

HOOK CONNECTORS

The 4 connector styles shown below make it possible for Crosby to furnish a Golden Gate Hook to fit almost any make or model of hoisting equipment including, American Engineering Lo-Hed, ARO, Coffing, Electro Lift, Ingersoll-Rand, P & H, Robbins and Myers, Shepard Niles, CM, Shaw-Box, Wright, Yale & Towne.

CLOSED SWIVEL BAIL

For use where hoisting line or shackle can be inserted into the bail. Suitable for positioning before lifting. Hook sizes: 1 through 14.



Style C — with self-closing gate.

SHANK-TYPE HOOK

(Standard Length)

For use on existing load blocks, with standard shank length. Hook sizes: 2 through 14.

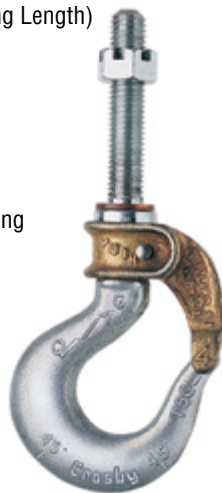


Style D — with self-closing gate.

SHANK-TYPE HOOK

(Long Length)

For use on existing load blocks requiring extra shank length. Hook sizes: 4 through 17.



Style K — with self-closing gate.

LINK CHAIN NEST

With ball-bearing swivel; attaches to chain by an alloy pin. Suitable for frequent rotation under load. Hook sizes: 4, 5, and 7.



Style O — with self-closing gate.

Letter designations shown beneath each illustration above indicate connector style and gate type (e.g. a size 4 hook with a closed swivel bail connector and self-closing gate is 4-C).

GATE TYPES

Brass alloy Golden Gates® are engineered for quality, easy handling and dependability. The heavy duty, corrosion resistant locking mechanism will stay locked until an operator releases it; yet, can easily be shut with one hand. Cost effective, these gates reduce down time, providing the alternative to conventional latches.

LIF-LOK® GATE - SIZE 1



To lock: Close the gate; the built-in spring locks the gate against the hook tip.

To Unlock: Lift the gate upward on the hook shank and swing open.

ROLLOX® GATE - SIZE 5 through 9



To Lock: Close the gate; a stainless steel pin is mounted in a horizontal bore which passes through the gate and engages a notch milled in the hook shank.

To Unlock: Move the lever downward a quarter-turn or until it stops, the gate can now swing open 160 ° (approx.)

PIN-LOK® GATE - SIZE 2 through 4



To Lock: Close the gate; a stainless steel pin is carried in a horizontal bore and engages a milled slot in the hook shank.

To Unlock: Simply depress the stainless steel pin which causes the pin to disengage from the milled slot.

TIP-LOK® GATE - SIZE 10 through 17



To Lock: Press the arm down until the lock trips; two arms of the gate now enclose the tip of the hook.

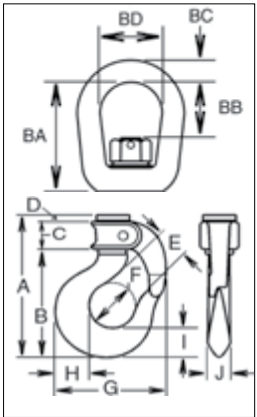
To Unlock: Manually depressing the locking trigger automatically raises the movable arm, allowing the gate to be rotated open.



Closed Swivel Bail



- For use where hoisting line or shackle can be inserted into the bail.
 - BL-C with self-closing gate
- Suitable for positioning before lifting.
- Crosby Bullard® Hooks incorporate QUIC-CHECK® deformation and angle indicators. (For detailed information, see the Crosby Value Added page at the beginning of this section.)



APPLICATION AND WARNING INFORMATION
SECTION 17

Closed Swivel Bail

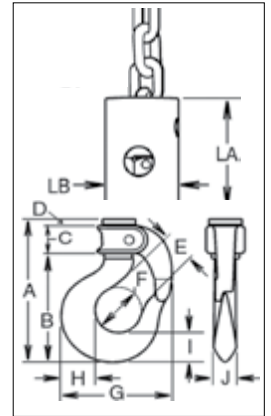
Hook Size	BL-C Stock No.	Gate Type	WLL (short Tons)*	Weight Each (lb)	Dimensions (in)													
					A	B	C	D	E	F	G	H	I	J	BA	BB	BC	BD
1	1050210	LIF-LOK	.45	0.8	3.23	2.31	.63	.26	.69	.88	2.25	.69	.63	.44	1.75	.63	.31	1.00
2	1050221	PIN-LOK	.90	1.3	4.12	3.00	.93	.16	.97	1.25	2.88	.81	.75	.56	1.86	.95	.38	1.25
3	1050232	PIN-LOK	1.3	1.9	4.50	3.31	.94	.22	1.06	1.38	3.19	.94	.84	.63	2.44	1.31	.50	1.50
4	1050243	PIN-LOK	1.5	2.2	4.88	3.63	1.00	.22	1.13	1.50	3.63	1.16	1.00	.75	2.66	1.35	.50	1.50
5	1050254	ROLLOX	2.1	3.8	5.63	4.12	1.23	.25	1.25	1.64	4.09	1.31	1.12	.84	2.91	1.60	.63	1.75
6	1050265	ROLLOX	3.6	4.6	6.23	4.70	1.25	.25	1.39	1.64	4.56	1.57	1.34	.97	3.10	1.41	.63	1.75
7	1050276	ROLLOX	3.8	6.9	6.61	5.21	1.12	.25	1.50	2.00	4.94	1.63	1.44	1.13	3.48	1.67	.75	2.00
8	1050287	ROLLOX	5.0	9.6	7.17	5.80	1.06	.28	1.75	2.25	5.84	2.00	1.65	1.23	4.06	2.00	.88	2.25
9	1050298	ROLLOX	6.5	13.5	7.85	6.45	1.06	.31	1.88	2.50	6.50	2.06	1.81	1.38	4.65	2.21	1.03	2.50
11	1050309	TIP-LOK	8.3	20.5	9.62	8.00	1.25	.31	2.25	3.00	7.56	2.63	2.25	1.62	4.87	2.18	1.13	2.75
12	1050320	TIP-LOK	11.1	27.0	10.53	8.84	1.25	.38	2.50	3.25	8.69	2.94	2.59	1.94	5.13	2.25	1.25	3.13
14	1050342	TIP-LOK	16.7	55.0	12.60	10.75	1.41	.38	3.38	4.25	11.00	3.50	2.97	2.38	8.00	4.25	1.63	4.10

4:1 Design Factor.

Link Chain Nest



- With ball bearing swivel; attaches to chain by an alloy pin.
 - BL-O with self-closing gate
- Suitable for frequent rotation under load.
- Crosby Bullard® Hooks incorporate QUIC-CHECK® deformation and angle indicators. (For detailed information, see the Crosby Value Added page at the beginning of this section.)



APPLICATION AND WARNING INFORMATION
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Link Chain Nest

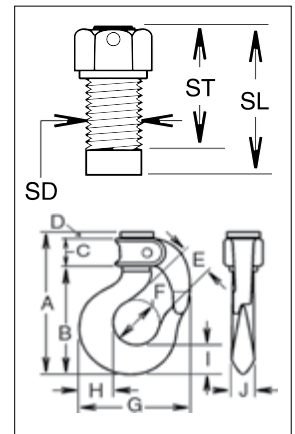
Chain Size	BL-O Stock No.	Gate Type	WLL (short Tons)*	Weight Each (lb)	Dimensions (in)											
					A	B	C	D	E	F	G	H	I	J	LA	LB
4:1/4-9/32	1051409	PIN-LOK	1.5	2.5	4.88	3.63	1.00	.22	1.06	1.50	3.63	1.16	1.00	.75	2.65	1.75
5:5/16-3/8	1051442	ROLLOX	2.1	4.5	5.53	4.12	1.23	.25	1.25	1.64	4.10	1.31	1.12	.84	3.00	2.25
7:3/8-7/16	1051464	ROLLOX	3.8	11.0	6.61	5.21	1.12	.25	1.50	2.00	4.94	1.63	1.44	1.13	4.38	3.00
7:1/2-9/16	1051486	ROLLOX	3.8	11.0	6.61	5.21	1.12	.25	1.50	2.00	4.94	1.63	1.44	1.13	4.38	3.00

4:1 Design Factor.

Standard Length



- For use on existing load blocks, with standard shank length.
 - BL-D with self-closing gate
- Numbers 2 through 12 style hooks are threaded approximately 80% of shank length.
- Crosby Bullard® Hooks incorporate QUIC-CHECK® deformation and angle indicators. (For detailed information, see the Crosby Value Added page at the beginning of this section.)



APPLICATION AND WARNING INFORMATION
SECTION 17

Standard Length Shank Hooks

Hook Size	BL-D Stock No.	Gate Type	WLL (short Tons)*	Weight Each (lb)	Dimensions (in)												
					A	B	C	D	E	F	G	H	I	J	SD	SL	ST
2	1050606	PIN-LOK	.91	1.1	4.12	3.00	.93	.16	.97	1.25	2.88	.81	.75	.56	.50	.91	.59
3	1050617	PIN-LOK	1.3	1.3	4.50	3.31	.94	.22	1.06	1.38	3.19	.94	.84	.63	.56	1.25	.75
4	1050628	PIN-LOK	1.5	1.7	4.88	3.63	1.00	.22	1.13	1.50	3.63	1.16	1.00	.75	.63	1.31	1.19
5	1050639	ROLLOX	2.1	2.5	5.63	4.12	1.23	.25	1.25	1.64	4.09	1.31	1.12	.84	.75	1.31	1.00
6	1050650	ROLLOX	3.6	3.5	6.23	4.70	1.25	.25	1.39	1.64	4.56	1.57	1.34	.97	.88	1.69	1.16
7	1050661	ROLLOX	3.8	5.2	6.61	5.21	1.12	.25	1.50	2.00	4.94	1.63	1.44	1.13	1.00	1.81	1.38
8	1050672	ROLLOX	5.0	7.1	7.17	5.80	1.06	.28	1.75	2.25	5.84	2.00	1.65	1.23	1.13	2.06	1.50
9	1050683	ROLLOX	6.5	9.5	7.85	6.45	1.06	.31	1.88	2.50	6.50	2.06	1.81	1.38	1.25	2.44	1.81
11	1050694	TIP-LOK	8.3	15.6	9.62	8.00	1.25	.31	2.25	3.00	7.56	2.63	2.25	1.62	1.50	2.69	1.88
12	1050705	TIP-LOK	11.2	21.0	10.53	8.84	1.25	.38	2.50	3.25	8.69	2.94	2.59	1.94	1.63	2.88	2.13
13	1050716	TIP-LOK	13.6	30.0	11.23	9.54	1.25	.38	3.00	3.75	9.63	3.28	2.75	1.94	1.75	3.50	2.20
14	1050727	TIP-LOK	16.8	40.0	12.60	10.75	1.41	.38	3.38	4.25	11.00	3.50	2.97	2.38	2.00	3.75	2.38

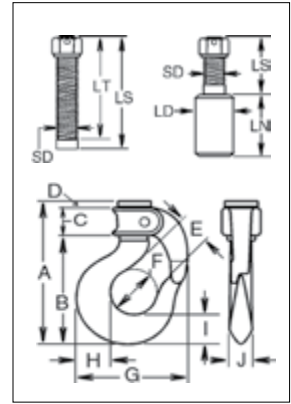
4:1 Design Factor.



Long Length



- For use on existing load blocks requiring extra shank length.
 - BL-K with self-closing gate
- Numbers 4 through 9 style hooks are threaded approximately 80% of shank length.
- Crosby Bullard® Hooks incorporate QUIC-CHECK® deformation and angle indicators.



APPLICATION AND WARNING INFORMATION
SECTION 17

Long Length Shank Hooks

Hook Size	BL-K Stock No.	Gate Type	WLL (short Tons)*	Weight Each (lb)	Dimensions (in)													
					A	B	C	D	E	F	G	H	I	J	SD	LN	LS	LT
4 :1/2	1051002	PIN-LOK	1.45	1.9	4.88	3.63	1.00	.22	1.13	1.50	3.63	1.16	1.00	.75	.50	.44	3.19	3.19
4 :9/16	1051013	PIN-LOK	1.5	1.9	4.88	3.63	1.00	.22	1.13	1.50	3.63	1.16	1.00	.75	.56	.48	3.19	3.19
4 :5/8	1051024	PIN-LOK	1.5	1.9	4.88	3.63	1.00	.22	1.13	1.50	3.63	1.16	1.00	.75	.63	.55	3.31	3.19
5	1051035	ROLLOX	2.1	3.0	5.63	4.12	1.23	.25	1.25	1.64	4.09	1.31	1.12	.84	.75	.63	3.56	3.25
6	1051046	ROLLOX	3.6	3.8	6.23	4.70	1.25	.25	1.39	1.64	4.56	1.57	1.34	.97	.88	.75	4.06	3.54
7	1051057	ROLLOX	3.8	5.9	6.61	5.21	1.12	.25	1.50	2.00	4.94	1.63	1.44	1.13	1.00	.88	4.56	4.12
8	1051068	ROLLOX	5.0	7.8	7.17	5.80	1.06	.28	1.75	2.25	5.84	2.00	1.65	1.23	1.12	.94	5.06	4.50
9	1051079	ROLLOX	6.5	10.8	7.85	6.45	1.06	.31	1.88	2.50	6.50	2.06	1.81	1.38	1.25	1.06	5.56	4.94
12 ‡	1051101	TIP-LOK	11.2	28.0	10.53	8.84	1.25	.38	2.50	3.25	8.69	2.94	2.59	1.94	1.63	1.56	5.38	4.63
13 ‡	1051112	TIP-LOK	13.6	35.0	11.23	9.54	1.25	.38	3.00	3.75	9.63	3.28	2.75	1.94	1.75	1.50	7.37	5.75
14 ‡	1051123	TIP-LOK	16.8	45.0	12.60	10.75	1.41	.38	3.38	4.25	11.00	3.50	2.97	2.38	2.00	2.00	5.38	4.00
16	1051134	TIP-LOK	30.0	103.0	15.29	13.10	1.50	.63	4.00	5.00	13.62	4.63	3.63	3.00	2.75	2.75	16.00	7.00
17	1051156	TIP-LOK	60.0	370.0	24.20	20.57	2.63	.94	5.75	7.00	18.50	6.50	6.00	4.44	4.00	3.94	22.75	14.00

4:1 Design Factor. ‡Hook will have the shank extended by use of a Coupling Nut. Customer is required to complete and approve side 2 of a Crosby Bullard® hook data form.

Crosby® / Bullard Golden Gate Hooks Service Parts

Hook Size	Gate Type	BL-GA Gate Assemblies	BL-RK Gate Repair Kit
		Self Close Stock No.	Kit Stock No.
2	PIN-LOK	1100309	1100101
3	PIN-LOK	1100331	1100102
4	PIN-LOK	1100353	1100103
5	ROLLOX	1100375	1100112
6	ROLLOX	1100397	1100113
7	ROLLOX	1100419	1100123
8	ROLLOX	1100441	1100124
9	ROLLOX	1100463	1100125
10	TIP-LOK	1100485	1100133
11	TIP-LOK	1100507	1100144
12	TIP-LOK	1100529	1100155
13	TIP-LOK	1100551	1100166
14	TIP-LOK	1100573	1100177
15	TIP-LOK	1100595	1100188
16	TIP-LOK	1100617	1100199
17	TIP-LOK	1100628	1100210

Bullard® QUIC-CHECK® Deformation Indicator Table

Hook Size	Hook ID Code	AA (in)
1	1	1.50
2	D	1.50
3	F	1.50
4	G	2.00
5	H	2.00
6	6	2.50
7	I	2.50
8	8	3.00
9	J	4.00
11	K	4.00
12	L	4.50
13	13	5.00
14	N	5.00
16	O	6.50
17	T	10.00