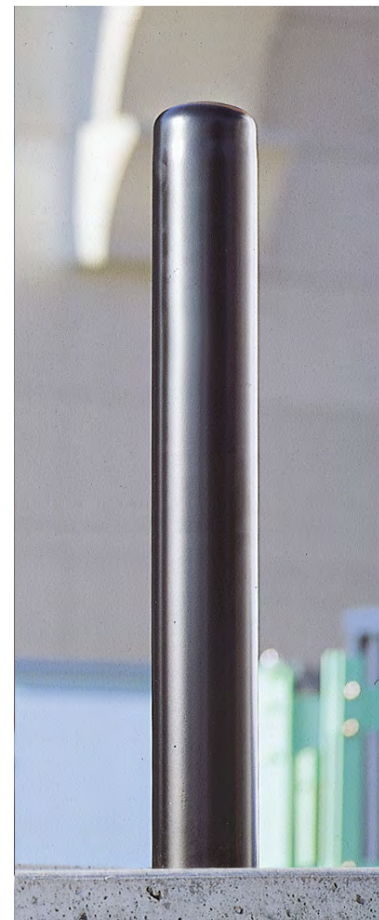


B-2 Bollard Collection

Steel Bollards for Pedestrian/Traffic Control and Security Barriers

Materials: **Mild Steel and Stainless Steel**

Simplicity and function, our B-2 Bollard Collection offers a selection of basic commercial steel bollards in 4, 6, and 8 inch diameters with fully welded flat or dome cap and a powder coated finish. The B-2 Bollard is often used to protect or control perimeter areas and define a road or pathway. The B-2, 6", and 8" have been used as security bollards and are specified with a concrete fill cap and/or heavy schedule 80 steel pipe on permanent embed options.



- Available in schedule 10, 40 or 80 pipe, as required
- Bollards available in 30", 36", 42", or 48" standard heights
- Choose from three mounting styles: surface, removable or permanent embed
- B-2 Bollard Collection has optional eyebolts for specific projects



B-2 Bollard Collection

Specifications

Part. No.	Description	Size (W x H)	Weight	Mounting
B-0220-40-3004	Dome-top Steel Bollard - 4", 30", Schedule 40	4" x 30", Length 48"	56	Permanent Embed
B-0200-40-3004	Dome-top Steel Bollard - 4", 30", Sched. 40	4" x 30", length 30"	56	Surface
B-0240-40-3004	Dome-top Steel Bollard - 4", 30", Sched. 40, use 4" Receiver	4" x 30", length 42"	81	Removable
B-0220-40-3604	Dome-top Steel Bollard - 4", 36", Sched. 40	4" x 36", length 54"	62	Permanent Embed
B-0200-40-3604	Dome-top Steel Bollard - 4", 36", Sched. 40	4" x 36", length 36"	62	Surface
B-0240-40-3604	Dome-top Steel Bollard - 4", 36", Sched. 40, use 4" Receiver	4" x 36", length 48"	87	Removable
B-0220-40-4204	Dome-top Steel Bollard - 4", 42", Sched. 40	4" x 42", length 60"	68	Permanent Embed
B-0200-40-4204	Dome-top Steel Bollard - 4", 42", Sched. 40	4" x 42", length 42"	68	Surface
B-0240-40-4204	Dome-top Steel Bollard - 4", 42", Sched. 40, use 4" Receiver	4" x 42", length 54"	93	Removable
B-0220-40-4804	Dome-top Steel Bollard - 4", 48", Sched. 40	4" x 48", length 66"	74	Permanent Embed
B-0200-40-4804	Dome-top Steel Bollard - 4", 48", Sched. 40	4" x 48", length 48"	74	Surface
B-0240-40-4804	Dome-top Steel Bollard - 4", 48", Sched. 40, use 4" Receiver	4" x 48", length 60"	99	Removable
B-02120-40-3004	Flat-top Steel Bollard - 4", 30", Sched. 40	4" x 30", length 48"	56	Permanent Embed
B-02120-40-3004	Flat-top Steel Bollard - 4", 30", Sched. 40	4" x 30", length 30"	56	Surface
B-02120-40-3004	Flat-top Steel Bollard - 4", 30", Sched. 40, use 4" Receiver	4" x 30", length 42"	81	Removable
B-02120-40-3604	Flat-top Steel Bollard - 4", 30", Sched. 40	4" x 36", length 54"	62	Permanent Embed
B-02100-40-3604	Flat-top Steel Bollard - 4", 30", Sched. 40	4" x 36", length 36"	62	Surface
B-02140-40-3604	Flat-top Steel Bollard - 4", 30", Sched. 40, use 4" Receiver	4" x 36", length 48"	87	Removable
B-02120-40-4204	Flat-top Steel Bollard - 4", 30", Sched. 40	4" x 42", length 60"	68	Permanent Embed
B-02100-40-4204	Flat-top Steel Bollard - 4", 30", Sched. 40	4" x 42", length 42"	68	Surface
B-02140-40-4204	Flat-top Steel Bollard - 4", 30", Sched. 40, use 4" Receiver	4" x 42", length 54"	93	Removable
B-02120-40-4804	Flat-top Steel Bollard - 4", 36", Sched. 40	4" x 48", length 66"	74	Permanent Embed
B-02100-40-4804	Flat-top Steel Bollard - 4", 36", Sched. 40	4" x 48", length 48"	74	Surface
B-02140-40-4804	Flat-top Steel Bollard - 4", 36", Sched. 40, use 4" Receiver	4" x 48", length 60"	99	Removable
B-0220-10-3006	Dome-top Steel Bollard - 6", 30", Sched. 10	6" x 30", length 48"	46	Permanent Embed
B-0220-40-3006	Dome-top Steel Bollard - 6", 30", Sched. 40	6" x 30", length 48"	72	Permanent Embed
B-0220-80-3006	Dome-top Steel Bollard - 6", 30", Sched. 80	6" x 30", length 48"	96	Permanent Embed
B-0200-10-3006	Dome-top Steel Bollard - 6", 30", Sched. 10	6" x 30", length 30"	46	Surface
B-0200-40-3006	Dome-top Steel Bollard - 6", 30", Sched. 40	6" x 30", length 30"	72	Surface
B-0200-80-3006	Dome-top Steel Bollard - 6", 30", Sched. 80	6" x 30", length 30"	96	Surface
B-0240-10-3006	Dome-top Steel Bollard - 6", 30", Schedule 10, use 6" Receiver	6" x 30", length 48"	76	Removable
B-0240-40-3006	Dome-top Steel Bollard - 6", 30", Sched. 40, use 6" Receiver	6" x 30", length 48"	102	Removable
B-0240-80-3006	Dome-top Steel Bollard - 6", 30", Sched. 80, use 6" Receiver	6" x 30", length 48"	126	Removable

Note: All heights listed in description are measured above grade. B-2 Bollards are available in 30", 36", 42", and 48" heights, removable bollard receivers are sold separately.

B-2 Bollard Collection

Specifications

Part No.	Description	Size (W x H)	Weight	Mounting
B-0220-10-3606	Dome-top Steel Bollard - 6", 36", Sched. 10	6" x 36", length 54"	50	Permanent Embed
B-0220-40-3606	Dome-top Steel Bollard - 6", 36", Sched. 40	6" x 36", length 54"	80	Permanent Embed
B-0220-80-3606	Dome-top Steel Bollard - 6", 36", Sched. 80	6" x 36", length 54"	107	Permanent Embed
B-0200-10-3606	Dome-top Steel Bollard - 6", 36", Sched. 10	6" x 36", length 36"	50	Surface
B-0200-40-3606	Dome-top Steel Bollard - 6", 36", Sched. 40	6" x 36", length 36"	80	Surface
B-0200-80-3606	Dome-top Steel Bollard - 6", 36", Sched. 80	6" x 36", length 36"	107	Surface
B-0240-10-3606	Dome-top Steel Bollard - 6", 36", Sched. 10, use 6" Receiver	6" x 36", length 54"	80	Removable
B-0240-40-3606	Dome-top Steel Bollard - 6", 36", Sched. 40, use 6" Receiver	6" x 36", length 54"	110	Removable
B-0240-80-3606	Dome-top Steel Bollard - 6", 36", Sched. 80, use 6" Receiver	6" x 36", length 54"	137	Removable
B-0220-10-4206	Dome-top Steel Bollard - 6", 42", Sched. 10	6" x 42", length 60"	54	Permanent Embed
B-0220-40-4206	Dome-top Steel Bollard - 6", 42", Sched. 40	6" x 42", length 60"	88	Permanent Embed
B-0220-80-4206	Dome-top Steel Bollard - 6", 42", Sched. 80	6" x 42", length 60"	118	Permanent Embed
B-0200-10-4206	Dome-top Steel Bollard - 6", 42", Sched. 10	6" x 42", length 42"	54	Surface
B-0200-40-4206	Dome-top Steel Bollard - 6", 42", Sched. 40	6" x 42", length 42"	88	Surface
B-0200-80-4206	Dome-top Steel Bollard - 6", 42", Sched. 80	6" x 42", length 42"	118	Surface
B-0240-10-4206	Dome-top Steel Bollard - 6", 42", Sched. 10, use 6" Receiver	6" x 42", length 60"	84	Removable
B-0240-40-4206	Dome-top Steel Bollard - 6", 42", Sched. 40, use 6" Receiver	6" x 42", length 60"	118	Removable
B-0240-80-4206	Dome-top Steel Bollard - 6", 42", Sched. 80, use 6" Receiver	6" x 42", length 60"	148	Removable
B-0220-10-4806	Dome-top Steel Bollard - 6", 48", Sched. 10	6" x 48", length 66"	58	Permanent Embed
B-0220-40-4806	Dome-top Steel Bollard - 6", 48", Sched. 40	6" x 48", length 66"	96	Permanent Embed
B-0220-80-4806	Dome-top Steel Bollard - 6", 48", Sched. 80	6" x 48", length 66"	129	Permanent Embed
B-0200-10-4806	Dome-top Steel Bollard - 6", 48", Sched. 10	6" x 48", length 48"	58	Surface
B-0200-40-4806	Dome-top Steel Bollard - 6", 48", Sched. 40	6" x 48", length 48"	96	Surface
B-0200-80-4806	Dome-top Steel Bollard - 6", 48", Sched. 80	6" x 48", length 48"	129	Surface
B-0240-10-4806	Dome-top Steel Bollard - 6", 48", Sched. 10, use 6" Receiver	6" x 48", length 66"	88	Removable
B-0240-40-4806	Dome-top Steel Bollard - 6", 48", Sched. 40, use 6" Receiver	6" x 48", length 66"	126	Removable
B-0240-80-4806	Dome-top Steel Bollard - 6", 48", Schedule. 80, use 6" Receiver	6" x 48", length 66"	159	Removable
B-02120-10-3006	Flat-top Steel Bollard - 6", 30", Sched. 10	6" x 30", length 48"	46	Permanent Embed
B-02120-40-3006	Flat-top Steel Bollard - 6", 30", Sched. 40	6" x 30", length 48"	72	Permanent Embed
B-02120-80-3006	Flat-top Steel Bollard - 6", 30", Sched. 80	6" x 30", length 48"	96	Permanent Embed
B-02100-10-3006	Flat-top Steel Bollard - 6", 30", Sched. 10	6" x 30", length 30"	46	Surface
B-02100-40-3006	Flat-top Steel Bollard - 6", 30", Sched. 40	6" x 30", length 30"	72	Surface
B-02100-80-3006	Flat-top Steel Bollard - 6", 30", Sched. 80	6" x 30", length 30"	96	Surface
B-02140-10-3006	Flat-top Steel Bollard - 6", 30", Sched. 10, use 6" Receiver	6" x 30", length 48"	76	Removable
B-02140-40-3006	Flat-top Steel Bollard - 6", 30", Sched. 40, use 6" Receiver	6" x 30", length 48"	102	Removable
B-02140-80-3006	Flat-top Steel Bollard - 6", 30", Sched. 80, use 6" Receiver	6" x 30", length 48"	126	Removable
B-02120-10-3606	Flat-top Steel Bollard - 6", 36", Sched. 10	6" x 36", length 54"	50	Permanent Embed
B-02120-40-3606	Flat-top Steel Bollard - 6", 36", Sched. 40	6" x 36", length 54"	80	Permanent Embed
B-02120-80-3606	Flat-top Steel Bollard - 6", 36", Sched. 80	6" x 36", length 54"	107	Permanent Embed
B-02100-10-3606	Flat-top Steel Bollard - 6", 36", Sched. 10	6" x 36", length 36"	46	Surface
B-02100-40-3606	Flat-top Steel Bollard - 6", 36", Sched. 40	6" x 36", length 36"	72	Surface
B-02100-80-3606	Flat-top Steel Bollard - 6", 36", Sched. 80	6" x 36", length 36"	96	Surface
B-02140-10-3606	Flat-top Steel Bollard - 6", 36", Sched. 10, use 6" Receiver	6" x 36", length 54"	76	Removable
B-02140-40-3606	Flat-top Steel Bollard - 6", 36", Sched. 40, use 6" Receiver	6" x 36", length 54"	102	Removable
B-02140-80-3606	Flat-top Steel Bollard - 6", 36", Sched. 80 w/ 6" Receiver	6" x 36", length 54"	126	Removable

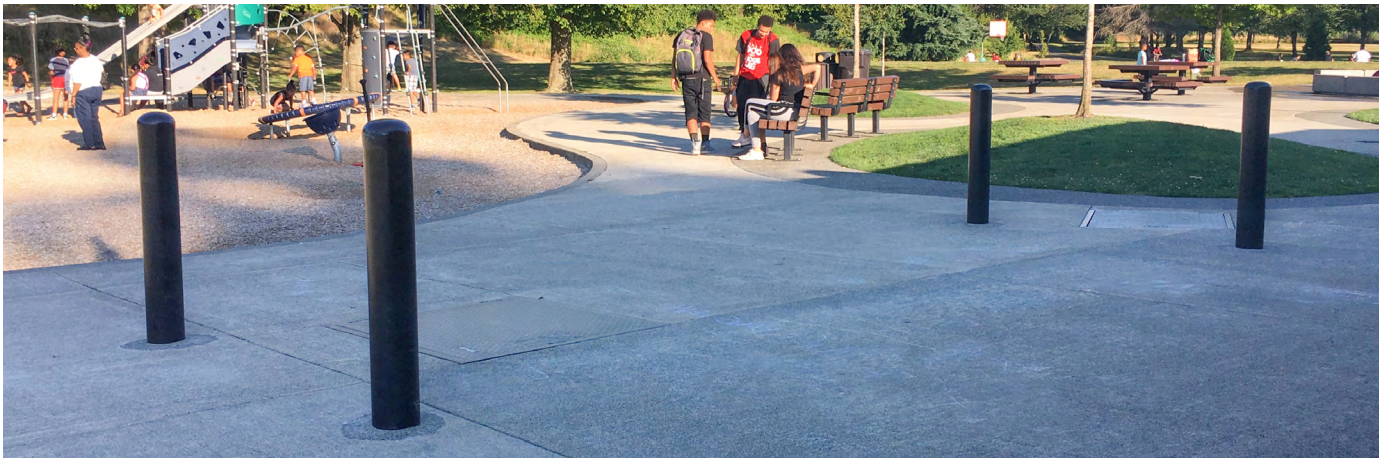
Note: All heights listed in description are measured above grade. B-2 Bollards are available in 30", 36", 42", and 48" heights, removable bollard receivers are sold separately.



Specifications

Part No.	Description	Size (W x H)	Weight	Mounting
B-02120-10-4206	Flat-top Steel Bollard - 6", 42", Sched. 10	6" x 42", length 60"	54	Permanent Embed
B-02120-40-4206	Flat-top Steel Bollard - 6", 42", Sched. 40	6" x 42", length 60"	88	Permanent Embed
B-02120-80-4206	Flat-top Steel Bollard - 6", 42", Sched. 80	6" x 42", length 60"	118	Permanent Embed
B-02100-10-4206	Flat-top Steel Bollard - 6", 42", Sched. 10	6" x 42", length 42"	54	Surface
B-02100-40-4206	Flat-top Steel Bollard - 6", 42", Sched. 40	6" x 42", length 42"	88	Surface
B-02100-80-4206	Flat-top Steel Bollard - 6", 42", Sched. 80	6" x 42", length 42"	118	Surface
B-02140-10-4206	Flat-top Steel Bollard - 6", 42", Sched. 10, use 6" Receiver	6" x 42", length 60"	84	Removable
B-02140-40-4206	Flat-top Steel Bollard - 6", 42", Sched. 40, use 6" Receiver	6" x 42", length 60"	118	Removable
B-02140-80-4206	Flat-top Steel Bollard - 6", 42", Sched. 80, use 6" Receiver	6" x 42", length 60"	148	Removable
B-02120-10-4806	Flat-top Steel Bollard - 6", 48", Sched. 10	6" x 48", length 66"	58	Permanent Embed
B-02120-40-4806	Flat-top Steel Bollard - 6", 48", Sched. 40	6" x 48", length 66"	96	Permanent Embed
B-02120-80-4806	Flat-top Steel Bollard - 6", 48", Sched. 80	6" x 48", length 66"	129	Permanent Embed
B-02100-10-4806	Flat-top Steel Bollard - 6", 48", Sched. 10	6" x 48", length 48"	58	Surface
B-02100-40-4806	Flat-top Steel Bollard - 6", 48", Sched. 40	6" x 48", length 48"	96	Surface
B-02100-80-4806	Flat-top Steel Bollard - 6", 48", Sched. 80	6" x 48", length 48"	129	Surface
B-02140-10-4806	Flat-top Steel Bollard - 6", 48", Sched. 10, use 6" Receiver	6" x 48", length 66"	88	Removable
B-02140-40-4806	Flat-top Steel Bollard - 6", 48", Sched. 40, use 6" Receiver	6" x 48", length 66"	126	Removable
B-02140-80-4806	Flat-top Steel Bollard - 6", 48", Sched. 80, use 6" Receiver	6" x 48", length 66"	159	Removable
B-0220-188-3008	Dome-top Steel Bollard - 8", 30", .188 wall	8" x 30", length 48"	86	Permanent Embed
B-0220-40-3008	Dome-top Steel Bollard - 8", 30", Sched. 40	8" x 30", length 48"	129	Permanent Embed
B-0200-188-3008	Dome-top Steel Bollard - 8", 30", .188 wall	8" x 30", length 30"	86	Surface
B-0200-40-3008	Dome-top Steel Bollard - 8", 30", Sched. 40	8" x 30", length 30"	129	Surface
B-0240-188-3008	Dome-top Steel Bollard - 8", 30", .188 wall, use 8" Receiver	8" x 30", length 48"	116	Removable
B-0240-40-3008	Dome-top Steel Bollard - 8", 30", Sched. 40, use 8" Receiver	8" x 30", length 48"	159	Removable
B-0220-188-3608	Dome-top Steel Bollard - 8", 36", .188 wall	8" x 36", length 54"	94	Permanent Embed
B-0220-40-3608	Dome-top Steel Bollard - 8", 36", Sched. 40	8" x 36", length 54"	144	Permanent Embed
B-0200-188-3608	Dome-top Steel Bollard - 8", 36", .188 wall	8" x 36", length 36"	94	Surface
B-0200-40-3608	Dome-top Steel Bollard - 8", 36", Sched. 40	8" x 36", length 36"	144	Surface
B-0240-188-3608	Dome-top Steel Bollard - 8", 36", .188 wall, use 8" Receiver	8" x 36", length 54"	124	Removable
B-0240-40-3608	Dome-top Steel Bollard - 8", 36", Sched. 40, use 8" Receiver	8" x 36", length 54"	174	Removable
B-0220-188-4208	Dome-top Steel Bollard - 8", 42", .188 wall	8" x 42", length 60"	102	Permanent Embed
B-0220-40-4208	Dome-top Steel Bollard - 8", 42", Sched. 40	8" x 42", length 60"	159	Permanent Embed
B-0200-188-4208	Dome-top Steel Bollard - 8", 42", .188 wall	8" x 42", length 42"	102	Surface
B-0200-40-4208	Dome-top Steel Bollard - 8", 42", Sched. 40	8" x 42", length 42"	159	Surface
B-0240-188-4208	Dome-top Steel Bollard - 8", 42", .188 wall, use 8" Receiver	8" x 42", length 60"	132	Removable
B-0240-40-4208	Dome-top Steel Bollard - 8", 42", Sched. 40, use 8" Receiver	8" x 42", length 60"	189	Removable

Note: All heights listed in description are measured above grade. B-2 Bollards are available in 30", 36", 42", and 48" heights, removable bollard receivers are sold separately.



B-2 Bollard Collection

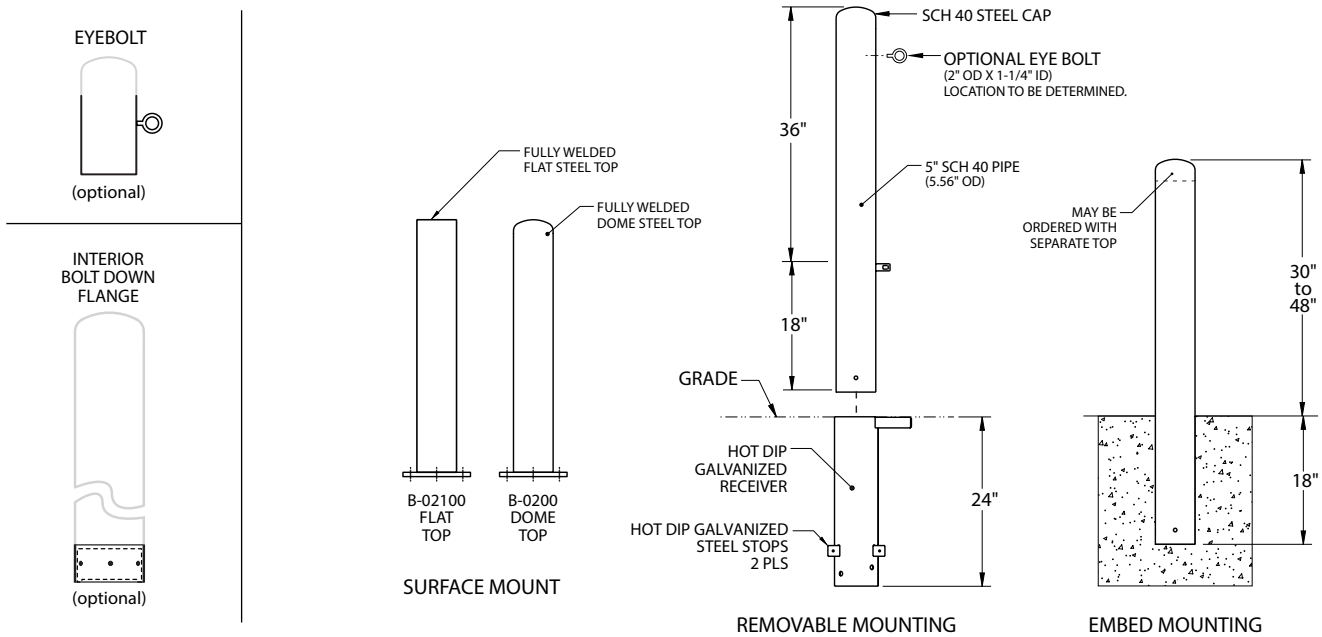
Specifications

Part. No.	Description	Size (W x H)	Weight	Mounting
B-0220-188-4808	Dome-top Steel Bollard - 8", 48", .188 wall	8" x 48", length 66"	110	Permanent Embed
B-0220-40-4808	Dome-top Steel Bollard - 8", 48", Sched. 40	8" x 48", length 66"	174	Permanent Embed
B-0200-188-4808	Dome-top Steel Bollard - 8", 48", .188 wall	8" x 48", length 48"	110	Surface
B-0200-40-4808	Dome-top Steel Bollard - 8", 48", Sched. 40	8" x 48", length 48"	174	Surface
B-0240-188-4808	Dome-top Steel Bollard - 8", 48", .188 wall, use 8" Receiver	8" x 48", length 66"	140	Removable
B-0240-40-4808	Dome-top Steel Bollard - 8", 48", Sched. 40, use 8" Receiver	8" x 48", length 66"	204	Removable
B-02120-188-3008	Flat-top Steel Bollard - 8", 30", .188 wall	8" x 30", length 48"	86	Permanent Embed
B-02120-40-3008	Flat-top Steel Bollard - 8", 30", Sched. 40	8" x 30", length 48"	129	Permanent Embed
B-02100-188-3008	Flat-top Steel Bollard - 8", 30", .188 wall	8" x 30", length 30"	86	Surface
B-02100-40-3008	Flat-top Steel Bollard - 8", 30", Sched. 40	8" x 30", length 30"	129	Surface
B-02140-188-3008	Flat-top Steel Bollard - 8", 30", .188 wall, use 8" Receiver	8" x 30", length 48"	116	Removable
B-02140-40-3008	Flat-top Steel Bollard - 8", 30", Sched. 40, use 8" Receiver	8" x 30", length 48"	159	Removable
B-02120-188-3608	Flat-top Steel Bollard - 8", 36", .188 wall	8" x 36", length 54"	94	Permanent Embed
B-02120-40-3608	Flat-top Steel Bollard - 8", 36", Sched. 40	8" x 36", length 54"	144	Permanent Embed
B-02100-188-3608	Flat-top Steel Bollard - 8", 36", .188 wall	8" x 36", length 36"	94	Surface
B-02100-40-3608	Flat-top Steel Bollard - 8", 36", Sched. 40	8" x 36", length 36"	144	Surface
B-02140-188-3608	Flat-top Steel Bollard - 8", 36", .188 wall, use 8" Receiver	8" x 36", length 54"	124	Removable
B-02140-40-3608	Flat-top Steel Bollard - 8", 36", Sched. 40, use 8" Receiver	8" x 36", length 54"	174	Removable
B-02120-188-4208	Flat-top Steel Bollard - 8", 42", .188 wall	8" x 42", length 60"	102	Permanent Embed
B-02120-40-4208	Flat-top Steel Bollard - 8", 42", Sched. 40	8" x 42", length 60"	159	Permanent Embed
B-02100-188-4208	Flat-top Steel Bollard - 8", 42", .188 wall	8" x 42", length 42"	102	Surface
B-02100-40-4208	Flat-top Steel Bollard - 8", 42", Sched. 40	8" x 42", length 42"	159	Surface
B-02140-188-4208	Flat-top Steel Bollard - 8", 42", .188 wall, use 8" Receiver	8" x 42", length 60"	132	Removable
B-02140-40-4208	Flat-top Steel Bollard - 8", 42", Sched. 40, use 8" Receiver	8" x 42", length 60"	189	Removable
B-02120-188-4808	Flat-top Steel Bollard - 8", 48", .188 wall	8" x 48", length 66"	110	Permanent Embed
B-02120-40-4808	Flat-top Steel Bollard - 8", 48", Sched. 40	8" x 48", length 66"	174	Permanent Embed
B-02100-188-4808	Flat-top Steel Bollard - 8", 48", .188 wall	8" x 48", length 48"	110	Surface
B-02100-40-4808	Flat-top Steel Bollard - 8", 48", Sched. 40	8" x 48", length 48"	174	Surface
B-02140-188-4808	Flat-top Steel Bollard - 8", 48", .188 wall, use 8" Receiver	8" x 48", length 66"	140	Removable
B-02140-40-4808	Flat-top Steel Bollard - 8", 48", Sched. 40, use 8" Receiver	8" x 48", length 66"	204	Removable

Note: All heights listed in description are measured above grade. B-2 Bollards are available in 30", 36", 42", and 48" heights, removable bollard receivers are sold separately.

Bollard Options

Part. No.	Description	Size (W x H)	Weight	Mounting
	Bollard Options			
B-REC4	4" Receiver for removable bollard		22	
B-RCC4	4" Receiver Cover for removable bollard		4	
B-REC6	6" Receiver for removable bollard		27	
B-RCC6	6" Receiver Cover for removable bollard		5	
B-REC8	8" Receiver for removable bollard		30	
B-RCC8	8" Receiver Cover for removable bollard		6	
B-LWC	Lockwell Cover		1	
B-EB	Eyebolt (each)		1	
B-PD	Brass Padlock		1	
B-TOP	Separate Top (for concrete-filled bollard)		0	
B-RLWC	Retrofit Lockwell Cover		1	
B-IF	Interior Flange		0	



B-2 Bollards shown above in 5" pipe, also available in 8" dia. and in 30", 36", 42", and 48" heights, removable bollard receivers sold separately.

Choose from several standard powder coat colors. Bollards will have a zinc rich undercoat applied and a polyester based powder coat on top.

Bollard Options: Schedule 10, 40 or 80 pipe, eyebolts. On removable bollards: Receiver cover, lockwell cover and padlock. Mounting: Surface, removable or embed.

- NOTE:
1. Depth and diameter of installation hole may vary with soil conditions. Consult project engineer for correct dimensions.
 2. REMOVABLE BOLLARDS ONLY: Receiver must be installed in drainage rock. Improper installation will void the warranty.

For more information on our Traffic & Pedestrian Control products, see our website: www.tournesol.com

