

# HA1000 HERC-ALLOY® 1000

Columbus McKinnon has a long history of developing innovative products that have changed the material handling industry – including the development of the first alloy chain in 1933. This alloy chain eventually replaced the industry-standard wrought iron chain used for overhead lifting and is the predecessor to today’s Herc-Alloy® 1000 chain, hooks and overhead lifting attachments. Made in America, CM Herc-Alloy® products are made of superior triple alloy steel that provides the best strength-to-weight performance in the industry. Herc-Alloy® 1000 chain meets ASTM A973 standards while components, such as hooks and Hammerloks®, meet ASTM A952 standards.

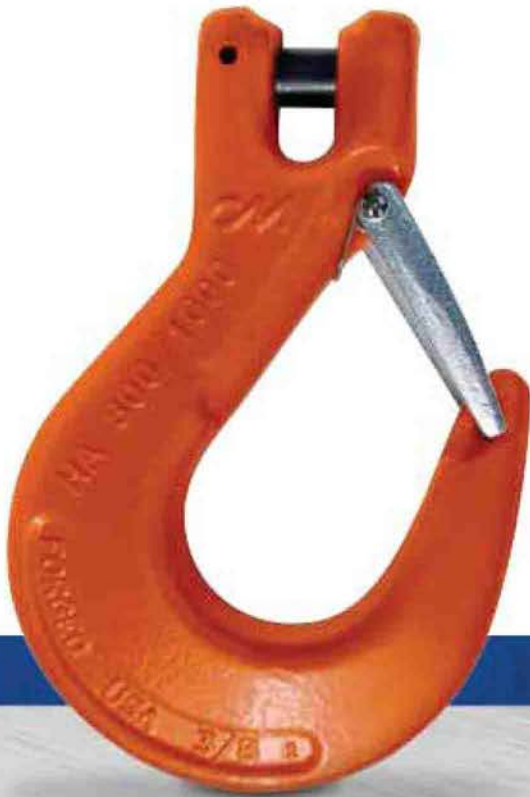
Herc-Alloy® is now one of the most recognized and trusted brands in the rigging industry and is only offered by Columbus McKinnon.

## HA1000 產品概述

### HERC-ALLOY® 1000 PRODUCT OVERVIEW

The chart below is an overview of our most popular Herc-Alloy® 1000 products. Our full product offering, including detailed specifications and available sizes, can be found on the product pages within this section.

	Chain Size		Working Load Limit (ton)	COMPONENTS									
				Chain (Per Ft.)	Chain (Drum)	Master Link	Sub-Assembly	Pear Shaped Master Link	Hammerlok®	Chain Shortener	Rigging Hook	Clevlok® Sling Hook w/Latch	Clevlok® Sling Hook w/o Latch
	(in.)	(mm.)		Page 62	Page 62	Page 64	Page 64	Page 65	Page 65	Page 66	Page 66	Page 67	Page 67
													
Double at 90°	7/32	5.5	2,700	607321	677310	555231	–	554702	667021-2	–	M7502A	657716	557716
	9/32	7	4,300	607328	677311	555232	–	554702	667028-2	M71805A-2	M7503A	657718	557718
	3/8	10	8,800	607339	677313	555235	–	554702	667038-2	M71806A-2	M7504A	657719	557719
	1/2	13	15,000	607351	677315	555238	–	554706	667050-2	M71808A-2	M7505A	657720	557720
	5/8	16	22,600	607363	677316	555238	–	554710	667062-2	M71810A-2	M7507A	657721	557721
Double at 60°	3/4	20	35,300	607378	677317	555240	–	554714	667075-2	–	M7509A	657722	557722
	7/32	5.5	4,700	607321	677310	555231	–	554702	667021-1	–	M7502A	657726	557716
	9/32	7	7,400	607328	677311	555232	–	554702	667028-2	M71805A-2	M7503A	657718	557718
	3/8	10	15,200	607339	677313	555235	–	554706	667038-2	M71806A-2	M7504A	657719	557719
	1/2	13	26,000	607351	677315	555238	–	554710	667050-2	M71808A-2	M7505A	657720	557720
Triple & Quad at 60°	5/8	16	39,100	607363	677316	555240	–	554714	667062-2	M71810A-2	M7507A	657721	557721
	3/4	20	61,100	607378	677317	555243	–	554719	667075-2	–	M7509A	657722	557722
	7/32	5.5	7,000	607321	677310	–	555274	554702	–	–	M7502A	–	–
	9/32	7	11,200	607328	677311	–	555275	554706	667028-2	M71805A-2	M7503A	657718	557718
	3/8	10	22,900	607339	677313	–	555276	554710	667029-2	M71806A-2	M7504A	657719	557719
Triple & Quad at 60°	1/2	13	39,000	607351	677315	–	555277	554714	667030-2	M71808A-2	M7505A	657720	557720
	5/8	16	58,700	607363	677316	–	555278	554719	667031-2	M71810A-2	M7507A	657721	557721
	3/4	20	91,700	607378	677317	–	555279	554726	667032-2	–	M7509A	657722	557722



To help customers reduce and better manage their rigging inventory, Columbus McKinnon has developed several **DUAL-RATED RIGGING ATTACHMENTS** that can be used for both Grade 80 and 100 applications.



	Chain Size		Working Load Limit (ton)	COMPONENTS									
				Eye Sling Hook w/Latch	Eye Sling Hook w/o Latch	Clevlok® Cradle Grab Hook	Eye Cradle Grab Hook	Clevlok® Foundry Hook	Eye Foundry Hook	Clevlok® Style Latchlok® Hook	Eye Style Latchlok® Hook	Bearing Swivel Style Latchlok® Hook	Bushing Swivel Style Latchlok® Hook
	(in.)	(mm.)	Page 67	Page 67	Page 68	Page 68	Page 69	Page 69	Page 70	Page 70	Page 71	Page 71	
Double at 90°	7/32	5.5	2,700	558618	458618	659718	559724	-	-	-	-	-	-
	9/32	7	4,300	558622	458622	659722	559725	475798	474798	M616005	M626005	M696005	M676005
	3/8	10	8,800	558625	458625	659725	559737	475799	474799	M616010	M626010	M696010	M676010
	1/2	13	15,000	558628	458628	659728	559750	475800	474800	M616015	M626015	M696015	M676015
	5/8	16	22,600	558629	458629	659729	559762	475801	474801	M616020	M626020	M696020	M676020
	3/4	20	35,300	558630	458630	-	559775	-	474802	-	-	-	-
Double at 60°	7/32	5.5	4,700	-	-	-	-	-	-	-	-	-	-
	9/32	7	7,400	558622	458622	659722	559725	475798	474798	M616005	M626005	M696005	M676005
	3/8	10	15,200	558625	458625	659725	559737	475799	474799	M616010	M626010	M696010	M676010
	1/2	13	26,000	558628	458628	659728	559750	475800	474800	M616015	M626015	M696015	M676015
	5/8	16	39,100	558629	458629	659729	559762	475801	474801	M616020	M626020	M696020	M676020
	3/4	20	61,100	558630	458630	-	559775	-	474802	-	-	-	-
Triple & Quad at 60°	7/32	5.5	7,000	-	-	-	-	-	-	-	-	-	-
	9/32	7	11,200	558622	458622	659722	559725	475798	474798	M616005	M626005	M696005	M676005
	3/8	10	22,900	558625	458625	659725	559737	475799	474799	M616010	M626010	M696010	M676010
	1/2	13	39,000	558628	458628	659728	559750	475800	474800	M616015	M626015	M696015	M676015
	5/8	16	58,700	558629	458629	659729	559762	475801	474801	M616020	M626020	M696020	M676020
	3/4	20	91,700	558630	458630	-	559775	-	474802	-	-	-	-

HERC-ALLOY® 1000  
CHAIN SLINGS &  
COMPONENTS





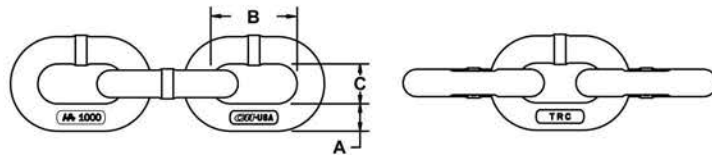
# HERC-ALLOY® 1000 CHAIN HA1000鏈條

WORKING LOAD LIMIT: 2,700 TO 35,300 LBS. 工作荷重限制：2,700至35,300磅

優點及特性

### BENEFITS & FEATURES

- Meets ASTM A973 & NACM standards
- 25% higher working load limit when compared to Grade 80
- Environmentally friendly black coating for distinct appearance and ease of identification
- Certification included with every drum
- 100% proof tested



Chain Size (in.)	Working Load Limit (lbs.)	Nominal Chain Dimensions (in.)			Per Foot			Per Drum		
		Material Diameter A	Inside Length B	Inside Width C	Product Code	Weight (lbs./ft.)	Approximate Number of Links (per ft.)	Product Code	Length (ft.)	Weight (lbs.)
7/32	2,700	0.22	0.68	0.31	607321	0.44	17.8	677310	800	354
9/32	4,300	0.28	0.88	0.40	607328	0.73	13.6	677311	500	365
3/8	8,800	0.39	1.25	0.57	607339	1.44	9.6	677313	500	720
1/2	15,000	0.51	1.56	0.73	607351	2.46	7.7	677315	300	738
5/8	22,600	0.63	1.92	0.86	607363	3.70	6.3	677316	200	740
3/4	35,300	0.79	2.40	1.07	607378	5.77	5.0	677317	100	577

## ▶ INSPECTION, CARE & USE

### 如何選擇和訂購適當吊鍊 HOW TO SELECT AND ORDER THE PROPER CHAIN SLING

1. Determine the weight and configuration of the load(s) to be lifted.
2. Determine the type of chain sling required, according to weight and configuration. (See page 31 for standard sling configurations.)
3. Determine the size of the body chain according to the working load limits. Be sure to take into consideration the effect of the required angle. The working load limit is the maximum load in pounds which should be applied in direct tension to a straight length of chain.  
 Note: Working load limit can be affected by angles of loading, type of hitch used, environmental conditions such as hot and cold temperatures, and D/d ratio.
4. Determine the reach required to give the desired angle. The reach is measured from the upper bearing surface of the master link to the bearing surface of the lower attachment. If chain slings are to be used in pairs and are to be matched for reach, please indicate when ordering.
5. Know share of load on pick points and location of center of gravity.

See pages 26 through 32 for more information, or visit us at [www.cmworks.com](http://www.cmworks.com)





# HERC-ALLOY® 1000 CHAIN SLINGS HA1000吊鍊



單串(垂直)  
SINGLE LEG  
(VERTICAL)



雙串(2串)  
DOUBLE  
(2 LEGS)



三串  
TRIPLE  
(3 LEGS)



四串  
QUADRUPLE  
(4 LEGS)



單無端  
SINGLE  
ENDLESS



雙無端  
DOUBLE  
ENDLESS



調整鍊  
ADJUST-A-LINK



單一籃型  
SINGLE  
BASKET



雙籃型  
DOUBLE  
BASKET

單一調吊鍊  
SINGLE  
ADJUSTABLE

雙調吊鍊  
DOUBLE  
ADJUSTABLE

Adjusters on slings allow for easy and safe take up of chain when applications require shorter leg lengths or when lifting objects of abnormal sizes. There are two styles of adjusters: Style A and Style B. Style A is commonly used for shorter reach slings and consists of a hook attached to the link. Style B has 12" of chain in between link and hook gives you more flexibility on longer slings. Note: Adjusters are also available on single, double, triple and quad slings.

HERC-ALLOY® 1000  
CHAIN SLINGS &  
COMPONENTS

Chain Size (in.)	Working Load Limits for Sling Types Show Above														
	Single (1 leg)	Single Choker	Double (2 legs)			Triple (3 legs)			Quad (4 legs)			Single Basket	Double Basket	Single Endless	Double Endless
	90° (lbs.)	90° (lbs.)	60° (lbs.)	45° (lbs.)	30° (lbs.)	60° (lbs.)	45° (lbs.)	30° (lbs.)	60° (lbs.)	45° (lbs.)	30° (lbs.)	60° (lbs.)	60° (lbs.)	90° (lbs.)	60° (lbs.)
7/32	2,700	2,100	4,700	3,800	2,700	7,000	5,700	4,000	7,000	5,700	4,000	4,700	7,000	2,700	4,700
9/32	4,300	3,500	7,400	6,100	4,300	11,200	9,100	6,400	11,200	9,100	6,400	7,400	11,200	4,300	7,400
3/8	8,800	7,100	15,200	12,400	8,800	22,900	18,700	13,200	22,900	18,700	13,200	15,200	22,900	8,800	15,200
1/2	15,000	12,000	26,000	21,200	15,000	39,000	31,800	22,500	39,000	31,800	22,500	26,000	39,000	15,000	26,000
5/8	22,600	18,100	39,100	32,000	22,600	58,700	47,900	33,900	58,700	47,900	33,900	39,100	58,700	22,600	39,100
3/4	35,300	28,300	61,100	49,900	35,300	91,700	74,900	53,000	91,700	74,900	53,000	61,100	91,700	35,300	61,100

American Society of Mechanical Engineers ASME B30.9, the National Association of Chain Manufacturers (NACM) and the Occupation Safety & Health Administration (OSHA) recommend only the use of alloy steel chain for overhead lifting, i.e. sling chain. Slings may be constructed by the user using Herc-Alloy® chain, Herc-Alloy 1000 or Herc-Alloy 800 chain and attachments.

► For more information on standard sling configurations, see page 31 or visit us online at [www.cmworks.com](http://www.cmworks.com)





主鋼圈雙額定適合HA800及HA1000級



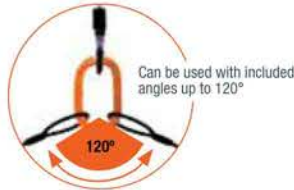
**MASTER LINK** DUAL RATED FOR USE WITH HA800 OR HA1000

WORKING LOAD LIMIT: 5,400 TO 105,900 LBS. 工作荷重限制: 5,400至105,900磅

優點及特性

**BENEFITS & FEATURES**

- Accepts both Herc-Alloy® 1000 & 800 chain and components
- Durable orange powder coated finish
- May be used for mechanical and welded sling assemblies
- 100% proof tested



Trade Size (in.)	Working Load Limit (lbs.)	Catalog Number	Product Code	Nominal Dimensions (in.)			Weight (lbs.)	Type and Size of Chain Sling on Which Used (in.)			
				Material Diameter A	Inside Length B	Inside Width C		Single	Double	Triple	Quad
13/32	5,400	HA40	555231	0.41	3.00	1.50	0.33	7/32	7/32	-	-
1/2	8,600	HA50	555232	0.56	5.00	2.50	1.02	9/32	9/32	7/32	7/32
3/4	17,600	HA75	555235	0.75	5.50	2.75	2.08	3/8	3/8	9/32	9/32
1	30,000	HA100	555238	1.00	7.00	3.50	4.59	1/2 & 5/8	1/2	3/8	3/8
1-1/4	45,200	Ha125	555240	1.25	8.75	4.38	9.31	3/4	5/8	1/2	1/2
1-1/2	70,600	HA150	555243	1.50	10.50	5.25	15.60	-	3/4	5/8	5/8
1-3/4	105,900	HA175	555246	1.75	12.00	6.00	24.40	-	-	3/4	3/4

主環雙額定適用HA800及HA1000級



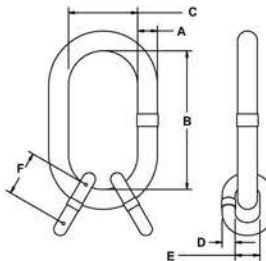
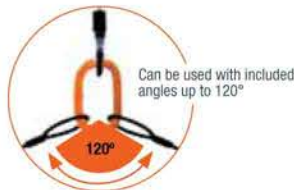
**SUB-ASSEMBLY** DUAL RATED FOR USE WITH HA800 OR HA1000

WORKING LOAD LIMIT: 7,000 TO 91,700 LBS. 工作荷重限制: 7,000至91,700磅

優點及特性

**BENEFITS & FEATURES**

- Designed for triple and quad branch Herc-Alloy® chain slings
- Consists of an oblong master link and two welded master coupling links
- Accepts both Herc-Alloy 1000 & 800 chain and components
- Durable orange powder coated finish
- May be used for mechanical or welded sling assemblies
- 100% proof tested



Trade Size (in.)	Working Load Limit at 60° (lbs.)	Catalog Number	Product Code	Master Link Nominal Dimensions (in.)			Intermediate Link Nominal Dimensions (in.)			Weight (lbs.)	Type and Size of Chain Sling on Which Used (in.)	
				Material Diameter A	Inside Length B	Inside Width C	Material Diameter D	Inside Width E	Inside Length F		Triple	Quad
1/2	7,000	SA050	555274	0.56	5.00	2.50	0.44	1.06	1.75	1.35	7/32	7/32
3/4	11,200	SA075	555275	0.75	5.50	2.75	0.47	0.88	1.56	2.64	9/32	9/32
1	22,900	SA100	555276	1.00	7.00	3.50	0.78	1.50	2.63	7.25	3/8	3/8
1-1/4	39,000	SA125	555277	1.25	8.75	4.38	0.91	1.75	3.13	13.51	1/2	1/2
1-1/2	58,700	SA150	555278	1.50	10.50	5.25	1.13	2.25	4.00	24.28	5/8	5/8
1-3/4	91,700	SA175	555279	1.75	12.00	6.00	1.50	2.75	5.25	44.58	3/4	3/4

HERC-ALLOY® 1000  
CHAIN SLINGS & COMPONENTS



梨型主鋼圈HA1000

**PEAR SHAPED MASTER LINK** HERC-ALLOY® 1000

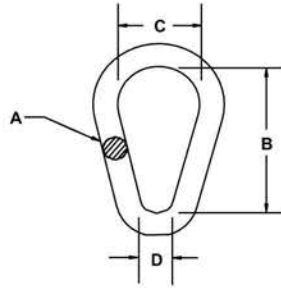


WORKING LOAD LIMIT: 9,000 TO 125,200 LBS. 工作荷重限制：9,000至125,200磅

優點及特性

**BENEFITS & FEATURES**

- Made from alloy material
- Proof tested at two times WLL
- Durable orange powder coated finish
- Custom sizes available upon request



Trade Size (in.)	Working Load Limit (lbs.)	Product Code	Nominal Dimensions (in.)				Weight (lbs.)	Type and Size of Chain Sling		
			Diameter A	Inside Length B	Inside Width C	Inside Width D		Single (in.)	Double (in.)	Triple (in.)
1/2	9,000	554702	0.56	5.31	2.50	1.25	0.81	7/32, 9/32 & 3/8	7/32 & 9/32	7/32
3/4	18,000	554706	0.75	5.63	2.75	2.00	2.08	1/2	3/8	9/32
1	30,300	554710	1.00	7.25	3.50	2.63	4.59	5/8	1/2	3/8
1-1/4	45,500	554714	1.25	8.75	4.63	3.25	9.17	3/4	5/8	1/2
1-1/2	71,200	554719	1.50	10.50	5.25	3.88	15.28	-	3/4	5/8
1-3/4	86,000	554723	1.75	12.00	6.00	4.50	23.93	-	-	-
2	120,000	554726	2.00	14.00	7.00	3.50	35.93	-	-	3/4
2-1/4	125,200	554731	2.25	16.00	8.00	6.00	52.83	-	-	-

鏈接雙額定適用HA800及HA1000級

**HAMMERLOK®** DUAL RATED FOR USE WITH HA800 OR HA1000

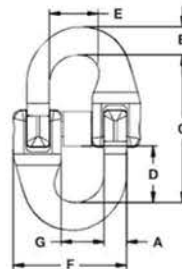


WORKING LOAD LIMIT: 2,700 TO 35,300 LBS. 工作荷重限制：2,700至35,300磅

優點及特性

**BENEFITS & FEATURES**

- Used for overhead lifting slings to connect chain branches to the master link and the hook to attachments.
- Constructed of drop forged alloy steel
- Can be used with Grade 100 and Grade 80 chain
- Must be matched to chain size
- Do not use for chain repair or splicing
- Meets ASTM A952 standards.



Size (in.)	Working Load Limit (lbs.)	Product Code	Load Pin Kit Product Code	Dimensions (in.)							Weight (lbs.)
				A (Max)	B (Max)	C	D	E	F	G	
7/32	2,700	667021-2	R667021-2	0.29	0.28	1.85	0.69	0.61	1.44	0.52	0.27
9/32	4,300	667028-2	R667028-2	0.37	0.44	1.94	0.69	0.68	1.58	0.61	0.28
3/8	8,800	667038-2	R667038-2	0.52	0.50	3.02	1.15	1.05	2.33	0.81	0.84
1/2	15,000	667050-2	R667050-2	0.64	0.68	3.79	1.43	1.29	2.98	1.10	1.87
5/8	22,600	667062-2	R667062-2	0.81	0.91	4.50	1.70	1.54	3.57	1.32	3.13
3/4	35,300	667075-2	R667075-2	0.97	1.07	5.36	2.06	1.78	4.69	1.52	5.75

HERC-ALLOY® 1000  
CHAIN SLINGS & COMPONENTS





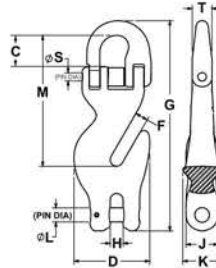
# CHAIN SHORTENER HERC-ALLOY® 1000 鏈條縮短器 HA1000

WORKING LOAD LIMIT: 4,300 TO 22,600 LBS. 工作荷重限制：4,300至22,600磅

優點及特性

### BENEFITS & FEATURES

- Quickly and easily adjust chain length of sling when the load has uneven pick points
- Durable orange powder coated finish
- Marked with both fraction and metric sizes
- Forged alloy steel – quenched & tempered
- Mechanically attaches directly to master ring



Size (in.)	Working Load Limit (lbs.)	Product Code	Standard Package	Dimensions (in.)											Weight (lbs.)
				C	D	G	H	J	K	L	F	M	S	T	
9/32	4,300	M71805A-2	10	0.69	2.16	5.86	0.38	0.80	1.00	0.36	0.38	3.38	0.21	0.54	1.20
3/8	8,800	M71806A-2	10	1.15	2.74	7.61	0.47	1.17	1.41	0.51	0.47	4.74	0.31	0.71	2.50
1/2	15,000	M71808A-2	10	1.43	3.34	9.36	0.65	1.38	2.07	0.63	0.65	5.82	0.41	0.93	4.80
5/8	22,600	M71810A-2	5	1.74	4.19	11.56	0.79	1.53	2.46	0.75	0.79	7.04	0.48	1.06	8.20

Note: If used as a choker, working load limit should be reduced by 20%.

HERC-ALLOY® 1000  
CHAIN SLINGS & COMPONENTS

## 索具吊鉤雙額定適用HA800及HA1000級

# RIGGING HOOK DUAL RATED FOR USE WITH HA800 OR HA1000

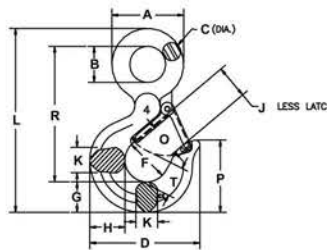


WORKING LOAD LIMIT: 2,700 TO 22,600 LBS. 工作荷重限制：2,700至22,600磅

優點及特性

### BENEFITS & FEATURES

- For use with both Grade 80 & 100 chain
- Large eye to easily accommodate other fittings
- Quench & tempered alloy steel
- Durable orange powder coated finish



Size (in.)	Working Load Limit (lbs.)	Product Code			Standard Package	Dimensions (in.)														Weight (lbs.)
		With Latch	Without Latch	Latch Kit		A	B	C	D	F	G	H	J	K	L	O	P	R	T	
7/32	2,700	M7502A	M7402A	4X1302	10	1.50	0.74	0.38	3.12	1.25	0.87	1.01	0.93	0.63	4.37	0.93	2.13	3.12	0.87	0.66
9/32	4,300	M7503A	M7403A	4X1303	10	1.75	0.86	0.45	3.37	1.38	0.94	1.11	0.97	0.71	5.04	0.97	2.27	3.66	0.97	1.12
5/16	5,700	M7504A	M7404A	4X1304	10	2.13	1.10	0.52	3.79	1.50	1.07	1.23	1.02	0.88	5.65	1.02	2.56	4.08	1.03	1.46
3/8	8,800	M7505A	M7405A	4X1305	10	2.50	1.23	0.64	4.24	1.63	1.26	1.43	1.19	0.94	6.54	1.16	2.85	4.67	1.21	2.42
1/2	15,000	M7507A	M7407A	4X1307	5	3.08	1.55	0.77	5.10	2.00	1.44	1.63	1.50	1.38	7.98	1.41	3.47	5.77	1.47	4.10
5/8	22,600	M7509A	M7409A	4X1309	5	3.88	1.98	0.95	6.24	2.50	1.82	2.01	1.78	1.68	10.07	1.69	4.59	7.31	1.71	8.16



# CLEVLOK® SLING HOOK

卡鍊型吊鉤雙額定適合

DUAL RATED FOR USE WITH HA800 OR HA1000 HA800及HA1000級

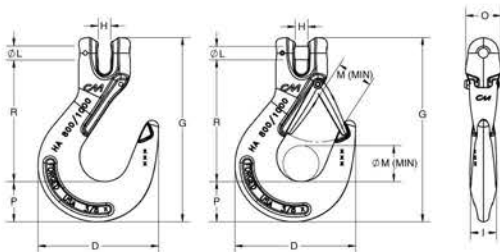


WORKING LOAD LIMIT: 2,700 TO 35,300 LBS. 工作荷重限制：2,700至35,300磅

優點及特性

## BENEFITS & FEATURES

- For use with both Grade 80 & 100 chain
- Fatigue rated to Grade 100 specifications
- 100% proof tested
- Durable orange powder coated finish
- Improved forged latch
- New CE compliant hooks and latches
- Meets EN 1677
- Fraction and metric markings



Size (in.)	Working Load Limit (lbs.)	Standard Package	Product Code					Dimensions (in.)										Weight (lbs.)
			With Latch	Without Latch	Latch Kit	Alloy Load Pin	Retaining Pin	D	G	H	I	L	M	O	P	R		
7/32	2,700	10	657716	557716	4X455321	SP595778	495826	3.05	5.00	0.31	0.66	0.28	0.96	1.13	0.94	3.45	1.10	
9/32	4,300	10	657718	557718	4X455322	595780SP	495825	3.53	5.55	0.38	0.75	0.36	0.83	1.32	1.11	3.75	1.20	
3/8	8,800	10	657719	557719	4X455325	595781	495825	4.54	6.93	0.47	1.00	0.51	1.06	1.34	1.51	4.58	2.21	
1/2	15,000	5	657720	557720	4X455328	595782	495823	5.48	8.28	0.58	1.33	0.63	1.38	1.87	1.55	5.59	4.22	
5/8	22,600	5	657721	557721	4X455329	SP595783P	495849	6.20	9.61	0.71	1.47	0.75	1.69	2.11	1.83	6.44	6.64	
3/4	35,300	Bulk	657722	557722	4X455330	595786	495824	7.63	11.79	0.88	1.88	0.94	2.09	2.55	2.51	7.74	11.22	

# EYE SLING HOOK

眼型吊鉤雙額定適合

DUAL RATED FOR USE WITH HA800 OR HA1000 HA800及HA1000級

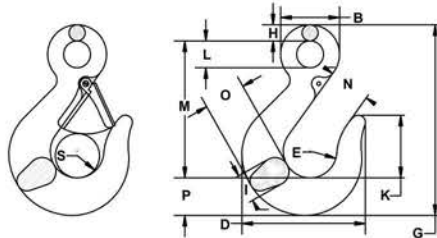


WORKING LOAD LIMIT: 2,700 TO 35,300 LBS. 工作荷重限制：2,700至35,300磅

優點及特性

## BENEFITS & FEATURES

- For use with both Grade 80 & 100 chain
- Fatigue rated to Grade 100 specifications
- Available with or without latch
- Durable orange powder coated finish
- 100% proof tested
- Fraction and metric markings



Size (in.)	Working Load Limit (lbs.)	Product Code			Standard Package	Dimensions (in.)													Weight (lbs.)
		With Latch	Without Latch	Latch Kit		B	D	E	G	H	I	K	L	M	N	O	P	S	
7/32	2,700	558618	458618	4X458321	10	1.50	3.04	1.30	5.06	0.38	0.66	1.47	0.75	3.75	0.97	0.99	0.94	0.99	0.8
9/32	4,300	558622	458622	595523	10	1.65	3.48	1.50	5.25	0.45	0.75	1.75	0.72	3.75	1.19	1.21	1.05	1.10	1.1
3/8	8,800	558625	458625	595525	10	2.06	4.33	1.88	6.66	0.58	0.97	2.19	0.91	4.77	1.44	1.46	1.31	1.29	1.9
1/2	15,000	558628	458628	595528	5	2.63	5.50	2.25	8.16	0.77	1.10	2.56	1.09	5.67	1.78	1.91	1.68	1.63	4.5
5/8	22,600	558629	458629	595529	5	3.06	6.23	2.63	9.63	0.89	1.46	2.62	1.31	6.50	2.03	2.20	2.23	1.69	7.3
3/4	35,300	558630	458630	595530	Bulk	3.50	7.82	3.00	11.38	1.00	1.69	3.47	1.50	7.81	2.50	2.82	2.58	2.31	11.4

HERC-ALLOY® 1000  
CHAIN SLINGS & COMPONENTS





索具及配件

RIGGING & ATTACHMENTS

CHAIN SLINGS & COMPONENTS 吊鏈及零組件  
HERC-ALLOY® 1000 (GRADE 100) HA1000(100級)



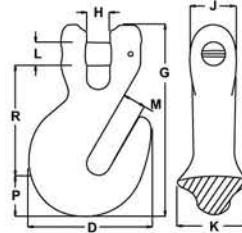
# CLEVLOK® CRADLE GRAB HOOK 卡鍊凸緣抓鉤雙額定適 DUAL RATED FOR USE WITH HA800 OR HA1000 合HA800及HA1000級

WORKING LOAD LIMIT: 2,700 TO 35,300 LBS. 工作荷重限制：2,700至35,300磅

優點及特性

## BENEFITS & FEATURES

- For use with both Grade 80 & 100 chain
- Meets ASTM A952 standards
- 100% proof tested
- Durable orange powder coated finish
- Fraction and metric markings



Size (in.)	Working Load Limit (lbs.)	Product Code	Standard Package Quantity	Dimensions (in.)									Weight (lbs.)
				D	G	H	J	K	L	M	P	R	
7/32	2,700	659718	10	1.62	3.21	0.31	0.75	0.94	0.28	0.31	0.62	1.98	0.50
9/32	4,300	659722	10	2.18	3.39	0.38	0.82	0.97	0.36	0.38	0.82	1.86	0.63
3/8	8,800	659725	10	2.72	4.33	0.47	1.18	1.29	0.51	0.74	1.03	2.47	1.30
1/2	15,000	659728	5	3.65	5.27	0.65	1.39	2.01	0.63	0.60	1.19	3.04	2.10
5/8	22,600	659729	5	4.50	6.54	0.77	1.55	2.42	0.75	0.77	1.41	3.76	4.20
3/4	35,300	659730	Bulk	5.40	8.80	0.88	2.05	2.69	0.88	0.91	1.89	5.30	10.50

Note: If used as a choker, working load limit should be reduced by 20%. Reference CM Rigging Guide for more details.

HERC-ALLOY® 1000  
CHAIN SLINGS & COMPONENTS



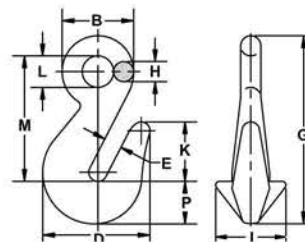
# EYE CRADLE GRAB HOOK 眼型凸緣抓鉤雙額定適 DUAL RATED FOR USE WITH HA800 OR HA1000 合HA800或HA1000級

WORKING LOAD LIMIT: 2,700 TO 35,300 LBS. 工作荷重限制：2,700至35,300磅

優點及特性

## BENEFITS & FEATURES

- For use with both Grade 80 & 100 chain
- Meets ASTM A952 standards
- 100% proof tested
- Durable orange powder coated finish
- Fraction and metric markings



Size (in.)	Working Load Limit (lbs.)	Product Code	Standard Package Quantity	Dimensions (in.)										Weight (lbs.)
				B	D	E	G	H	I	K	L	M	P	
7/32	2,700	559724	10	1.20	1.68	0.31	3.22	0.33	0.92	0.99	0.55	2.20	0.69	0.35
9/32	4,300	559725	10	1.40	1.93	0.37	3.72	0.39	1.07	1.15	0.63	2.58	0.76	0.55
3/8	8,800	559737	10	1.78	2.86	0.47	4.81	0.52	1.38	1.66	0.75	3.27	1.02	1.39
1/2	15,000	559750	5	2.28	3.69	0.59	6.36	0.63	1.81	2.15	1.06	4.23	1.53	3.05
5/8	22,600	559762	5	2.75	4.53	0.75	7.62	0.75	2.13	2.65	1.25	5.06	1.80	4.36
3/4	35,300	559775	Bulk	3.50	5.23	0.91	9.54	1.00	2.88	3.55	1.52	6.70	1.85	9.00

Note: If used as a choker, working load limit should be reduced by 20%.



卡鍊型滑鈎HA1000

**CLEVLOK® FOUNDRY HOOK** HERC-ALLOY® 1000

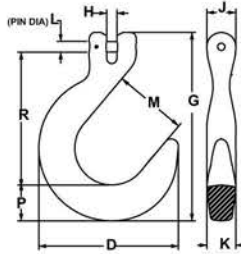


WORKING LOAD LIMIT: 4,300 TO 35,300 LBS. 工作荷重限制：4,300至35,300磅

優點及特性

**BENEFITS & FEATURES**

- Clevlok® head designed for easy assembly
- "I" beam body design increases grip when removing from load
- Quench & tempered alloy steel
- Individually proof tested
- Durable orange powder coated finish



Size (in.)	Working Load Limit (lbs.)	Clevlok Foundry Hook			Alloy Load Pin Product Code	Retaining Pin Product Code	Dimensions (in.)									
		Product Code	Standard Package Quantity	Weight (lbs.)			D	G	H	J	K	L	M	P	R	
9/32	4,300	475798	5	2.43	595780	602326	4.82	6.52	0.35	1.00	1.00	0.36	2.55	1.24	4.59	
3/8	8,800	475799	5	4.14	595781	495821T	5.73	7.87	0.47	1.16	1.27	0.51	3.05	1.43	5.59	
1/2	15,000	475800	5	7.10	SP595782	495823	6.83	9.40	0.59	1.50	1.50	0.63	3.55	1.75	6.58	
5/8	22,600	475801	5	12.03	595785	495823	7.94	10.98	0.70	1.74	1.81	0.75	4.07	2.03	7.69	
3/4	35,300	475802	5	21.00	495784	495824	9.17	13.20	0.88	2.05	2.00	0.91	4.50	2.63	8.87	

**EYE FOUNDRY HOOK**

眼型滑鈎雙額定值

DUAL RATED FOR USE WITH HA800 OR HA1000 HA 800或HA1000

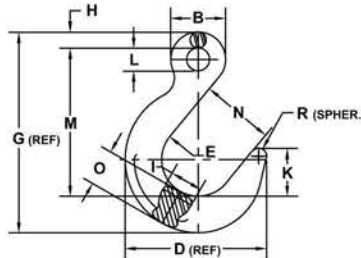


WORKING LOAD LIMIT: 4,300 TO 35,300 LBS. 工作荷重限制：4,300至35,300磅

優點及特性

**BENEFITS & FEATURES**

- For use with both Grade 80 & 100 chain
- Throat opening to 4.5" (114 mm)
- Meets ASTM A952 standards
- Durable orange powder coated finish
- 100% proof tested
- For welded 7/32" chain sling use 9/32" eye foundry hook



Size (in.)	Working Load Limit (lbs.)	Product Code	Standard Package Quantity	Dimensions (in.)												Weight (lbs.)
				B	D	E	G	H	I	K	L	M	N	O	R	
9/32	4,300	474798	5	1.56	4.73	2.50	6.45	0.47	1.00	1.56	0.63	4.75	2.50	1.23	0.25	2.4
3/8	8,800	474799	5	2.00	5.72	3.00	7.88	0.63	1.27	1.88	0.80	5.77	3.00	1.50	0.31	4.5
1/2	15,000	474800	5	2.50	6.74	3.50	9.38	0.75	1.50	2.22	1.00	6.88	3.50	1.75	0.38	7.1
5/8	22,600	474801	5	3.00	7.79	4.00	10.97	0.88	1.81	2.63	1.13	8.06	4.00	2.03	0.44	11.6
3/4	35,300	474802	Bulk	3.50	9.07	4.50	12.81	1.00	2.20	3.00	1.50	9.25	4.50	2.56	0.50	20.0

HERC-ALLOY® 1000  
CHAIN SLINGS & COMPONENTS





## LATCHLOK® HOOK USE 自鎖鉤使用

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 derate 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.

Attachment Type	Hook Size: 9/32" Maximum WLL: 4,300 lbs.		Hook Size: 3/8" Maximum WLL: 8,800 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 卡鍊型自鎖鉤HA1000

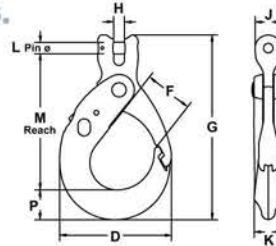


WORKING LOAD LIMIT: 4,300 TO 22,600 LBS.

工作荷重限制：4,300至22,600磅

### BENEFITS & FEATURES 優點及特性

- High-cycling, long-life spring
- 100% proof tested
- Meets ASTM A952 standards
- Durable orange powder coated finish
- Positive locking hook



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 眼型自鎖鉤HA1000

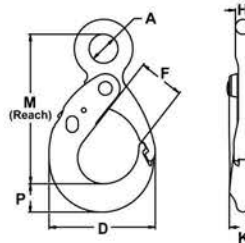


WORKING LOAD LIMIT: 4,300 TO 22,600 LBS.

工作荷重限制：4,300至22,600磅

### BENEFITS & FEATURES 優點及特性

- 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



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

HERC-ALLOY® 1000  
CHAIN SLINGS & COMPONENTS





# SWIVEL STYLE LATCHLOK® HOOKS

HERC-ALLOY® 1000 旋轉自鎖鉤HA1000

WORKING LOAD LIMIT: 4,300 TO 22,600 LBS. 工作荷重限制: 4,300至22,600磅

兩種型式的優點及特性

## 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

### ► DID YOU KNOW?

軸承型對軸套型旋轉鉤

#### BEARING VS. BUSHING STYLE SWIVEL HOOKS

軸承型旋轉鉤

#### BEARING SWIVEL HOOKS

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

軸套型旋轉鉤

#### 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](http://www.cmworks.com)



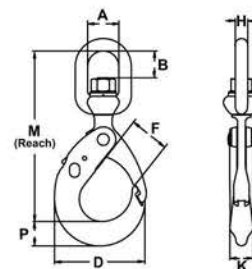
BEARING STYLE SWIVEL HOOK  
軸承型旋轉鉤



BUSHING STYLE SWIVEL HOOK  
軸套型旋轉鉤

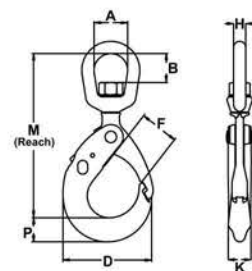
## BEARING SWIVEL STYLE 軸承型旋轉鉤

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 軸套型旋轉鉤

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



HERC-ALLOY® 1000  
CHAIN SLINGS & COMPONENTS

## ► INSPECTION, CARE & USE 檢查, 保養及使用

### USING LATCHLOK® HOOKS SAFELY 使用自鎖鉤安全

- ▲ 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](http://www.cmworks.com)