

# Process Ball Valve Handle Options



## Handle Kits and Factory-Installed Handles

- Lever and oval handles
- Locking brackets for lever and oval handles
- Oval latch-lock handles

## 60 Series Valve Handles

Lever handles are standard for 60 series ball valves. Also available are:

- oval handles
- locking brackets for lever and oval handles
- oval latch-lock handles
- replacement vinyl sleeves.

### Lever Handles

Lever handles with vinyl sleeves are standard on Swagelok 60 series valves, except for thermal service (T60M) valve handles, which have no sleeves.

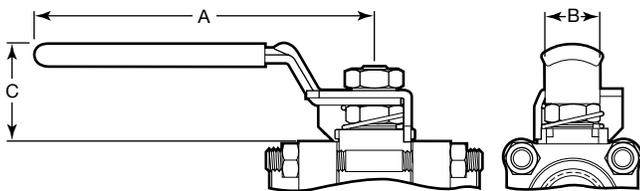
### Lever Handle Kits

Kits include:

- stainless steel lever handle with black vinyl sleeve
- stop plate (not required for 62 or W60 series valves)
- stem spring (not required for 62 series valves).

### Ordering Information and Dimensions

Dimensions are for reference only and are subject to change.



Valve Series	Kit Ordering Number	Dimensions, in. (mm)		
		A	B	C
62	SS-51K-62-BK	2.37 (60.2)	0.69 (17.5)	0.98 (24.9)
62 3-way	SS-51K-62X-BK			
63	SS-51K-63-BK	4.50 (114)	0.88 (22.4)	1.46 (37.1)
63 3-way	SS-51K-63X-BK			
T63M	SS-51K-63			
W63	SS-51K-W63-BK			1.31 (33.3)
65	SS-51K-65-BK	6.00 (152)	1.12 (28.4)	1.69 (42.9)
65 3-way	SS-51K-65X-BK			
T65M	SS-51K-65			
W65	SS-51K-W65-BK			1.45 (36.8)
67, 68	SS-51K-67-BK	9.14 (232)	1.38 (35.1)	2.50 (63.5)
67, 68 3-way	SS-51K-67X-BK			
T67M, T68M	SS-51K-67			

## Lever and Oval Sleeve Color Designators

Sleeve Color	Designator	Sleeve Color	Designator
Black	BK	Orange	OG
Blue	BL	Red	RD
Green	GR	Yellow	YW



### Lever Handle Kits

Select a kit ordering number. For sleeve colors other than black, replace **BK** in the ordering number with a sleeve color designator.

Example: SS-51K-62-**BL**

### Lever-Handle Valves with Colored Sleeves

To order valves with sleeves of colors other than black, add a dash and a sleeve color designator to the valve ordering number.

Example: SS-62TS4-**BL**

### Replacement Vinyl Lever-Handle Sleeves

Select a kit ordering number and add a color designator.

Valve Series	Basic Kit Ordering Number	Valve Series	Basic Kit Ordering Number
62	VNL-51K-62-	65, W65	VNL-51K-65-
62 3-way	VNL-51K-62X-	65 3-way	VNL-51K-65X-
63, W63	VNL-51K-63-	67, 68	VNL-51K-67-
63 3-way	VNL-51K-63X-	67, 68 3-way	VNL-51K-67X-

Example: VNL-51K-62-**BK**

## Oval Handles

Oval handles are available for 60 series valves. The standard sleeve color is orange, except for thermal service (T60M) handles, which have no sleeves.

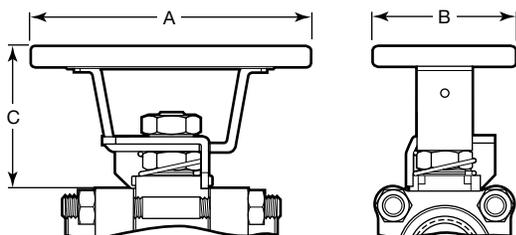
### Oval Handle Kits

Kits include:

- stainless steel oval handle with orange vinyl sleeve
- stop plate (not required for 62 or W60 series valves)
- stem springs (not required for 62 series valves)
- stem nut (62 series valves only)
- instructions.

### Ordering Information and Dimensions

Dimensions are for reference only and are subject to change.



Valve Series	Kit Ordering Number	Dimensions, in. (mm)		
		A	B	C
62	SS-51K-62K-OG	2.09	1.59	0.88
62 3-way	SS-51K-62XK-OG	(53.1)	(40.4)	(22.4)
63	SS-51K-63K-OG	4.09	2.34	2.07
63 3-way	SS-51K-63XK-OG			
T63M	SS-51K-63K			2.06
W63	SS-51K-W63K-OG			
65	SS-51K-65K-OG	4.72	2.46	2.43
65 3-way	SS-51K-65XK-OG			
T65M	SS-51K-65K			2.45
W65	SS-51K-W65K-OG			
67, 68	SS-51K-67K-OG	5.59	2.59	2.79
67, 68 3-way	SS-51K-67XK-OG			
T67M, T68M	SS-51K-67K			



### Oval Handle Kits

Select a kit ordering number. For sleeve colors other than orange, replace **OG** in the ordering number with a sleeve color designator.

Example: SS-51K-62K-**BK**

### Oval-Handle Valves

To order 60 series valves with oval handles and orange vinyl sleeves, add **-JK** to the valve ordering number.

Example: SS-62TS4-**JK**

For other colors, add or insert a dash and a sleeve color designator to the ordering number so that the designators are in *alphabetical* order.

Examples: SS-62TS4-**BK**-JK  
SS-62TS4-**JK**-**YW**

### Replacement Vinyl Oval-Handle Sleeves

Select a kit ordering number and add a color designator.

Valve Series	Basic Kit Ordering Number	Valve Series	Basic Kit Ordering Number
62	VNL-51K-62K-	65, W65	VNL-51K-65K-
62 3-way	VNL-51K-62XK-	65 3-way	VNL-51K-65XK-
63, W63	VNL-51K-63K-	67, 68	VNL-51K-67K-
63 3-way	VNL-51K-63XK-	67, 68 3-way	VNL-51K-67XK-

Example: VNL-51K-62K-**BK**

### Handle Extensions

Two- and four-inch handle extensions are available. Contact your authorized Swagelok sales and service representative.

## Locking Brackets for Lever and Oval Handles

Locking brackets can lock valves open or closed and accommodate shackle diameters smaller than:

- 0.344 in. (8.7 mm)—62, 63, and 65 series
- 0.375 in. (9.5 mm)—67 and 68 series

Valves with locking brackets cannot be panel mounted.

### Locking Bracket Kits

Kits include:

- stainless steel locking bracket
- stainless steel stop lock plate (not required for 62 series valves)
- stem spring (not required for 62 series valves)
- body hex nuts (4-bolt valve kits only)
- body fasteners (all 4-bolt valve kits and 62 series 8-bolt valve kits)
- stainless steel lever handle with black vinyl sleeve (62 series lever-handle valves only)
- stainless steel oval handle with orange vinyl sleeve (62 series oval-handle valves only)
- instructions.

### Ordering Information and Dimensions

A, B, and C dimensions of valves with locking brackets are the same as those of standard valves.

#### Locking Bracket/Handle Kits for 62 Series Valves

Kits include lever or oval handle. Select a kit ordering number. For a sleeve color other than black for lever handles or orange for oval handles, replace **BK** or **OG** in the kit ordering number with a sleeve color designator.

Valve Series	Lever Handle Kit Ordering Numbers	
	4-Bolt Valves	8-Bolt Valves
62	SS-51K-62L-BK	SS-51K-S62L-BK
62 3-way	SS-51K-62XL-BK	—

Valve Series	Oval Handle Kit Ordering Numbers	
	4-Bolt Valves	8-Bolt Valves
62	SS-51K-62LK-OG	SS-51K-S62LK-OG
62 3-way	SS-51K-62XLK-OG	—

Examples: SS-51K-62L-**BL** for a locking bracket kit with lever handle and blue sleeve  
 SS-51K-62LK-**GR** for a locking bracket kit with oval handle and green sleeve



#### Locking Bracket Kits for 63, 65, 67, and 68 Series Valves

Kits are for use for valves with either lever or oval handles. Select a kit ordering number.

Valve Series	Kit Ordering Numbers	
	4-Bolt Valves	8-Bolt Valves
63	SS-51K-63L	SS-51K-S63L
63 3-way	SS-51K-63XL	—
65	SS-51K-65L	SS-51K-S65L
65 3-way	SS-51K-65XL	—
67	SS-51K-67L	SS-51K-S67L
67 3-way	SS-51K-67XL	—
68	SS-51K-68L	SS-51K-S68L
68 3-way	SS-51K-68XL	—

#### Lever-Handle Valves with Locking Brackets

To order 60 series lever-handle valves with locking brackets, add **-JL** to the valve ordering number.

Example: SS-62TS4-**JL**

For a sleeve color other than black, add or insert a dash and a sleeve color designator so that the designators are in *alphabetical* order.

Examples: SS-62TS4-**BL**-JL  
 SS-62TS4-**JL**-**RD**

#### Oval-Handle Valves with Locking Brackets

To order 60 series oval-handle valves with locking brackets, add **-JLK** to the valve ordering number.

Example: SS-62TS4-**JLK**

For a sleeve color other than orange, add or insert a dash and a sleeve color designator so that the designators are in *alphabetical* order.

Examples: SS-62TS4-**BL**-JLK  
 SS-62TS4-**JLK**-**YW**

## Oval Latch-Lock Handles

Oval latch-lock handles are available for 63 and 65 2-way series valves. The handles can lock valves open or closed and accommodate shackle diameters smaller than 0.328 in. (8.3 mm). Valves with oval latch-lock handles cannot be panel mounted.

### Latch-Lock Kits

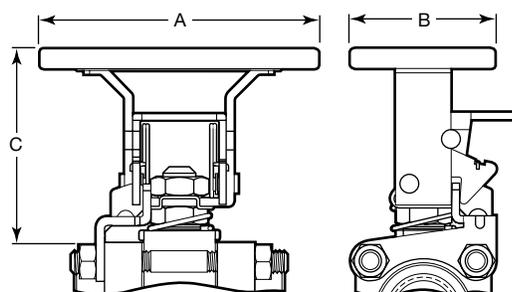
Kits include:

- stainless steel oval handle with trigger mechanism and orange vinyl sleeve
- stainless steel stop lock-plate bracket (not required for W60 series valves)
- body hex nuts (4-bolt valve kits only)
- body fasteners (4-bolt valve kits only)
- stem spring
- instructions.



### Ordering Information and Dimensions

Dimensions are for reference only and are subject to change.



Valve Series	Kit Ordering Numbers		Dimensions, in. (mm)		
	4-Bolt Valves	8-Bolt and Welded Valves	A	B	C
<b>Lock in open and closed position</b>					
63	SS-51K-63LLK-OG	SS-51K-S63LLK-OG	4.09 (104)	2.34 (59.4)	3.05 (77.5)
W63	—	SS-51K-W63LLK-OG			2.06 (52.3)
65	SS-51K-65LLK-OG	SS-51K-S65LLK-OG	4.72 (120)	2.46 (62.5)	3.35 (85.1)
W65	—	SS-51K-W65LLK-OG			2.45 (62.2)
<b>Lock in open position</b>					
63	SS-51K-63LLKO-OG	SS-51K-S63LLKO-OG	4.09 (104)	2.34 (59.4)	3.05 (77.5)
65	SS-51K-65LLKO-OG	SS-51K-S65LLKO-OG	4.72 (120)	2.46 (62.5)	3.35 (85.1)
<b>Lock in closed position</b>					
63	SS-51K-63LLKC-OG	SS-51K-S63LLKC-OG	4.09 (104)	2.34 (59.4)	3.05 (77.5)
W63	—	SS-51K-W63LLKC-OG			2.06 (52.3)
65	SS-51K-65LLKC-OG	SS-51K-S65LLKC-OG	4.72 (120)	2.46 (62.5)	3.35 (85.1)
W65	—	SS-51K-W65LLKC-OG			2.45 (62.2)

### Oval Latch-Lock Handle Kits

Select a kit ordering number. For a sleeve color other than orange, replace **OG** in the ordering number with a sleeve color designator.

Example: SS-51K-63LLK-**BL**

### Valves with Oval Latch-Lock Handles

To order 60 series valves with oval latch-lock handles, add **-LLK** to the valve ordering number.

Example: SS-63TS8-**LLK**

For a sleeve color other than orange, add or insert a dash and a sleeve color designator so that the designators are in *alphabetical* order.

Examples: SS-63TS8-**BL**-LLK  
SS-63TS8-LLK-**RD**

**Safe Product Selection**

**When selecting a product, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.**

**Caution: Do not mix or interchange parts with those of other manufacturers.**

**Warranty Information**

Swagelok products are backed by The Swagelok Limited Lifetime Warranty. For a copy, visit [swagelok.com](http://swagelok.com) or contact your authorized Swagelok representative.

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