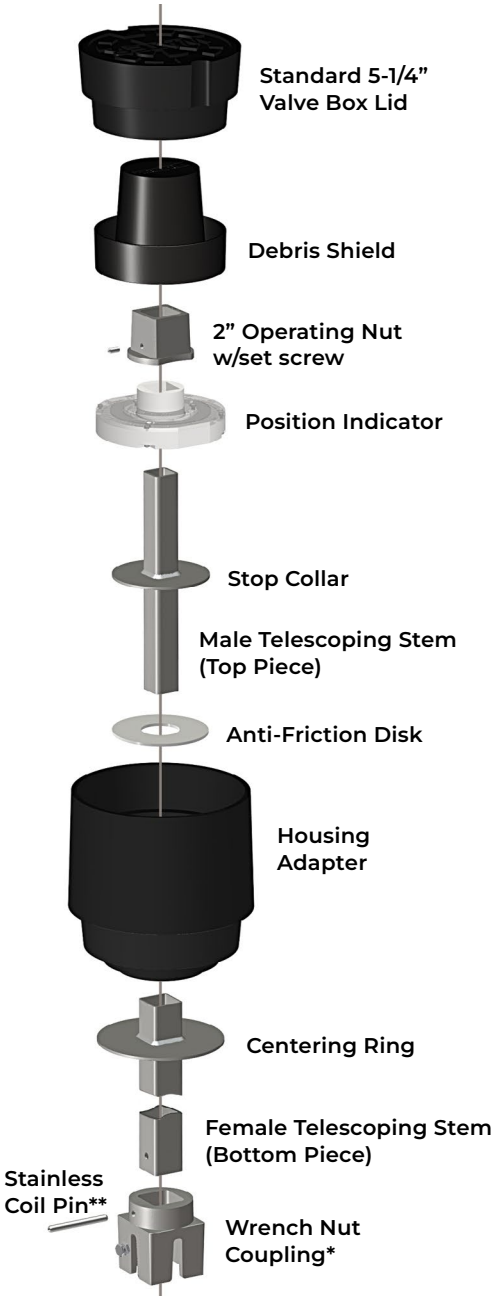
Model Number	*Number of Turns*	Open Left *Item №*	Open Right *Item №*
57T	0 - 57	**367-9394**	**367-9393**
275T	0 - 275	**367-9396**	**367-9395**
870T	0 - 870	**367-9400**	**367-9399**

3. Extension Stem required (telescopic)
   a. Length required (provide “A” dimension on the illustration shown on right side of page F-4)
   b. Carbon steel or stainless steel
4. Debris Shield, item **367-9415** is recommended for buried service

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EXPLODED VIEW

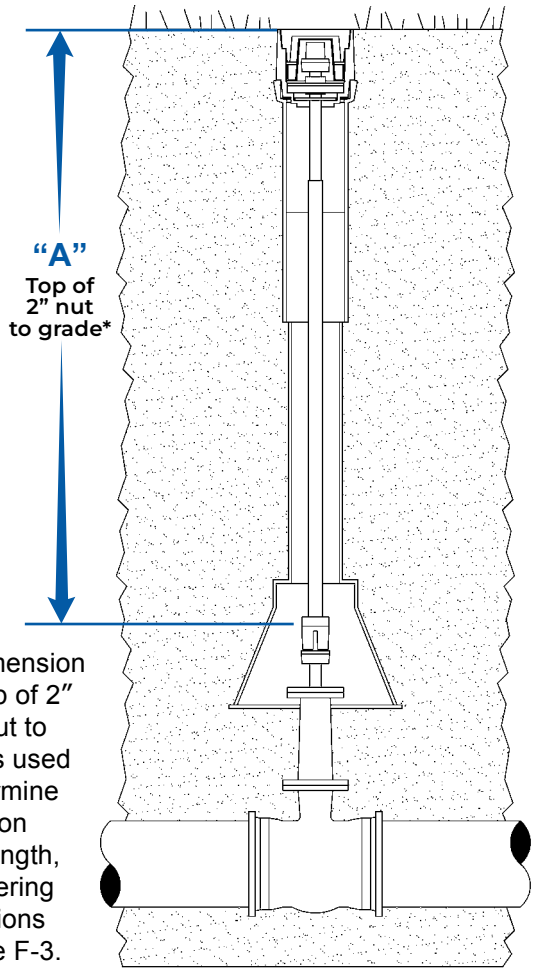
of Telescopic Extension Stem
for Buried Service



TELESCOPIC EXTENSION STEM

* Wrench nut coupling welded to stem at factory.

** When bottom coupling is purchased separately, pin is provided.



* The dimension from top of 2" valve nut to grade is used to determine Extension Stem length, per ordering instructions on page F-3.

US Patent No.'s 8,550,115 / 9,347,583 / 10,066,760

Extension Stem Adjustment Ranges and Torque Ratings

for Telescopic Extension Stems

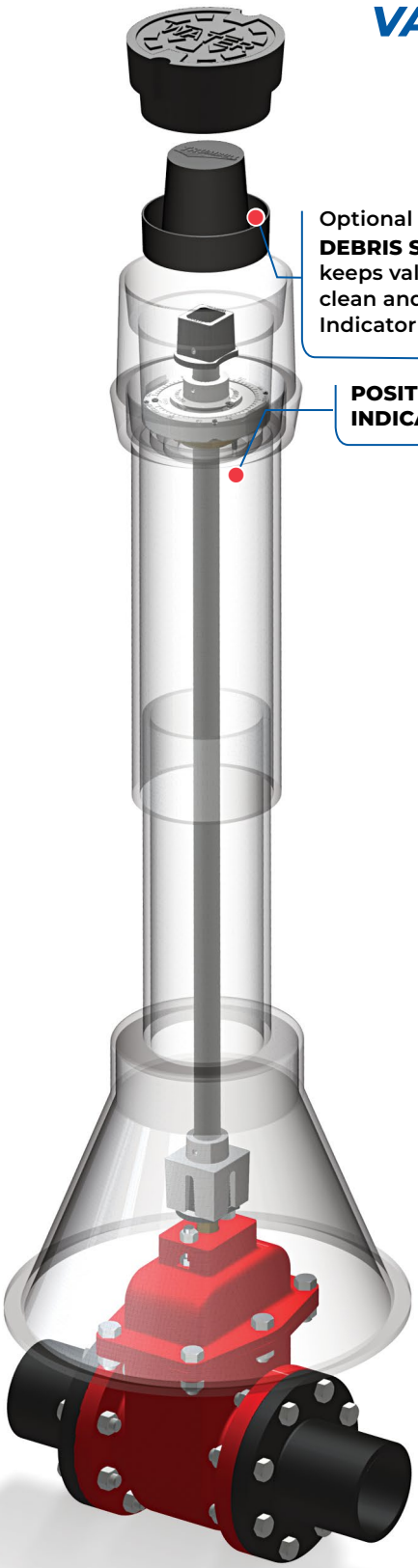
Range of Dimension "A"		Square Telescopic Extension Stems		
Minimum	Maximum	Length of 1-1/4" Top Part	Length of 1-1/2" Bottom Part	Torque In ft-lb
3 ft.	4-1/2 ft.	30"	30"	300 ft-lb
4-1/2 ft.	6 ft.	30"	48"	300 ft-lb
6 ft.	7-1/2 ft.	30"	66"	300 ft-lb
7-1/2 ft.	9 ft.	30"	84"	300 ft-lb
9 ft.	10-1/2 ft.	30"	102"	300 ft-lb

Other stem ranges available upon request.

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VALVE POSITION INDICATORS

For Buried Service with **Round** Extension Stems





- Eliminates broken valve stems caused by over-opening or over-closing
- Field-adjustable for any number of turns within the range of each model
- Constructed of heavy-duty, non-corrosive DuPont™ Delrin® polymer, providing high-impact resistance even in cold climates
- Double O-ring seals keep out water and dirt
- Third-party tested to over 1 million revolutions
- Provided with stainless steel hardware and pin
- Also available for use above ground in the floor or with Wall Brackets (see pages F-7 to F-10)

Ordering Instructions

1. Specify direction of open (open left or open right)
2. Model required (available in 57, 275 or 870 turns)

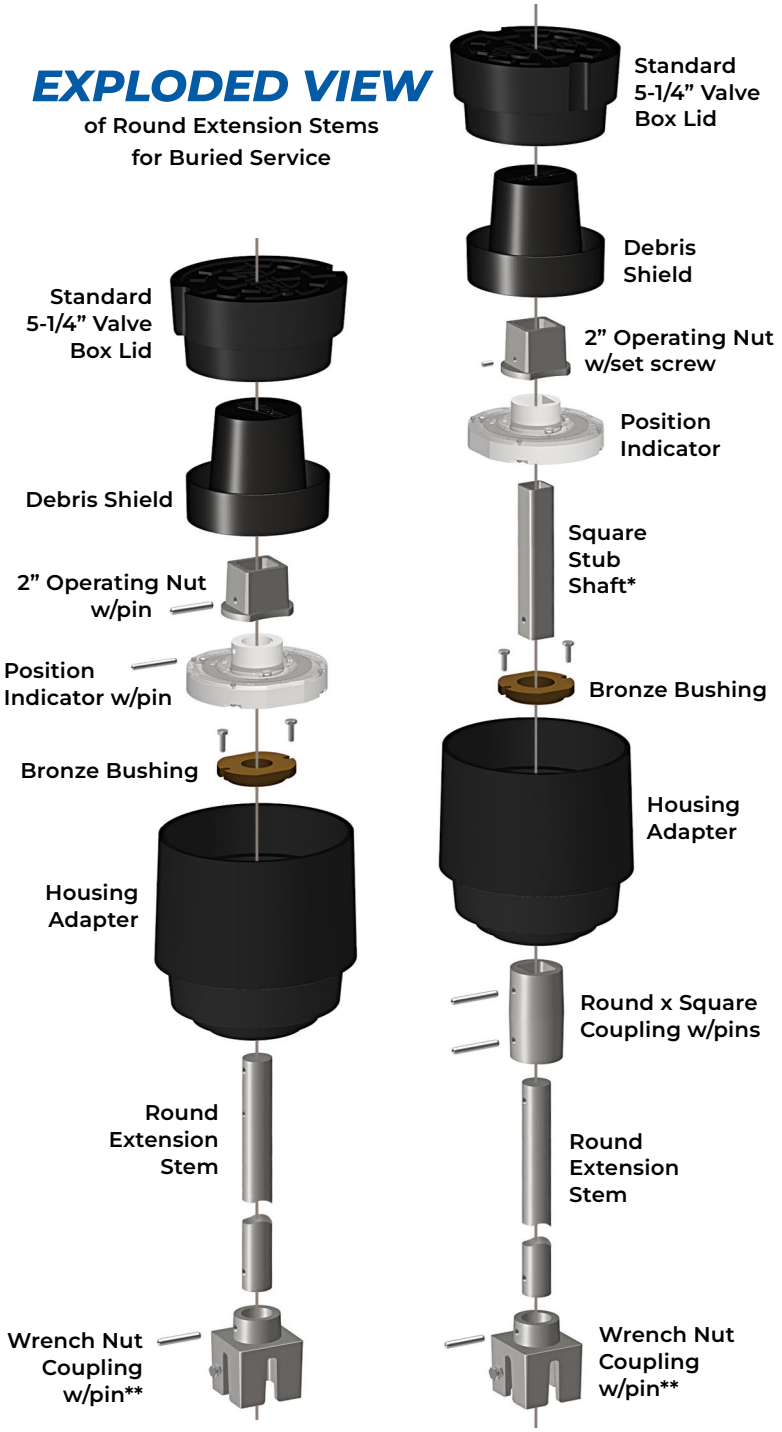
Model Number	*Number of Turns*	**Open Left** *Item №*	**Open Right** *Item №*
57T	0 - 57	**367-9404**	**367-9403**
275T	0 - 275	**367-9406**	**367-9405**
870T	0 - 870	**367-9410**	**367-9409**

3. Extension Stem required (round)
   a. Length required (provide “A” dimension on the illustration shown on right side of page F-6)
   b. OD required (maximum OD of 1.75″)
   c. Carbon steel or stainless steel
4. Debris Shield, item **367-9415** recommended for buried service

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EXPLODED VIEW

of Round Extension Stems
for Buried Service

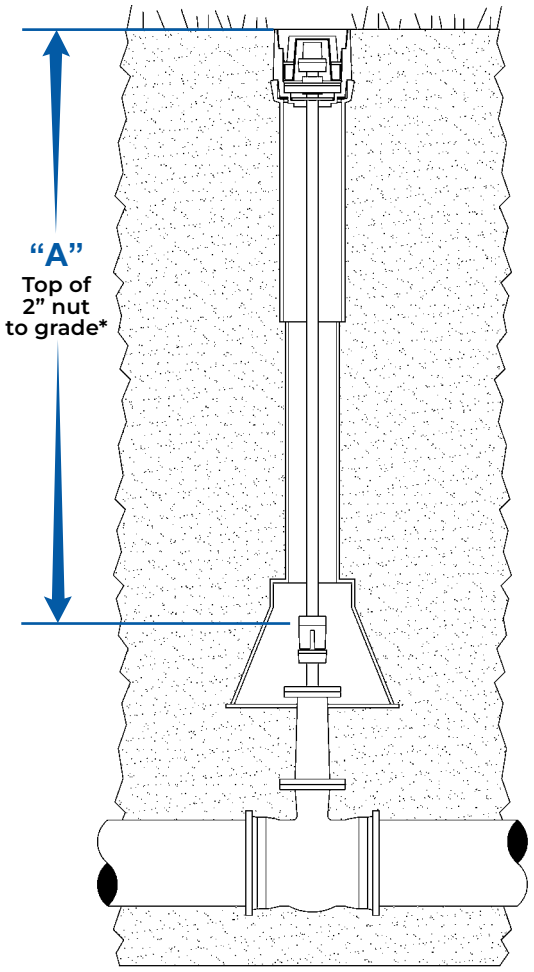


ROUND EXTENSION STEM or **ROUND EXTENSION STEM** with Square Stub Shaft*

* Using a square stub shaft saves field drilling and installation of pins inside housing adapter.

** Wrench nut coupling normally furnished pinned to stem.

US Patent No.'s 8,550,115 / 9,347,583 / 10,066,760



* The dimension from top of 2" valve nut to grade is used to determine Extension Stem length, per ordering instructions on page F-5.

Extension Stem Torque Ratings

Consult your Trumbull Rep for torque ratings.

YouTube

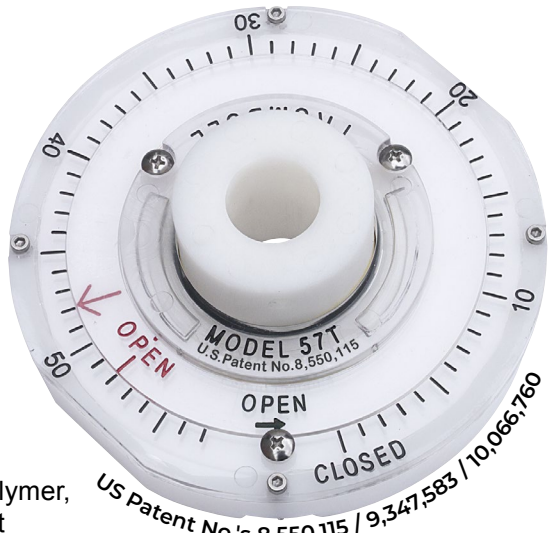
Installation animations online:
www.youtube.com/trumbullmfg

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VALVE POSITION INDICATORS

Installation in Floor





US Patent No.'s 8,550,115 / 9,347,583 / 10,066,760

- Eliminates broken valve stems caused by over-opening or over-closing
- Field-adjustable for any number of turns within the range of each model
- Constructed of heavy-duty, non-corrosive DuPont™ Delrin® polymer, providing high-impact resistance even in cold climates
- Double O-ring seals keep out water and dirt
- Third-party tested to over 1 million revolutions
- Provided with stainless steel hardware
- Also available w/Wall Bracket for mounting to tank walls (pages F-9 to F-10), and in Valve Boxes for buried service (pages F-1 to F-6)

Ordering Instructions

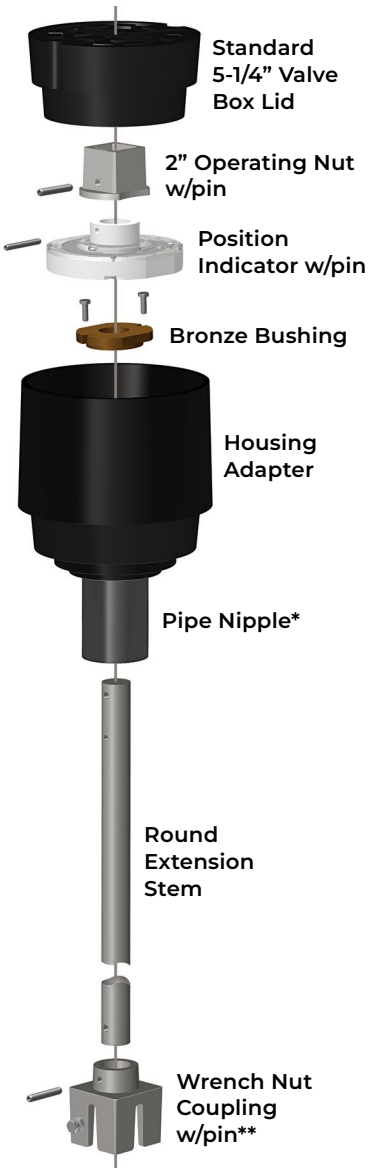
1. Specify direction of open (open left or open right)
2. Model required (available in 57, 275 or 870 turns, shown below)
3. Extension Stem required
   a. Length required
   b. Round (maximum OD of 1.75″), 1-1/4″ square, or round x square stem (see reverse for details)
   c. Carbon steel or stainless steel
4. Housing Adapter - Floor Box style
   a. Cast iron housing (unsealed), see page F-11
   b. Carbon steel or stainless steel (sealed), see page G-13

Model Number	Square Ext. Stem		Round Ext. Stem	
	Open Left	Open Right	Open Left	Open Right
	Item №	*Item №*	*Item №*	*Item №*
57T	367-9394	367-9393	367-9404	367-9403
275T	367-9396	367-9395	367-9406	367-9405
870T	367-9400	367-9399	367-9410	367-9409

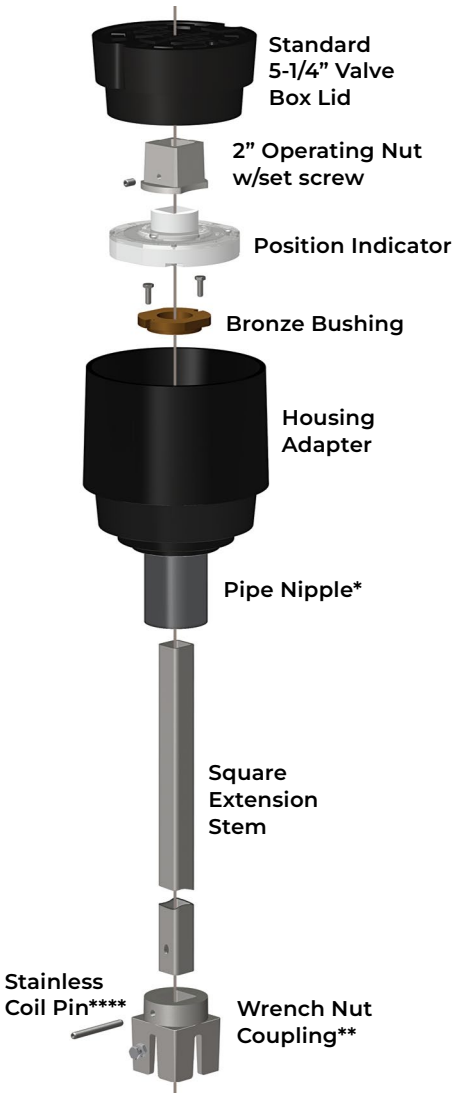
© 2026 Trumbull Manufacturing

EXPLODED VIEW

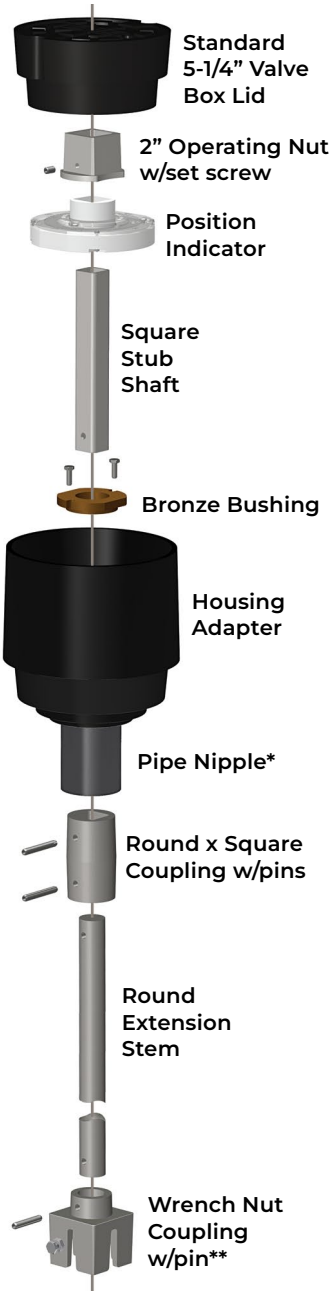
Extension Stem Installation in Floor



ROUND EXTENSION STEM



SQUARE EXTENSION STEM***



ROUND EXTENSION STEM***
with Square Stub Shaft

* Use a pipe nipple 5/8″ longer than the increase in floor slab thickness required, as the tapped thread is 5/8″ deep.

** Wrench nut coupling normally furnished pinned to round stems, and factory welded on square stems.

*** Using a square Extension Stem, or a round Extension Stem with a square stub shaft saves field drilling and installation of pins inside floor box.

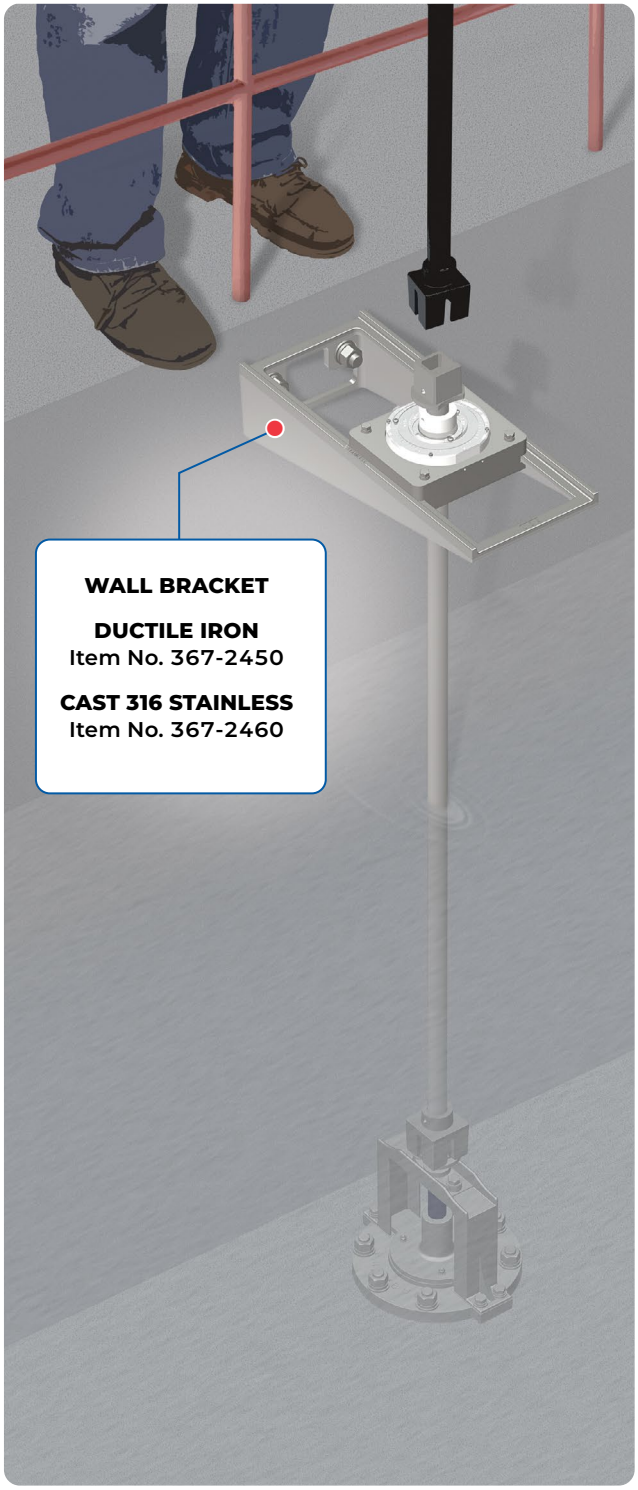
**** When bottom coupling is purchased separately, pin is provided.

US Patent No.'s 8,550,115 / 9,347,583 / 10,066,760

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VALVE POSITION INDICATORS

Installation with Wall Bracket





- Eliminates broken valve stems caused by over-opening or over-closing
- Field-adjustable for any number of turns within the range of each model
- Constructed of heavy-duty, non-corrosive DuPont™ Delrin® polymer, providing high-impact resistance even in cold climates
- Double O-ring seals keep out water and dirt
- Third-party tested to over 1 million revolutions
- Provided with stainless steel hardware
- Also available for use in the floor (pages F-7 to F-8), and in Valve Boxes for buried service (pages F-1 to F-6)

Ordering Instructions

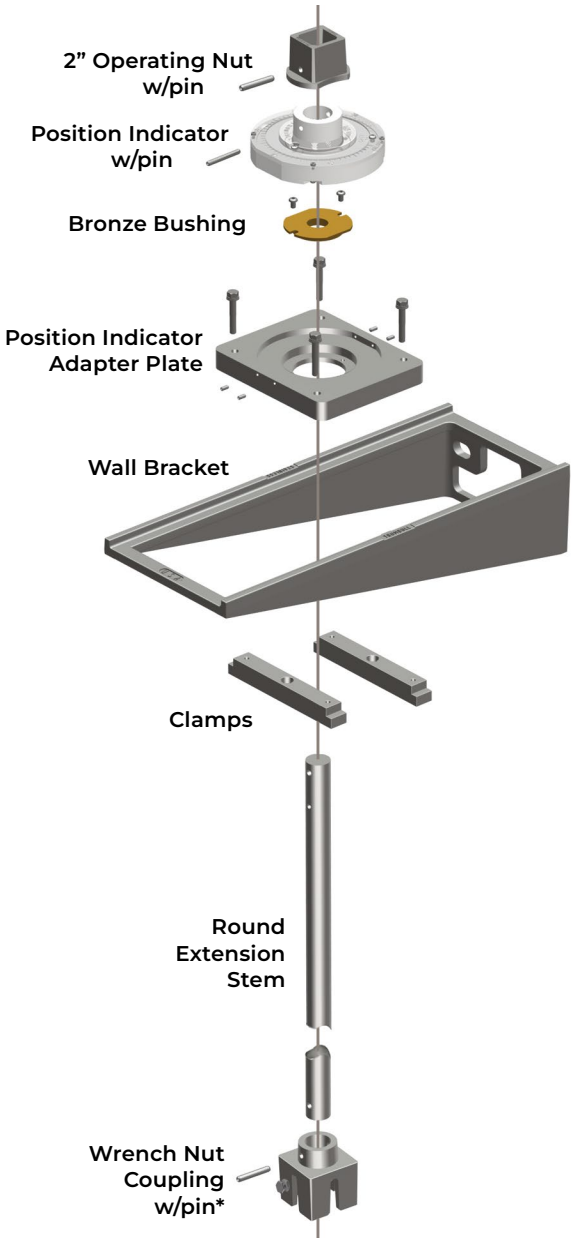
1. Specify direction of open (open left or open right)
2. Model required (available in 57, 275 or 870 turns)
3. Extension Stem required
   a. Length required
   b. Round (maximum OD of 1.75″) see next page for details
   c. Carbon steel or stainless steel

Model Number	*Number of Turns*	Open Left *Item №*	Open Right *Item №*
57T	0 - 57	367-9404	367-9403
275T	0 - 275	367-9406	367-9405
870T	0 - 870	367-9410	367-9409

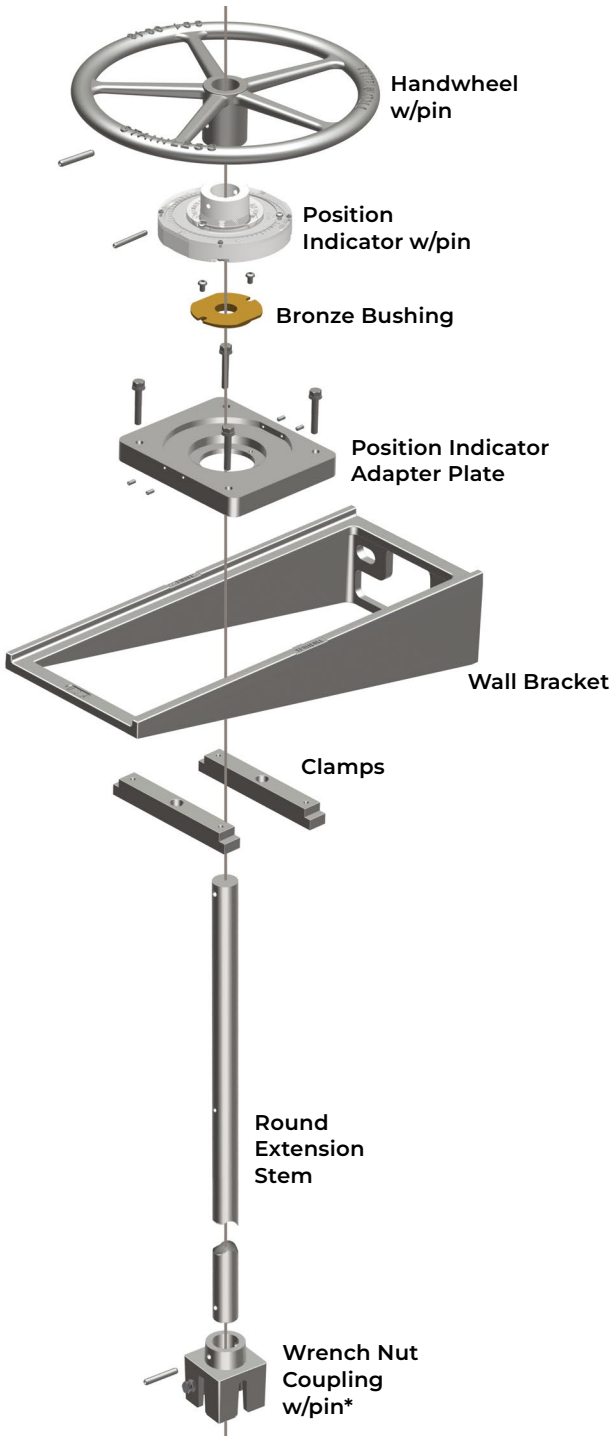
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EXPLODED VIEW

Round Extension Stems
Installation with Wall Bracket



ROUND EXTENSION STEM
with 2” Operating Nut



ROUND EXTENSION STEM
with Handwheel

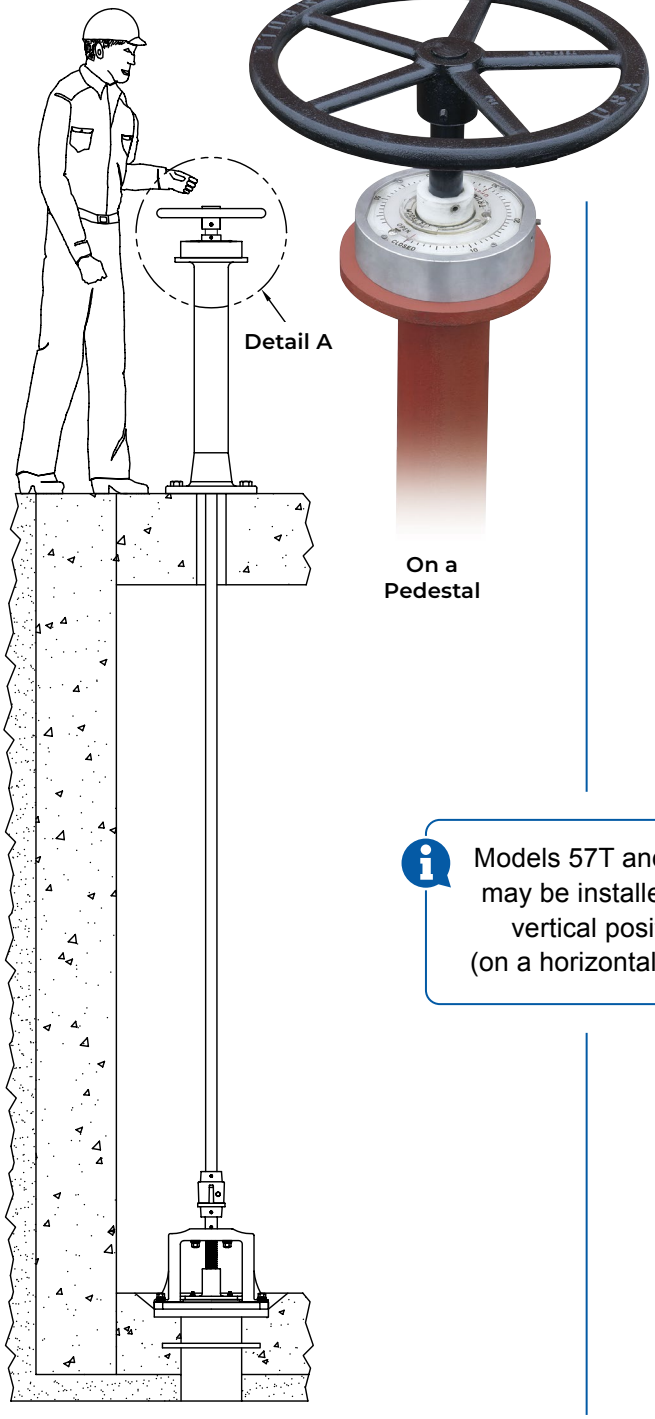
* Wrench nut coupling normally furnished pinned to stem.

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VALVE POSITION INDICATORS

Installation with Floorstands

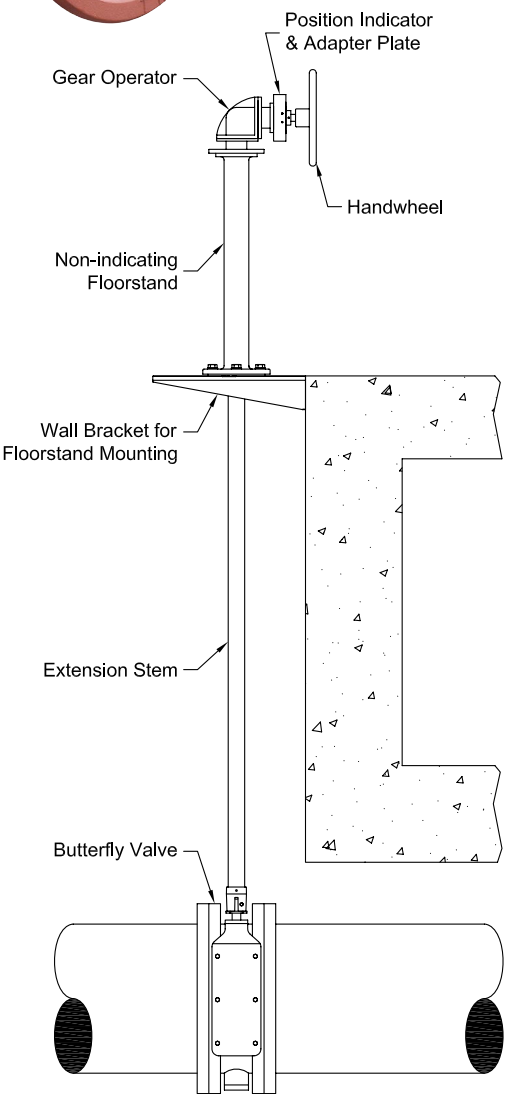
US Patent No.'s 8,550,115 / 9,347,583 / 10,066,760



On a Pedestal



For Gear Operators



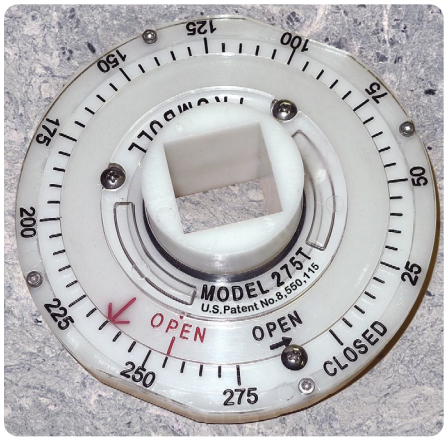
Models 57T and 275T may be installed in a vertical position (on a horizontal stem).

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FEATURE COMPARISON

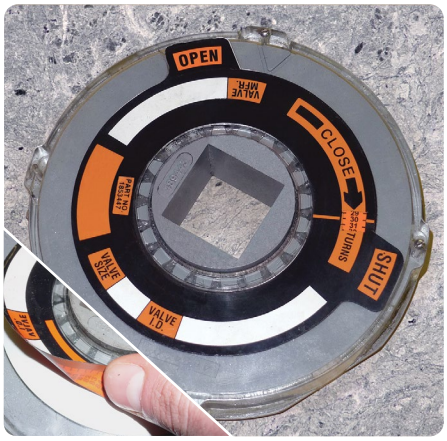
of “Turn Count” Scales

TRUMBULL



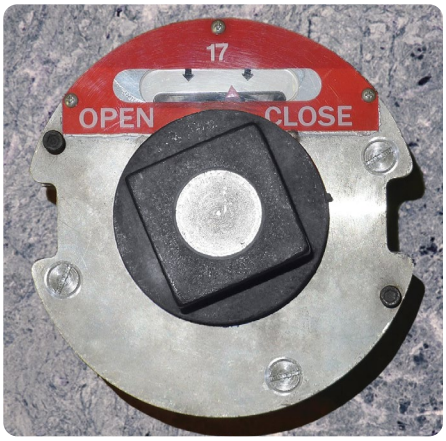
Permanently molded markings. Large numerals and characters make it easy to see the valve’s position.

Other Design “A”



Adhesive labels can peal off in high temperature or humidity.

Other Design “B”



Precise position of valve is difficult to determine.



DEBRIS SHIELD

TRUMBULL



DEBRIS SHIELD keeps dirt off of Position Indicator, as the composite image shows above. Note how white color illuminates inside valve box!

Other Design “A”



Other Design “B”



The two simulations above show how dirt and debris can accumulate on the Position Indicator WITHOUT a Debris Shield.

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CYCLIC ENVIRONMENTAL TESTING

Independent Testing







- Coarse Arizona sand mixed with water and aerated for 4 hours.
- Mixture heated to 110ºF for 4 days.
- Above process repeated several times, attempting to pass debris through the o-ring seals.
- Disassembly conducted after 302,500 revolutions.

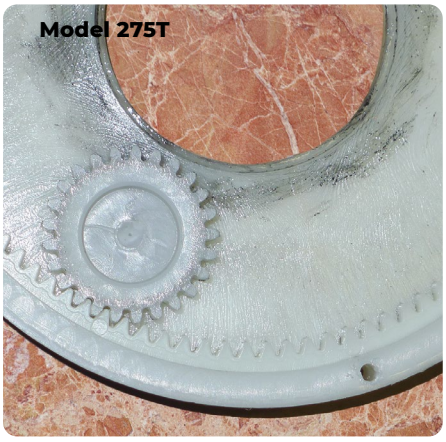
RESULTS: Only minimal particles of sand were present, with no effect on function!
Double O-ring seals keep out water and debris (see image on the next page).

LIFE CYCLE TESTING

Independent Testing



RESULTS:
After 1,026,000 revolutions,
no sign of wear on any component.



RESULTS:
After 1,204,500 revolutions,
no sign of wear on any component.



RESULTS:
After 1,131,000 revolutions,
no sign of wear on any component.

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SUBMERSION TESTING

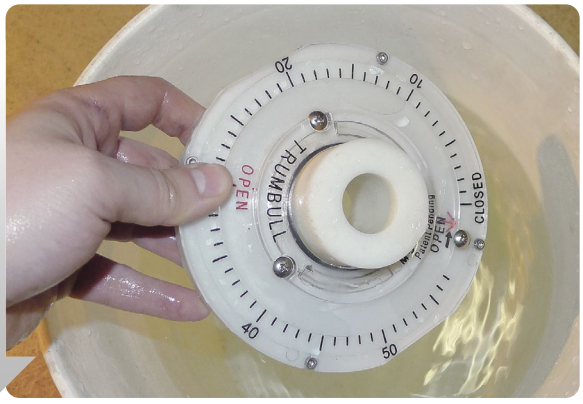
In-House Testing

TRUMBULL POSITION INDICATOR

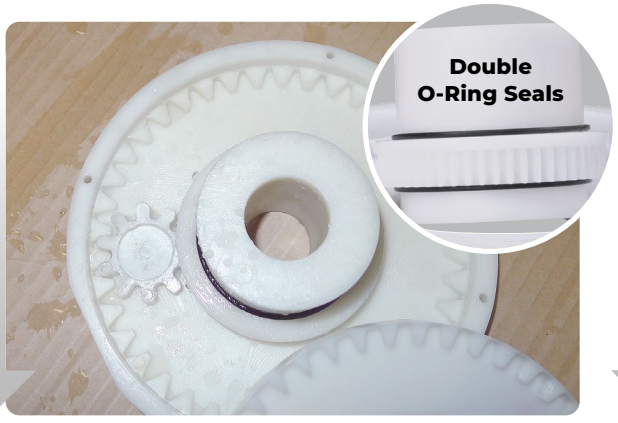
Indicator Submerged



After 24 Hours



Disassembly

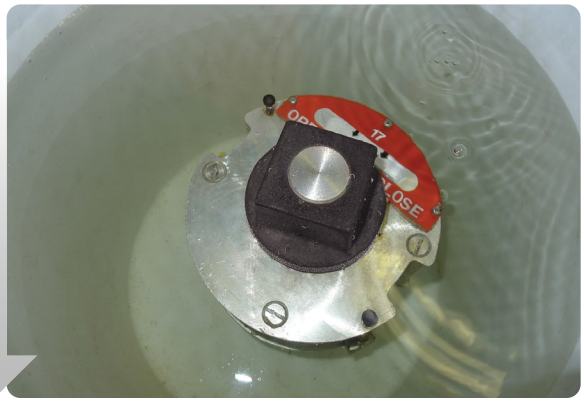


RESULTS:

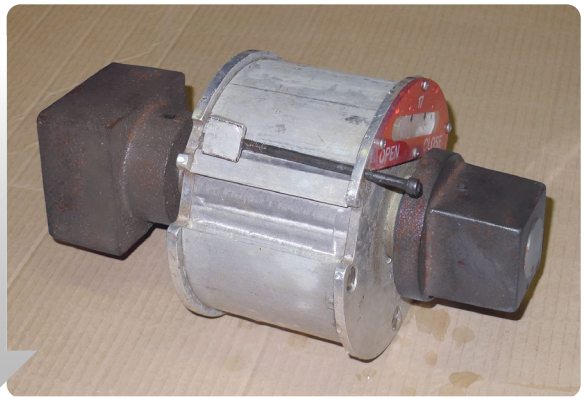
- No corrosion, due to POLYMER CONSTRUCTION
- No debris, due to DOUBLE 0-RING SEALS
- Only a few drops of water were present inside the assembly

Other Design

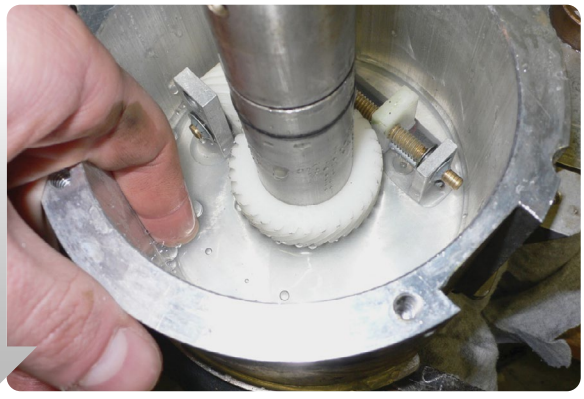
Indicator Submerged



After 24 Hours



Disassembly



RESULTS:

- Aluminum housing showed oxidation
- Iron castings showed corrosion
- No debris
- Several ounces of water were present inside the assembly (potential freezing hazard)

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11-1/8" SEALED FLOOR BOXES

Available in Cast Carbon Steel and Cast Stainless Steel

OVERALL HEIGHT
11-1/8" with lid



SOCKET HEAD CAP SCREWS
furnished standard (tamper-resistant fasteners and installation tools also available)

BUNA-N O-RING
Seals Floor Box at top of floor; furnished standard, other materials available upon request

Tapped 2-1/2" threads also permit threading 2-1/2" pipe into underside of Floor Box, to provide an external casing for a smaller internal extension stem.

Trumbull Sealed Floor Boxes are ideal to prevent fluids and vapors from penetrating the floor slab from either direction. Top side is sealed by a Buna-N O-ring, and bottom side can be sealed by use of optional packing gland. Overall length is 11-1/8", but the underside is tapped to accept 2-1/2" NPT steel pipe nipples for floors thicker than 11".
When it's necessary to extend a Floor Box for thicker floors, use a 2-1/2" pipe nipple, 1/2" longer than the increase required, as the threads on the underside of the Floor Box are 1/2" deep.

Floor Boxes

Material	*Item №*	*Weight*
Cast Carbon Steel *	367-4622	31.05 lbs.
Cast 316 Stainless Steel	367-4621	33.45 lbs.

* Carbon steel models are EDP coated.

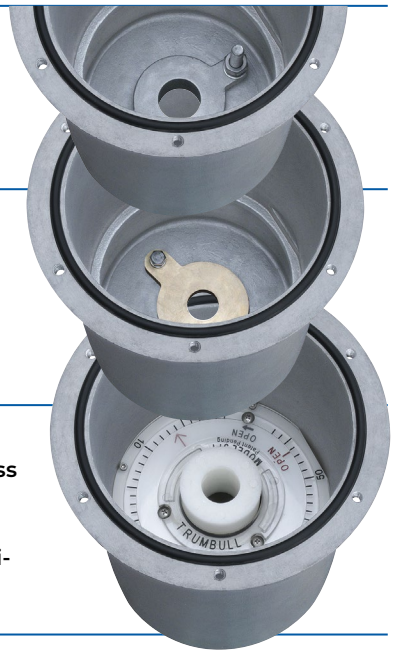
Optional Accessories

Available as special order

PACKING GLAND
with stainless steel follower seals bottom of Floor Box

BRASS BUSHING
aligns extension stem when bottom seal is not utilized

POSITION INDICATOR
can be used with either brass bushing or packing gland, see Pages F-7 and F-8 for Trumbull Valve Position Indicator installation in floors.



Description	*Weight*
SS Packing Gland	2.10 lbs.
Brass Bushing	1.75 lbs.

See Page G-13 for other custom options.

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