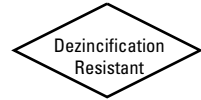


# Bronze Ball Valves

Two-Piece Body • Full Port 1/4"-1" • Conventional Port 1 1/4"-2" • Bronze Trim • Safety Vent® for Pneumatic Applications • Blowout-Proof Stem



**600 PSI/41.4 Bar Non-Shock Cold Working Pressure**



O.S.H.A. 1910.147

## MATERIAL LIST

PART	SPECIFICATION
1. Handle Nut	Zinc Plated Steel
2. Handle	Zinc Plated Steel Clear Chromate Plastisol Coated
3. Threaded Pack Gland	Brass ASTM B 16 Alloy C36000
4. Packing	PTFE
5. Stem	Silicon Bronze ASTM B 371 Alloy C69430 or C69300 or ASTM B 99 Alloy C65100
6. Thrust Washer	Reinforced PTFE
7. Ball	Brass ASTM B 124 Alloy C37700 or ASTM B16 Alloy C36000 EACH with Hard Chrome Plate
8. Seat Ring (2)	Reinforced PTFE
9. Body	Bronze ASTM B 584 Alloy C84400
10. Body End Piece	Bronze ASTM B 584 Alloy C84400
11. Locking Device	300 Series Stainless Steel

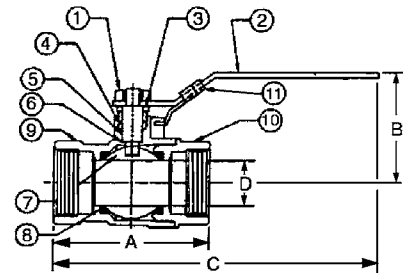
Note: A Buna O-ring is installed on the upstream side behind the seat ring. Maximum temperature of Buna is 180° F. (Not Shown)

### T-585-70-SV

1/4"-1" Full Port  
Threaded

### T-580-70-SV

1 1/4"-2" Conventional Port  
Threaded



T-585-70-SV  
T-580-70-SV  
NPT x NPT

## DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions				T-585-70-SV		Master Ctn. Qty.					
	A	B	C	D	T-580-70-SV	Lbs. Kg.						
† 1/4	8	2.00	51	1.75	44	5.00	127	.38	10	.49	.22	100
† 3/8	10	2.00	51	1.75	44	5.00	127	.38	10	.48	.22	100
† 1/2	15	2.44	62	1.88	48	5.19	132	.50	13	.68	.31	100
† 3/4	20	2.94	75	2.25	57	6.25	159	.75	19	1.38	.63	50
† 1	25	3.34	85	2.38	60	6.44	164	1.00	25	1.99	.90	40
1 1/4	32	3.94	100	2.63	67	6.75	171	1.00	25	2.37	1.07	20
1 1/2	40	4.31	109	3.00	76	8.88	226	1.25	32	3.57	1.62	20
2	50	4.63	118	3.16	80	9.06	230	1.50	38	5.20	2.36	10

NIBCO T-585-70-SV Safety Vent® lock-out ball valves provide positive energy isolation per O.S.H.A. standard 1910.147. Valves lock in closed position only. For compressed air. To order specify T-585-70-SV/T-580-70-SV.

† NIBCO Supplies Full Port T-585-70-SV on this size.

