

LATCHLOK® HOOK USE

Working load limits are based on chain size. Hooks are embossed with the chain size they attach to and are not embossed with the working load limit (WLL).

Example: A 9/32" hook embossed (HA1000 9/32") means it's a Grade 100 hook for 9/32" Grade 100 chain with a working load limit of 4,300 lbs. If you are putting it on Grade 80 chain you de-rate the assembly to the 9/32" Grade 80 rating of 3,500 lbs.

The chart below shows the working load limit of Latchlok® hooks when used with Grade 100 and Grade 80 chain slings. It also provides working load limit information for these hooks when used with synthetic web, round or wire rope slings. CM Webloks can be used to avoid bunching when attaching synthetic slings to eye hooks.

Attachment Type	Hook Size: 9/32" Maximum WLL: 4,300 lbs.		Hook Size: 3/8" Maximum WLL: 9,800 lbs.		Hook Size: 1/2" Maximum WLL: 15,000 lbs.		Hook Size: 5/8" Maximum WLL: 22,600 lbs.	
	Size (in.)	WLL 4:1 (lbs.)	Size (in.)	WLL 4:1 (lbs.)	Size (in.)	WLL 4:1 (lbs.)	Size (in.)	WLL 4:1 (lbs.)
When used with Herc-Alloy® chain use the working load limits stated below. Chain WLL are based on 4:1 design.								
Herc-Alloy® 800 Chain	9/32	3,500	3/8	7,100	1/2	12,000	5/8	18,000
Herc-Alloy® 1000 Chain	9/32	4,300	3/8	8,800	1/2	15,000	5/8	22,600
Synthetic web, round and wire rope slings have a 5:1 design factor. If you wish to use these hooks with these slings and maintain the 5:1 sling design factor, use the WLL below.								
Synthetic Web, Round and Wire Rope Slings	9/32	3,500	3/8	7,100	1/2	12,000	5/8	18,000

Always use proper connecting hardware with web, round and wire rope slings. Never choke slings in the eye of the hook.

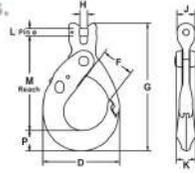
CLEVLOK® STYLE LATCHLOK® HOOK

HERC-ALLOY® 1000

WORKING LOAD LIMIT: 4,300 TO 22,600 LBS.

BENEFITS & FEATURES

- High-cycling, long-life spring
- 100% proof tested
- Meets ASTM A952 standards
- Durable orange powder coated finish
- Positive locking hook
- 4:1 design factor
- Meets ASME B30.10



Size (in.)	Working Load Limit (lbs.)	Product Code	Replace Latch Kit Part #	Dimensions (in.)										Weight (lbs.)
				H	M	P	D	F	J	K	G	L		
9/32	4,300	M616005	656005	0.35	5.05	0.88	3.77	1.64	1.00	0.91	6.61	0.36	2.40	
3/8	8,800	M616010	656010	0.45	6.08	1.07	4.76	2.26	1.17	1.15	7.98	0.51	4.20	
1/2	15,000	M616015	656015	0.59	7.88	1.58	6.26	2.91	1.50	1.47	10.54	0.63	9.00	
5/8	22,600	M616020	656020	0.71	8.96	1.97	7.37	3.22	1.74	1.85	12.19	0.75	14.00	

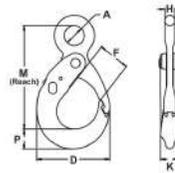
EYE STYLE LATCHLOK® HOOK

HERC-ALLOY® 1000

WORKING LOAD LIMIT: 4,300 TO 22,600 LBS.

BENEFITS & FEATURES

- Large eye design for use with chain, wire rope and synthetic material
- 100% proof tested
- Meets ASTM A952 standards
- Durable orange powder coated finish
- For welded 7/32" chain sling use 9/32" eye Lodelok hook
- Positive locking hook
- 4:1 design factor
- Meets ASME B30.10



Size (in.)	Working Load Limit (lbs.)	Product Code	Replace Latch Kit Part #	Dimensions (in.)							Weight (lbs.)
				A	M	P	D	F	H	K	
9/32	4,300	M626005	656005	1.09	5.37	0.88	3.77	1.64	0.47	0.91	2.50
3/8	8,800	M626010	656010	1.36	6.65	1.07	4.74	2.27	0.59	1.15	4.74
1/2	15,000	M626015	656015	1.57	8.79	1.58	6.26	2.91	0.80	1.47	10.00
5/8	22,600	M626020	656020	2.00	10.37	1.97	7.37	3.22	1.03	1.85	16.00

SWIVEL STYLE LATCHLOK® HOOKS

HERC-ALLOY® 1000



WORKING LOAD LIMIT: 4,300 TO 22,600 LBS.

BENEFITS & FEATURES OF BOTH STYLES

- The eye easily positions to attach to the load
- 100% proof tested
- Meets ASTM A952 standards
- Certification of test available
- Durable orange powder coated finish
- For welded 7/32" chain sling use 9/32" swivel Lodelok hook
- Positive locking hook
- 4:1 design factor



BEARING STYLE SWIVEL HOOK

BUSHING STYLE SWIVEL HOOK

▶ DID YOU KNOW?

BEARING VS. BUSHING STYLE SWIVEL HOOKS

BEARING SWIVEL HOOKS

The load may be swiveled and turned into position WITH or WITHOUT the load attached.

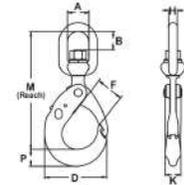
BUSHING SWIVEL HOOKS

The load must be swiveled and turned into position BEFORE attaching, lifting or moving a load.

For more information, visit us at www.cmworks.com

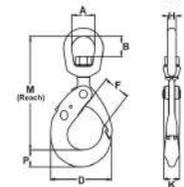
BEARING SWIVEL STYLE

Size (in.)	Working Load Limit (lbs.)	Product Code	Replace Latch Kit Part #	Dimensions (in.)										Weight (lbs.)
				H	M	P	D	F	A	B	K			
9/32	4,300	M696005	656005	0.62	7.43	0.88	3.77	1.64	1.50	1.31	0.91	3.5		
3/8	8,800	M696010	656010	0.77	9.11	1.07	4.76	2.26	1.75	1.62	1.15	4.8		
1/2	15,000	M696015	656015	0.93	11.49	1.58	6.26	2.91	2.25	1.82	1.47	10.7		
5/8	22,600	M696020	656020	1.00	13.73	1.97	7.37	3.22	2.50	2.16	1.85	17.4		



BUSHING SWIVEL STYLE

Size (in.)	Working Load Limit (lbs.)	Product Code	Replace Latch Kit Part #	Dimensions (in.)										Weight (lbs.)
				H	M	P	D	F	A	B	K			
9/32	4,300	M676005	656005	0.62	7.17	0.88	3.77	1.64	1.50	1.33	0.91	3.5		
3/8	8,800	M676010	656010	0.77	8.73	1.07	4.76	2.26	1.75	1.63	1.15	4.8		
1/2	15,000	M676015	656015	0.93	11.18	1.58	6.26	2.91	2.00	1.76	1.47	10.6		
5/8	22,600	M676020	656020	1.00	13.35	1.97	7.37	3.22	2.75	2.38	1.85	17.0		



▶ INSPECTION, CARE & USE

USING LATCHLOK® HOOKS SAFELY

- ▶ Do not apply load unless latch and hook are completely closed and locked
- ▶ Make certain that the latch does not support any part of the load
- ▶ When lifting, make certain that the load is firmly seated in the base (bowl) of the hook
- ▶ Inspect hook and latch periodically. If the hook or latch is damaged or if the latch fails to interlock with the tip, the hook should be removed from service
- ▶ Do not exceed the working load limit
- ▶ Do not use if the hook is visibly distorted, damaged or worn
- ▶ Keep body and other objects clear of the latch when closing to avoid the pinch point
- ▶ Do not side load or tip load hook
- ▶ User should be properly trained and understand safe rigging practices

For more information, visit us at www.cmworks.com

HERC-ALLOY® 1000
 CHAIN SLING COMPONENTS