

# Lead-Free Brass Gate Valve

Brass Body • Non-Rising Stem • Full Port

**200 PSI/14 Bar Non-Shock Cold Working Pressure**  
**NSF/ANSI/CAN 61 • NSF/ANSI 61/372**  
**MSS SP-80**



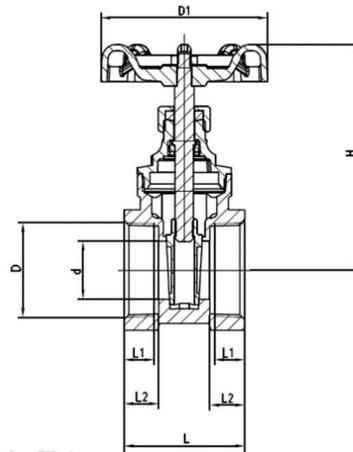
**TI-8-LF**  
Threaded



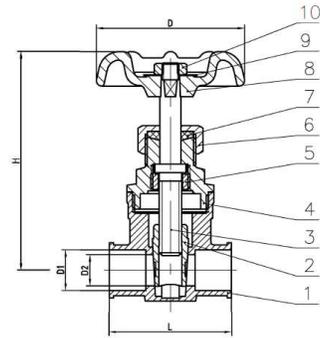
**SI-8-LF**  
Solder

## MATERIAL LIST

PART	SPECIFICATION
1. Body	Brass C46500
2. Bonnet	Brass C46500
3. Nut	ASTM B 209 Alloy 1100
4. Disc	Brass C46500
5. Stem	Brass C46500
6. Gasket	PTFE
7. Nut	Brass
8. Handwheel	Cast Iron
9. Name Plate	Aluminum
10. Nut	Q235



**TI-8-LF**  
NPT x NPT



**SI-8-LF**  
Cup x Cup

## DIMENSIONS—WEIGHTS

Size	Dimensions												WEIGHT										
	TI-8-LF		SI-8-LF		TI-8-LF		SI-8-LF		TI-8-LF		SI-8-LF		TI-8-LF		SI-8-LF								
In. mm.	D1	D	H	H	L	L	d	D1	D2	D2	D2	Lbs.	Kg.	Lbs.	Kg.								
1/4	8	2.09	Ø53	—	—	2.58	65.5	—	—	1.61	41	—	—	0.44	0.20	—	—						
3/8	10	2.09	Ø53	—	—	2.58	65.5	—	—	1.61	41	—	—	0.44	0.20	—	—						
1/2	15	2.09	Ø53	2.09	Ø53	2.64	67	2.64	67	1.65	42	1.70	43.3	0.51	Ø13	0.63	Ø16	.51	Ø13	0.59	0.26	0.46	0.21
3/4	20	2.09	Ø53	2.09	Ø53	2.91	74	2.91	74	1.87	47.5	2.20	56	0.67	Ø17	0.88	Ø22.3	.67	Ø17	0.71	0.32	0.66	0.30
1	25	2.32	Ø59	2.32	Ø59	3.19	81	3.19	81	1.98	50.2	2.60	66	0.77	Ø19.5	1.13	Ø28.7	.77	Ø19.5	1.11	0.50	0.94	0.43
1 1/4	32	3.07	Ø78	3.07	Ø78	3.66	93	3.66	93	2.30	58.3	2.91	74	1.10	Ø28	1.38	Ø35	1.10	Ø28	1.65	0.75	1.54	0.70
1 1/2	40	3.07	Ø78	3.07	Ø78	4.29	109	4.29	109	2.36	60	3.15	80	1.34	Ø34	1.63	Ø41.4	1.34	Ø34	2.09	0.95	1.76	0.80
2	50	3.07	Ø78	3.07	Ø78	5.24	133	5.24	133	2.56	65	3.66	93	1.71	Ø43.5	2.02	Ø51.4	1.71	Ø43.5	3.20	1.45	2.98	1.35
*2 1/2	65	3.82	Ø97	3.81	Ø97	5.94	151	5.94	151	3.31	84	4.41	112	2.20	Ø56	2.63	Ø66.8	2.20	Ø56	5.07	2.30	4.90	2.22
*3	80	4.25	Ø108	4.25	Ø108	6.73	171	6.73	171	3.70	94	4.92	125	2.74	Ø69.5	2.95	Ø79.5	2.60	Ø66	5.95	2.70	8.75	3.97
*4	100	4.96	Ø126	4.96	Ø126	8.19	208	8.19	208	3.98	101	6.30	160	3.39	Ø86	4.13	Ø104.9	3.38	Ø86	11.24	5.10	13.89	6.30

\*Conventional Port only