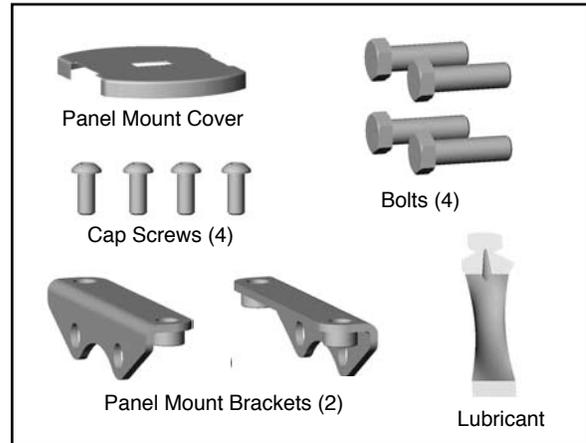


### Kit Contents

- Panel Mount Brackets (2)
- Cap Screws (4)
- Bolts (4)
- Panel Mount Cover (except 62 series with oval handle)
- Lubricant with MSDS sheet
- Assembly Instructions

### Maximum Panel Thickness

62 series	0.188 in. (4.77 mm)
All other 60 series	0.25 in. (6.35 mm)



### Assembly Instructions

Refer to the illustrations on page 2 for a 62 series and a 65 series steam ball valve.

1. Loosen and remove the top four **body bolts** from the valve. Do not loosen the remaining (4) bolts.
2. Loosen and remove **stem nut, stem spring, nameplate, stop plate, handle, and grounding spring** from valve **stem**.
3. Position one of the **panel mount brackets** against the **flange** so the more closely spaced pair of holes lines up with the holes in the flange.
4. Lubricate the (4) **bolts** with the lubricant provided. Install (2) **bolts** through the holes in the **bracket, flange, and into the body**.
5. Position the other **panel mount bracket** against the other **flange** so the more closely spaced pair of holes lines up with the holes in the flange. Note: The **tab** with the threaded hole(s) should point **away** from the valve **stem**.
6. Install the other (2) **bolts** through the holes in the **bracket, flange, and into the body**. Tighten the **bolts** (4) according to the table below.

7. Drill **mounting holes** in panel. See the diagram and table on page 3 and / or use template on page 4.

Note: For 62 series in a horizontal piping system, turn template 90° to drill holes.

8. Line up the **panel mounting holes** with the mounting bracket **tabs**. Use the **cap screws** to fasten the valve assembly to the panel.
9. Reinstall the **grounding spring, handle, and stop plate**. Install **cover plate**.

Note: 62 series uses a cover plate with lever style handle only.

10. Reinstall the **stem spring, and stem nut**. Tighten the **stem nut** to the value shown below.

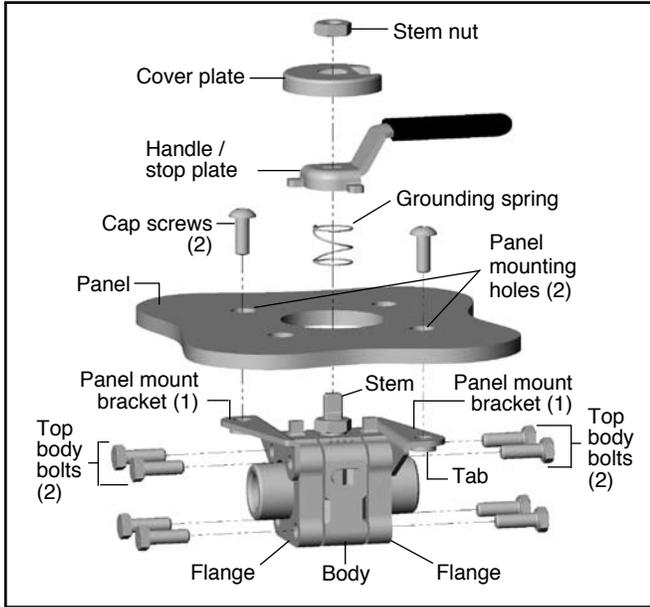
Note: 62 series does not use a **stem spring**.

Valve Series	Torque Values in.·lb (N·m)				
	1st Pass	2nd Pass	3rd Pass	4th Pass	5th Pass
S62	5.0 (0.57)	10 (1.1)	20 (2.3)	40 (4.5)	40 (4.5)
A63 / S63	10 (1.1)	20 (2.3)	40 (4.5)	150 (17.0)	150 (17.0)
A65 / S65	25 (2.8)	50 (5.7)	100 (11.3)	300 (33.9)	300 (33.9)
A67 / S67	35 (4.0)	75 (8.5)	150 (17.0)	400 (45.2)	400 (45.2)
A68 / S68	40 (4.5)	100 (11.3)	200 (22.6)	600 (67.8)	600 (67.8)

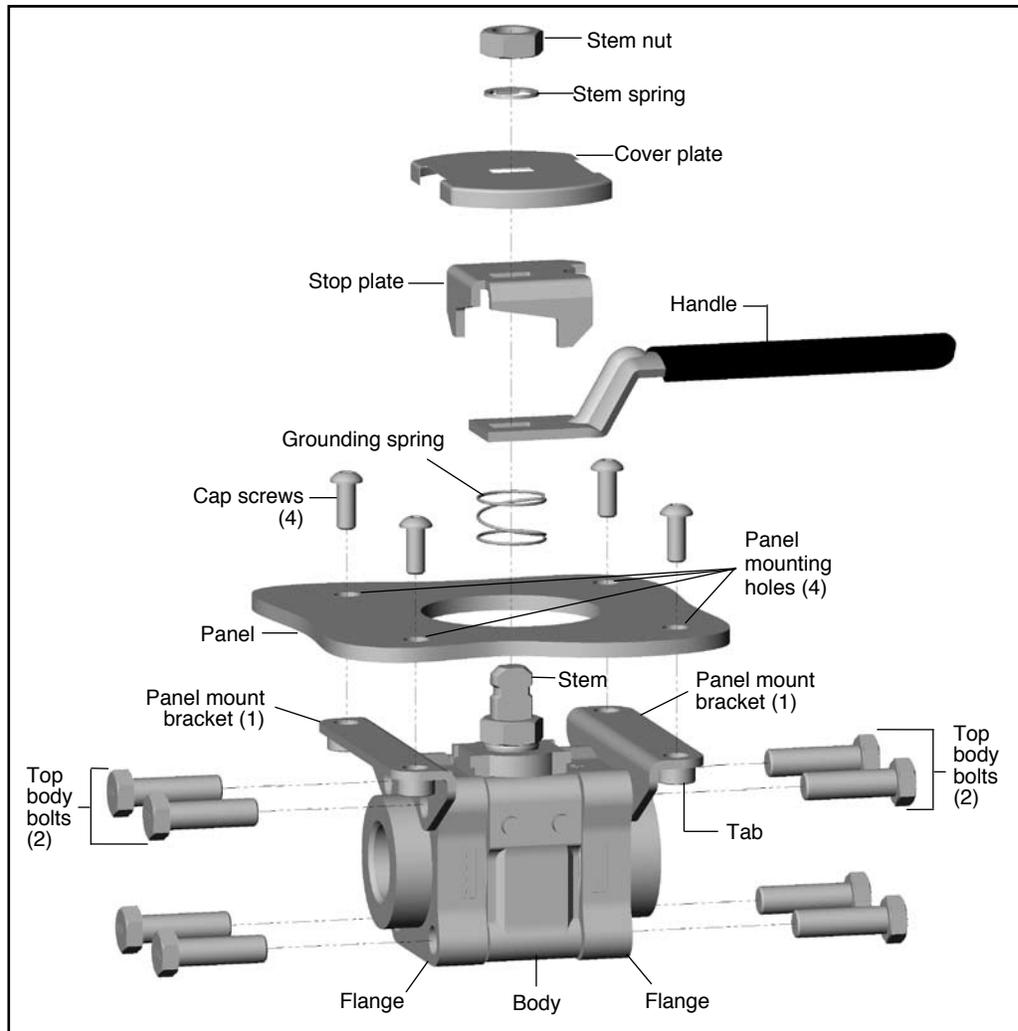
Valve Series	Torque Values in.·lb (N·m)
	1st Pass
S62	25 (2.8)
A63 / S63	50 (5.7)
A65 / S65	100 (11.3)
A67 / S67	150 (17.0)
A68 / S68	150 (17.0)



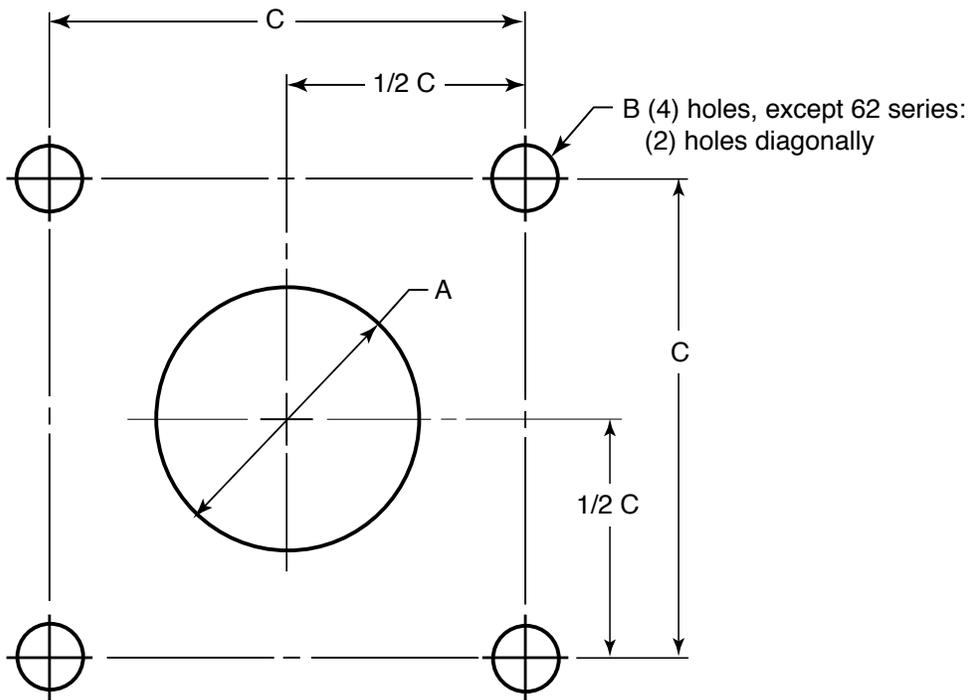
## 62 Series Ball Valve



## 65 Series Ball Valve



## Panel Mounting Hole Diagram



Valve Series	Dimensions in. (mm)		
	A Dia.	B Dia.	C
S62	1 3/8 (34.9)	1/4 (6.4)	1 29/32 (48.4)
A63 / S63	1 7/8 (47.6)	11/32 (8.7)	2 1/2 (63.5)
A65 / S65	2 3/8 (60.3)		3 1/2 (88.9)
A67 / S67	3 5/8 (92.1)	13/32 (10.3)	4 5/8 (118)
A68 / S68			5 (127)

# Panel Mounting Hole Template

