

CHAIN

General information

Working Load Limit

The “Working Load Limit” is the maximum load in pounds which should ever be applied to chain, when the chain is new or “in as new” condition, and when the load is uniformly applied in direct tension to a straight length of chain.

Proof Test

The “Proof Test” is a term designating the tensile test applied to new chain for the sole purpose of detecting injurious defects in the material or manufacture. It is the load in pounds which the chain has withstood under a test in which the load has been applied in direct tension to a straight length of chain.

Minimum Ultimate Load

The “Minimum Ultimate Load” is the minimum load at which new chain will break when tested by applying direct tension to a straight length of chain at a uniform rate of speed in a testing machine.

Attachments

Any attachments, such as hooks or links, should have a rated “Working Load Limit” at least equal to the chain with which it is used.

Caution

Only Alloy chain, Spectrum 8, should be used for overhead lifting applications.

It must be recognized that certain factors in the usage of chain and attachments can be abusive and lessen the load that the chain or attachments can withstand. Some examples are twisting of the chain, disfigurement, deterioration by straining, usage, weathering and corrosion, rapid application of load or jerking etc...

Chain inspection

INSPECTION AND REMOVAL FROM SERVICE PER ANSI B30.9

FREQUENT INSPECTION

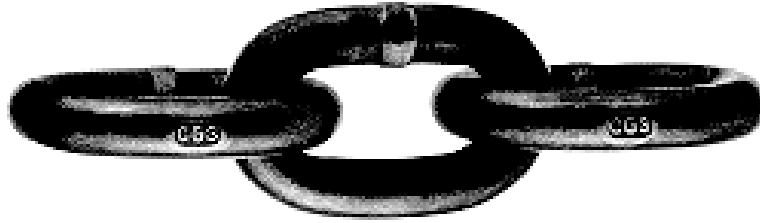
- Normal service - monthly.
 - Severe service - daily to monthly.
- Check chain and attachments for wear, nicks, cracks, breaks, gouges, stretch, bend, weld splatter, discoloration from excessive temperature, and throat opening of hooks.
1. Chain links and attachments should hinge freely to adjacent links.
 2. Latches on hooks, if present, should hinge freely and seat properly without evidence of permanent distortion.

PERIODIC INSPECTION - INSPECTION RECORDS REQUIRED

- Normal service - monthly.
 - Severe service - daily to monthly.
- This inspection shall include everything in a frequent inspection plus each link and end attachment shall be examined individually, taking care to expose inner link surfaces of the chain and chain attachments.
1. Worn link should not exceed values recommended by the manufacturer.
 2. Sharp transverse nicks and gouges should be rounded out by grinding.

CHAIN

Spectrum 3 proof coil chain



- ◆ Carbon steel.
- ◆ Standard container - fiber drum.
- ◆ Finish - self colored and galvanized.
- ◆ Minimum Ultimate Load 4 times Working Load Limit.

| Chain Size (in.) | Working Load Limit* (lbs.) | Feet per Drum | Weight per 100 Feet (lbs.) | Drum Stock No. S.C | Drum Stock No. Galvanized |
|------------------|----------------------------|---------------|----------------------------|--------------------|---------------------------|
| 3/16 | 750 | 800 | 39 | 275151 | 276150 |
| 1/4 | 1300 | 800 | 65 | 275259 | 276258 |
| 5/16 | 1900 | 550 | 100 | 275357 | 276356 |
| 3/8 | 2650 | 400 | 144 | 275455 | 276454 |
| 1/2 | 4500 | 200 | 250 | 275552 | 276551 |
| 5/8 | 6900 | 150 | 421 | 275650 | 276659 |
| 3/4 | 10600 | 100 | 649 | 275758 | 276757 |

* Proof loaded at 2 times Working Load Limit.

PROOF COIL CHAIN - SPECTRUM 3 - 100 pound pail



| Chain Size (in.) | Weight Pail (lbs.) | Feet per Pail | Stock No. S.C | Stock No. Galvanized |
|------------------|--------------------|---------------|---------------|----------------------|
| 3/16 | 98 | 250 | 275115 | 276114 |
| 1/4 | 92 | 141 | 275213 | 276212 |
| 5/16 | 91 | 92 | 275311 | 276310 |
| 3/8 | 91 | 63 | 275419 | 276418 |

Spectrum 3 Proof Coil Chain is not recommended for overhead lifting. For these applications, Spectrum 8 Alloy should be used.

CHAIN

Spectrum 4 high test chain



- ◆ Carbon steel.
- ◆ Standard container - fiber drum.
- ◆ Finish - self colored.
- ◆ Minimum Ultimate Load 3 times Working Load Limit.

| Chain Size (in.) | Working Load Limit* (lbs) | Feet per drum | Weight per 100 feet (lbs.) | Drum Stock No. S.C | Stock No. |
|---------------------|---------------------------------|---------------------|----------------------------------|--------------------------|-----------|
| 1/4 | 2600 | 800 | 70 | 272788 | 272895 |
| 5/16 | 3900 | 550 | 106 | 272797 | 272902 |
| 3/8 | 5400 | 400 | 154 | 272804 | 272911 |
| 7/16 | 7200 | 300 | 209 | 272813 | 272920 |
| 1/2 | 9200 | 200 | 267 | 272822 | 272639 |
| 5/8 | 11500 | 150 | 402 | 272831 | 272948 |
| 3/4 | 1362.00 | 1000 | 567 | 27284 | 272957 |

*Proof loaded at 2 times Working Load Limit.

HIGH TEST CHAIN - SPECTRUM 4 - 100 pound pail



| Chain Size (in.) | Weight Pail (lbs.) | Feet per Pail | Stock No. S.C |
|---------------------|-----------------------|---------------|------------------|
| 1/4 | 93 | 134 | 273000 |
| 5/16 | 95 | 90 | 273019 |
| 3/8 | 98 | 64 | 273028 |

Spectrum 4 High Test Chain is not recommended for overhead lifting.
For these applications, Spectrum 8 Alloy chain should be used.

CHAIN

Spectrum 7 high tensile transport chain



- ◆ High tensile carbon steel
- ◆ Standard container - fiber drum.
- ◆ Minimum Ultimate Load 4 times Working Load Limit.
- ◆ Finish - self colored.

| Chain Size (in.) | Working Load Limit* (lbs.) | Feet per Drum | Weight per 100 Feet (lbs.) | Drum Stock No. S.C | Drum Stock No. Galvanized |
|------------------|----------------------------|---------------|----------------------------|--------------------|---------------------------|
| 1/4 | 3150 | 800 | 81 | 273153 | 273260 |
| 5/16 | 4700 | 550 | 98 | 273162 | 273279 |
| 3/8 | 6600 | 400 | 141 | 273171 | 273288 |
| 7/16 | 8750 | 300 | 216 | 273180 | 273297 |
| 1/2 | 11300 | 200 | 246 | 273199 | 273304 |

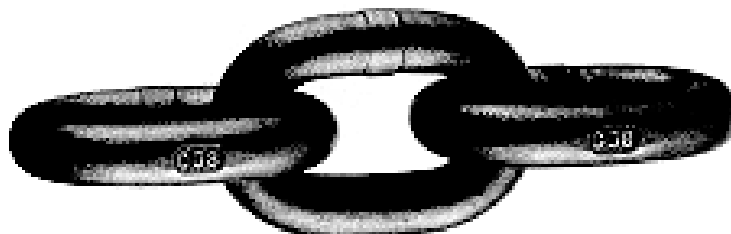
* Proof loaded at 2 times Working Load Limit.

HIGH TENSILE TRANSPORT CHAIN - SPECTRUM 7 - 100 pound pail



| Chain Size (in.) | Weight Pail (lbs.) | Feet per Pail | Stock No. Self Colored |
|------------------|--------------------|---------------|------------------------|
| 1/4 | 109 | 134 | 273377 |
| 5/16 | 88 | 90 | 273386 |
| 3/8 | 98 | 64 | 273395 |

Spectrum 7 High Tensile Transport chain is not recommended for overhead lifting. For these applications, Spectrum 8 Alloy should be used.

CHAIN**Spectrum 8 alloy chain****Spectrum 8 chain recommended for overhead lifting applications**

- ◆ Alloy steel
- ◆ Heat treated
- ◆ Finish - self colored

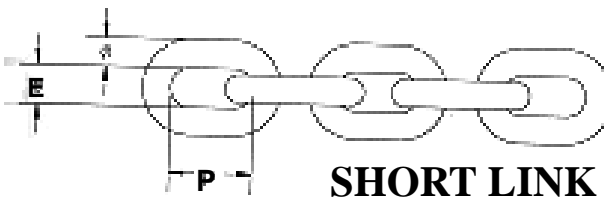
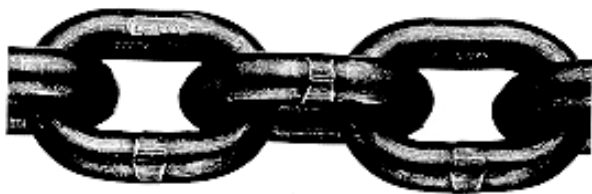
| Chain size (in.) | Working Load Limit* (lbs.) | Feet per Drum | Weight per 100 feet (lbs.) | Drum Stock No. Self colored |
|---------------------|----------------------------------|---------------------|----------------------------------|-----------------------------------|
| 9/32 (1/4) | 3500 | 500 | 72 | 273527 |
| 5/16 | 4500 | 500 | 114 | 273536 |
| 3/8 | 7100 | 500 | 148 | 272545 |
| 1/2 | 12000 | 300 | 243 | 273554 |
| 5/8 | 18100 | 200 | 351 | 273563 |
| 3/4 | 28300 | 100 | 584 | 273572 |
| 7/8 | 34200 | 100 | 705 | 273581 |

* Proof loaded at 2 1/2 times Working Load Limit. Minimum ultimate load 4 times Working Load Limit.

CHAIN

Fishing chains

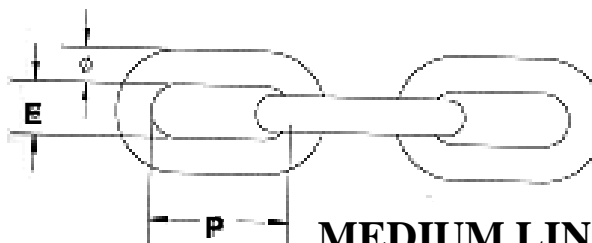
| Chain Size (mm) | Stock No. | Working Load Limit (tons) | Weight per M (kg) | Dimensions (mm) | |
|--------------------|-----------|------------------------------|----------------------|-----------------|-------|
| | | | | p | e |
| 6 | 1230915 | 1.12 | .80 | 18 | 8.50 |
| 7 | 1230985 | 1.50 | 1.10 | 21 | 10.50 |
| 8 | 1231055 | 2.00 | 1.40 | 24 | 12.00 |
| 10 | 1231095 | 3.20 | 2.20 | 30 | 15.00 |
| 13 | 1231265 | 5.4 | 3.70 | 39 | 20.00 |
| 16 | 1231405 | 8.0 | 5.60 | 48 | 24.00 |



SHORT LINK

Proof loaded is 4 times WLL

| Chain Size (mm) | Stock No. | Working Load Limit (tons) | Weight per M (kg) | Dimensions (mm) | |
|--------------------|-----------|------------------------------|----------------------|-----------------|-------|
| | | | | p | e |
| 10 | 1243165 | 3.20 | 1.98 | 40 | 15 |
| 13 | 1243235 | 5.4 | 3.35 | 52 | 19.50 |
| 16 | 1243305 | 8.0 | 5.06 | 64 | 24 |



MEDIUM LINK

Proof loaded is 4 times WLL

| Chain Size (mm) | Stock No. | Working Load Limit (tons) | Weight per M (kg) | Dimensions (mm) | |
|--------------------|-----------|------------------------------|----------------------|-----------------|----|
| | | | | p | e |
| 6 | 1243515 | 1.12 | .9 | 42 | 12 |
| 9 | 1243585 | 2.5 | 1.4 | 53 | 15 |
| 11 | 1243655 | 3.75 | 2.1 | 64 | 18 |
| 13 | 1243725 | 5.4 | 2.9 | 80 | 22 |



LONG LINK

Proof loaded is 4 times WLL

LOAD BINDERS

Load binders

WARNING !!!

Failure to use this load binder properly may result in serious injury or even death to you or others.

Do not operate load binder while standing on the load.

Move handle with caution. It may whip - Keep body clear.

Keep yourself out of the path of the moving handle.

You must be familiar with state and federal regulations regarding size and number of chain systems required for securing loads on trucks.

Always consider the safety of nearby workers as well as yourself when using load binder.

While under tension, load binder must not bear against an object, as this will cause side load.

Instructions - lever type load binders :

- Hook load binder to chain so you can operate it while standing on the ground. Position load so its handle can be pulled downward to tighten chain. Be aware of ice, snow, rain, oil, etc. that can affect your footing. Make certain your footing is secure.
- We specifically recommend against the use of a handle extender (cheater pipe). If a sufficient leverage cannot be obtained using the lever type load binder by itself, a ratchet type binder should be used.
- If the above recommendation is disregarded and a cheater pipe is used, it must closely fit the handle and must slide down the handle until the handle projections are contacted. The pipe should be secured to the handle, for example, by a pin so that the pipe cannot fly off the handle if you lose control and let go. The increased leverage, by using a cheater pipe, can cause deformation and failure of the chain and load binder.
- During and after tightening chain, check load binder handle position. Be sure it is in the locked position and that its bottom side touches the chain link.
- Chain tension may decrease due to load shifting during transport. To be sure the load binder remains in proper position : secure handle to chain by wrapping the loose end of chain around the handle and the tight chain, or tie handle to chain with soft wire.
- When releasing load binder, remember there is a great deal of energy in the stretched chain. This will cause the load binder handle to move very quickly with great force when it is unlatched. Move handle with caution. It may whip - Keep body clear.
- Never use a cheater pipe or handle extender to release handle. Use a steel bar and pry under the handle and stay out of the path of handle as it moves upward.
- If you release the handle by hand, use an open hand under the handle and push upward. Do not close your hand around the handle. Always keep yourself out of the path of the moving handle.

Instructions - ratchet load binders

- Position ratchet binder so it can be operated from the ground.
- Make sure your footing is secure.

Maintenance of all load binders

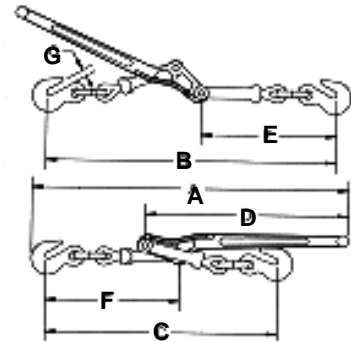
- Routinely check load binders for wear, bending, cracks, nicks, or gouges. If bending or cracks are present - do not use load binder.
- Routinely lubricate pivot and swivel points of lever Binders, and pawl part and screw threads of ratchet binders to extend product life and reduce friction wear.

LOAD BINDERS

Standard lever type load binder



L-150



- ◆ Forged steel - quenched and tempered.
- ◆ Binder toggles away from the load.
- ◆ Extra heavy construction at leverage point to prevent spreading. Heel of binder toggles away from load, permitting easy release.
- ◆ Ball and socket swivel joints at hook assemblies permit a straight line pull.
- ◆ Meets or exceeds CVSA Cargo Securement Guidelines, August 1993.

| Model | Stock No. | Min-Max Chain Size (in.) | Working Load Limit (lbs.) | Proof Load (lbs.) | Minimum Ultimate Strength (lbs.) | Weight Each (lbs.) | Handle Length (in.) | Take Up (in.) | Dimensions (in.) | | | | | | |
|-------|-----------|-----------------------------|------------------------------|----------------------|-------------------------------------|-----------------------|------------------------|------------------|---------------------|-------|-------|-------|-------|-------|-----|
| | | | | | | | | | A | B | C | D | E | F | G |
| 7-1 | 1048128 | 5/16 - 3/8 | 5400 | 10800 | 19000 | 6.70 | 16.00 | 4.50 | 24.13 | 22.13 | 17.88 | 16.00 | 10.38 | 10.38 | .50 |
| A-1 | 1048146 | 3/8 - 1/2 | 9200 | 18400 | 33000 | 11.50 | 18.50 | 4.50 | 27.81 | 25.75 | 21.25 | 18.69 | 12.00 | 12.00 | .63 |
| C-1 | 1048164 | 1/2 - 5/8 | 13000 | 26000 | 46000 | 18.70 | 21.00 | 4.75 | 31.25 | 29.75 | 25.00 | 21.00 | 14.63 | 13.75 | .72 |

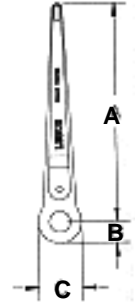
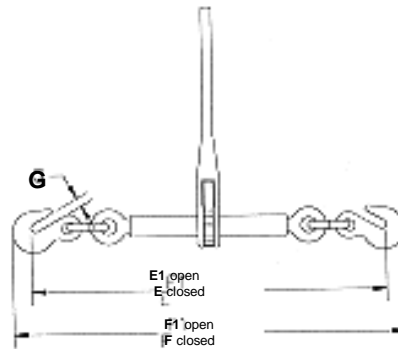
**See application and
warning information p 152**

LOAD BINDERS

Standard ratchet type load binder



L-140



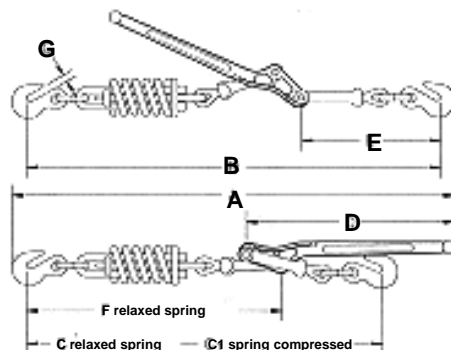
- ◆ Continuous take-up feature, infinite adjustment, gets the last half of chain.
- ◆ One piece assembly, no bolts or nuts to loosen.
- ◆ Ratchet spring rust proofed.
- ◆ All load bearing or holding parts forged.
- ◆ Easy operating positive ratchet.

| Model | Stock No. | Min-Max Chain Size (in.) | WLL (lbs.) | Proof Load (lbs.) | Minimum Ultimate Strength (lbs.) | Weight Each (lbs.) | Handle Length (in.) | Barrel Length (in.) | Take Up (in.) | Dimensions (in.) | | | | | | | |
|-------|-----------|--------------------------|------------|-------------------|----------------------------------|--------------------|---------------------|---------------------|---------------|------------------|------|------|-------|-------|-------|-------|-----|
| | | | | | | | | | | A | B | C | E | E1 | F | F1 | G |
| R-7 | 1048404 | 5/16-3/8 | 5400 | 10800 | 19000 | 10.50 | 14 | 10 | 8.0 | 14.0 | 1.38 | 2.75 | 22.94 | 30.94 | 25.13 | 33.13 | .50 |
| R-A | 1048422 | 3/8-1/2 | 9200 | 18400 | 33000 | 12.90 | 14 | 10 | 8.0 | 14.0 | 1.38 | 2.75 | 25.25 | 33.25 | 27.63 | 35.63 | .63 |
| R-C | 1048440 | 1/2-5/8 | 13000 | 26000 | 46000 | 14.38 | 14 | 10 | 8.0 | 14.0 | 1.38 | 2.75 | 26.38 | 34.38 | 29.44 | 37.44 | .72 |

See application and
warning information p 152

LOAD BINDERS

Snubbing load binder



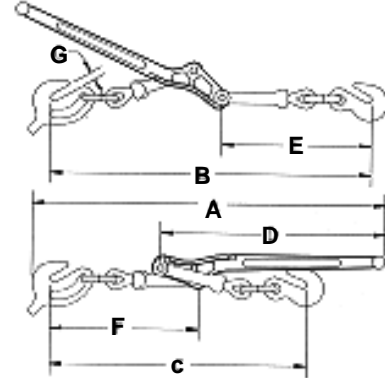
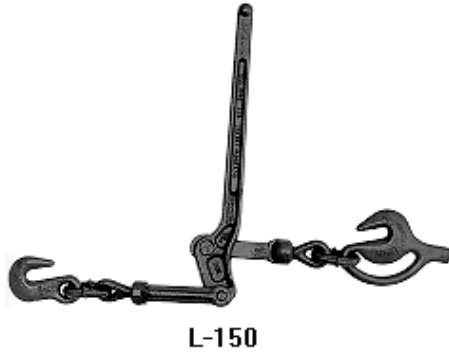
- ◆ Forged steel - quenched and tempered.
- ◆ Spring cushion for load protection, cushions shock and sway.
- ◆ Binder toggles away from the load.
- ◆ Meets or exceeds CVSA Cargo securement guidelines, August 1993.

| Model | Stock No. | Min-Max Chain Size (in.) | Working Load Limit (lbs.) | Minimum Ultimate Strength (lbs.) | Weight Each (lbs.) | Handle Length (in.) | Take Up (in.) | Compression Strength of Spring (lbs.) | Dimensions (in.) | | | | | | | |
|-------|-----------|--------------------------|---------------------------|----------------------------------|--------------------|---------------------|---------------|---------------------------------------|------------------|-------|-------|-------|-------|-------|-------|-----|
| | | | | | | | | | A | B | C | C1 | D | E | F | G |
| 7-12 | 1048280 | 5/16 - 3/8 | 5400 | 16200 | 11.25 | 16.00 | 4.25 | 2300 | 32.75 | 30.75 | 28.00 | 26.50 | 16.00 | 10.38 | 19.00 | .50 |
| A-12 | 1048306 | 3/8 - 1/2 | 9200 | 30300 | 18.00 | 18.50 | 4.50 | 3300 | 35.94 | 34.00 | 30.44 | 29.50 | 18.69 | 12.00 | 20.50 | .63 |

See application and warning information p 152

LOAD BINDERS

Releasing load binder



- ◆ Forged steel - quenched and tempered.
- ◆ Exclusive hook design permits release from jammed loads.
- ◆ Binder toggles away from the load.
- ◆ Meets or exceeds CVSA Cargi securement guidelines, August 1993

| Model | Stock No. | Min-Max Chain Size (in.) | Working Load Limit (lbs.) | Proof Load (lbs.) | Minimum Ultimate Strength (lbs.) | Weight Each (lbs.) | Handle Length (in.) | Take Up (in.) | Dimensions (in.) | | | | | | |
|-------|-----------|--------------------------|---------------------------|-------------------|----------------------------------|--------------------|---------------------|---------------|------------------|-------|-------|-------|-------|-------|-----|
| | | | | | | | | | A | B | C | D | E | F | G |
| 7-14 | 1048324 | 5/16-3/8 | 5400 | 8100 | 13000 | 7.30 | 16.00 | 4.25 | 23.75 | 21.88 | 17.63 | 16.00 | 10.38 | 10.13 | .50 |
| A-14 | 1048342 | 3/8-1/2 | 9200 | 13800 | 18500 | 11.80 | 18.50 | 4.50 | 27.00 | 24.88 | 20.38 | 18.69 | 12.00 | 11.50 | .63 |
| C-14 | 1048360 | 1/2-5/8 | 13000 | 16500 | 24000 | 18.40 | 21.00 | 4.75 | 31.19 | 29.38 | 24.63 | 21.00 | 14.63 | 13.38 | .77 |

See application and warning information p 152

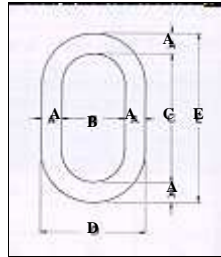
CHAIN ACCESSORIES

Master link



A-342

- ◆ Alloy steel - quenched and tempered.
- ◆ Individually proof tested at 2 times Working Load Limit with certification.
- ◆ Proof test certification shipped with each link.
- ◆ Sizes from 1/2" to 2" are drop forged.



| Size (in.) | Stock No. | Working Load Limit* (lbs.) | Weight Each (lbs.) | Dimensions (in) | | | | |
|---------------|--------------|----------------------------------|--------------------------|--------------------|-------|-------|-------|-------|
| | | | | A | B | C | D | E |
| 1/2 | 1014262 | 4920 | .89 | .50 | 2.50 | 5.00 | 3.50 | 6.00 |
| 5/8 | 1014280 | 6600 | 1.63 | .63 | 3.00 | 6.00 | 4.25 | 7.25 |
| 3/4 | 1014306 | 10320 | 2.25 | .75 | 2.75 | 5.50 | 4.25 | 7.00 |
| 1 | 1014324 | 24360 | 5.00 | 1.00 | 3.50 | 7.00 | 5.50 | 9.00 |
| 1 1/4 | 1014342 | 35160 | 9.75 | 1.25 | 4.38 | 8.75 | 6.88 | 11.25 |
| 1 1/2 | 1014360 | 47880 | 17.12 | 1.50 | 5.25 | 10.50 | 8.25 | 13.50 |
| 1 3/4 | 1014388 | 62520 | 26.12 | 1.75 | 6.00 | 12.00 | 9.50 | 15.50 |
| 2 | 1014404 | 97680 | 41.12 | 2.00 | 7.00 | 14.00 | 11.00 | 18.00 |
| 2 1/4** | 1014422 | 119400 | 54.80 | 2.25 | 8.00 | 16.00 | 12.50 | 20.50 |
| 2 1/2** | 1014468 | 147300 | 71.60 | 2.50 | 8.00 | 16.00 | 13.00 | 21.00 |
| 2 3/4** | 1014440 | 178200 | 87.70 | 2.75 | 9.50 | 16.00 | 15.00 | 21.50 |
| 3** | 1014486 | 228000 | 115.00 | 3.00 | 9.00 | 18.00 | 15.00 | 24.00 |
| 3 1/4** | 1014501 | 262200 | 145.00 | 3.25 | 10.00 | 20.00 | 16.50 | 26.50 |
| 3 1/2** | 1014529 | 279000 | 194.00 | 3.50 | 12.00 | 24.00 | 19.00 | 31.00 |
| 3 3/4** | 1015051 | 336000 | 198.00 | 3.75 | 10.00 | 20.00 | 17.50 | 27.50 |
| 4** | 1015060 | 373000 | 228.00 | 4.00 | 10.00 | 20.00 | 18.00 | 28.00 |
| 4 1/4** | 1015067 | 354000 | 302.00 | 4.25 | 12.00 | 24.00 | 20.50 | 32.50 |
| 4 1/2** | 1015079 | 399000 | 342.00 | 4.50 | 14.00 | 28.00 | 23.00 | 37.00 |
| 4 3/4** | 1015088 | 389000 | 436.00 | 4.75 | 14.00 | 28.00 | 23.50 | 37.50 |
| 5** | 1015094 | 395000 | 516.00 | 5.00 | 15.00 | 30.00 | 25.00 | 40.00 |

* Based on single leg sling. Minimum Ultimate Load is 5 times Working Load Limit.

** Welded master link.

CHAIN ACCESSORIES

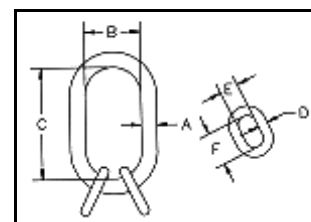
Master link assembly



A-345

- ◆ Alloy steel - quenched and tempered.
- ◆ Individually proof tested at 2 times Working Load Limit with certification.
- ◆ Proof test certification shipped with each link.

| Size (in.) | A-345 Stock No. S.C. | Working Load Limit*† (lbs.) | Weight Each (lbs.) | Dimensions (in.) | | | | | |
|---------------|-------------------------------|--------------------------------------|--------------------------|---------------------|------|-------|------|------|------|
| | | | | A | B | C | D | E | F |
| 3/4 | 1014734 | 9050 | 2.60 | .75 | 2.75 | 5.50 | .47 | .91 | 1.66 |
| 1 | 1014752 | 18400 | 6.10 | 1.00 | 3.50 | 7.00 | .66 | 1.25 | 2.31 |
| 1 1/4 | 1014770 | 31150 | 13.20 | 1.25 | 4.38 | 8.75 | .91 | 1.72 | 3.19 |
| 1 1/2 | 1014798 | 47000 | 24.20 | 1.50 | 5.25 | 10.50 | 1.19 | 2.31 | 4.25 |
| 1 3/4 | 1014814 | 73500 | 35.90 | 1.75 | 6.00 | 12.00 | 1.31 | 2.56 | 4.69 |
| 2 | 1014832 | 88850 | 57.30 | 2.00 | 7.00 | 14.00 | 1.44 | 2.75 | 5.12 |



* Ultimate Load is 4 times Working Load Limit.
 † Working Load Limit with coupling links at 60° included angle.

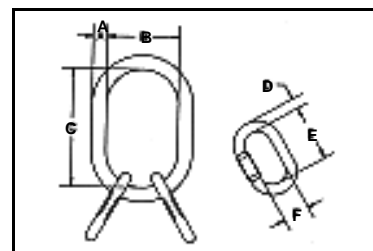
Welded master link assembly



A-347

- ◆ Design factor of 4 to 1 for chain and 5 to 1 for wire rope.
- ◆ Alloy steel - quenched and tempered.
- ◆ Individually proof tested at 2 times the Working Load Limit with certification.
- ◆ Larger inside width and length for use with thimble.
- ◆ Flattened section for use with S-325A coupler link.

| Size (in.) | A-347 Stock No. | Working Load Limit* (lbs.) | | Weight (lbs.) | Dimensions (in.) | | | | | |
|---------------|--------------------|-------------------------------|-------|------------------|---------------------|------|-------|-----|------|------|
| | | 4:1 | 5:1 | | A | B | C | D | E | F |
| 1/2 | 1257690 | 5300 | 4300 | 1.90 | .55 | 2.36 | 3.94 | .47 | 3.35 | 1.57 |
| 5/8 | 1257760 | 7100 | 5700 | 3.65 | .67 | 3.54 | 6.30 | .55 | 3.94 | 2.36 |
| 3/4 | 1257830 | 11000 | 8800 | 4.00 | .79 | 3.54 | 6.30 | .55 | 3.94 | 2.36 |
| 7/8 | 1257970 | 17600 | 14100 | 6.90 | .87 | 3.94 | 7.09 | .67 | 5.91 | 2.76 |
| 1 1/8 | 1258140 | 26500 | 21200 | 16.31 | 1.10 | 5.51 | 10.63 | .87 | 6.30 | 3.54 |
| 1 1/4 | 1258180 | 37500 | 30000 | 22.50 | 1.26 | 5.51 | 10.63 | .98 | 7.09 | 3.94 |



* Ultimate Load is 4 times the Working Load Limit based on 90° included angle.

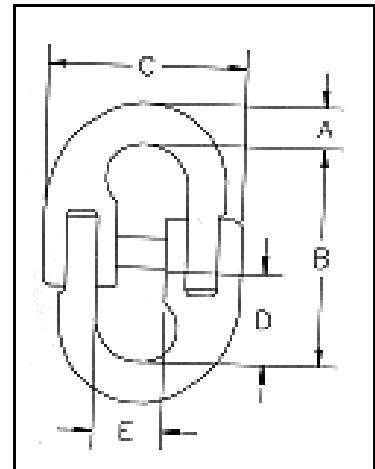
CHAIN ACCESSORIES

Connecting link



A-336

- ◆ Individually proof tested.
- ◆ Forged alloy steel - quenched and tempered.
- ◆ Easy to assemble.



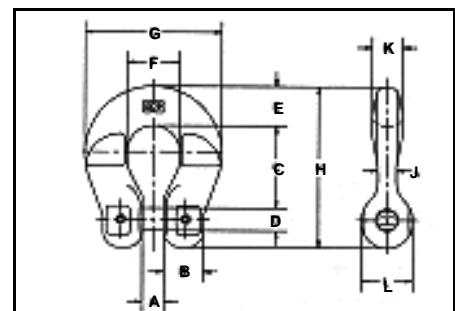
| Chain Size (in.) | A-336 Stock No. S.C. | Working Load Limit* (lbs.) | Weight Each (lbs.) | Dimensions (in.) | | | | | Diam. Hole to Accept Link |
|------------------|----------------------|----------------------------|--------------------|------------------|------|------|------|------|---------------------------|
| | | | | A | B | C | D | E | |
| 1/4 | 1014397 | 3250 | .25 | .31 | 2.06 | 1.69 | .78 | .78 | .50 |
| 3/8 | 1014413 | 6600 | .60 | .45 | 2.72 | 2.31 | 1.06 | 1.09 | .66 |
| 1/2 | 1014431 | 11250 | 1.25 | .58 | 3.34 | 3.16 | 1.28 | 1.41 | .88 |
| 5/8 | 1014459 | 16500 | 2.30 | .78 | 3.91 | 3.94 | 1.56 | 1.69 | 1.06 |
| 3/4 | 1014477 | 23000 | 4.00 | .89 | 4.84 | 4.44 | 1.97 | 2.00 | 1.19 |
| 7/8 | 1014495 | 28750 | 5.75 | 1.00 | 5.81 | 5.31 | 2.38 | 2.12 | 1.38 |
| 1 | 1014510 | 38750 | 8.00 | 1.08 | 6.48 | 6.07 | 2.84 | 2.55 | 1.47 |
| 1 1/4 | 1014538 | 57500 | 15.00 | 1.38 | 8.48 | 7.65 | 3.77 | 3.77 | 1.73 |

Coupling link



S-325-A

- ◆ Designed to connect Grade 8 chain fittings produced with "Engineered Flat" to Grade 8 chain.
- ◆ Individually proof tested at 2½ times Working Load Limit with certification.
- ◆ Locking system that provides for simple assembly and disassembly - no special tools needed.
- ◆ Forged alloy steel - quenched and tempered
- ◆ Fatigue rated



| Chain Size (in.) | Stock No. | Working Load Limit (lbs.) | Weight each (lbs.) | Dimensions (in.) | | | | | | | | | | |
|------------------|-----------|---------------------------|--------------------|------------------|-----|------|-----|------|------|------|------|-----|-----|------|
| | | | | A | B | C | D | E | F | G | H | J | K | L |
| — | 1097995 | 2500 | .25 | .28 | .43 | 1.04 | .30 | .50 | .74 | 1.74 | 2.06 | .24 | .35 | .67 |
| 1/4 - 5/16 | 1098001 | 4500 | .40 | .36 | .67 | 1.41 | .37 | .68 | .88 | 2.32 | 2.76 | .31 | .51 | .87 |
| 3/8 | 1098005 | 7100 | .76 | .45 | .68 | 1.86 | .47 | .75 | 1.18 | 2.72 | 3.43 | .39 | .63 | .98 |
| 1/2 | 1098009 | 12000 | 1.60 | .57 | .91 | 2.12 | .63 | 1.06 | 1.50 | 3.62 | 4.24 | .47 | .75 | 1.26 |
| 5/8 | 1098013 | 18100 | 3.00 | .71 | .98 | 2.84 | .78 | 1.22 | 1.96 | 4.40 | 5.39 | .59 | .95 | 1.57 |

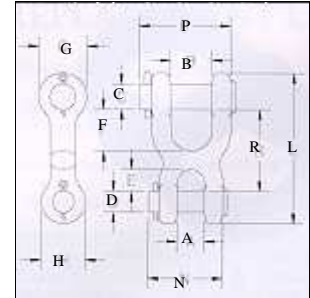
CHAIN ACCESSORIES

Double clevis link



S-247

- Designed for linking all popular sizes of Spectrum 3 and Spectrum 4 chain to rings, end links, eye hooks, pad eyes, tractor eyebolts...
- All pins alloy steel - quenched and tempered
- Body is forged and heat treated carbon steel
- Features quick and easy assembly



| Chain Size (in.) | S-247 Stock No. S.C. | Working Load Limit * (lbs.) | Weight Each (lbs.) | Dimensions (in.) | | | | | | | | | | | |
|------------------|----------------------|-----------------------------|--------------------|------------------|------|-----|-----|-----|------|------|------|------|------|------|------|
| | | | | A | B | C | D | E | F | G | H | L | N | P | R |
| 1/4 | 1013021 | 2600 | .44 | .50 | .75 | .50 | .31 | .38 | .75 | 1.00 | .81 | 2.81 | 1.38 | 1.66 | 1.50 |
| 5/16 - 3/8 | 1013049 | 5400 | .81 | .56 | 1.00 | .63 | .44 | .47 | 1.00 | 1.19 | 1.00 | 3.53 | 1.75 | 2.25 | 1.91 |
| 7/16 | 1013067 | 7000 | 1.28 | .69 | 1.13 | .69 | .56 | .59 | 1.09 | 1.31 | 1.19 | 4.06 | 2.00 | 2.50 | 2.19 |
| 1/2 | 1013085 | 9200 | 1.68 | .81 | 1.25 | .75 | .63 | .66 | 1.25 | 1.44 | 1.31 | 4.53 | 2.25 | 2.75 | 2.47 |

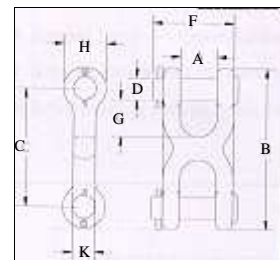
* Ultimate Load is 4 times the Working Load Limit

Twin clevis link



S-249

- Available in 3 popular sizes
- Body is forged and heat treated carbon steel
- All pins alloy steel - quenched and tempered
- Features quick and easy assembly
- Twin clevis design provides a variety of uses and can be used with Spectrum 3, Spectrum 4 and Spectrum 7 chains



| Chain Size (in.) | S-249 Stock No. S.C. | Working Load Limit * (lbs.) | Weight Each (lbs.) | Dimensions (in.) | | | | | | | |
|------------------|----------------------|-----------------------------|--------------------|------------------|------|------|-----|------|-----|------|-----|
| | | | | A | B | C | D | F | G | H | K |
| 1/4- 5/16 | 1012861 | 4700 | .31 | .47 | 2.50 | 1.16 | .38 | 1.31 | .43 | .94 | .50 |
| 3/8 | 1012889 | 6600 | .44 | .53 | 2.81 | 1.81 | .44 | 1.53 | .50 | 1.00 | .56 |
| 7/16 - 1/2 | 1012905 | 11250 | .97 | .65 | 3.62 | 2.31 | .56 | 1.91 | .63 | 1.31 | .81 |

* Ultimate Load is 4 times the Working Load Limit

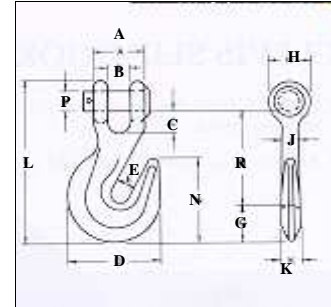
CHAIN ACCESSORIES

Clevis grab hooks



H-330 A-330

- Forged steel - quenched and tempered
- Features quick and easy assembly
- H-330 designed for Spectrum 4 chain
- A-330 designed for Spectrum 7 and Spectrum 8 chain



| Chain Size (in.) | Stock No. | | Working Load Limit (lbs.) | | Weight Each (lbs.) | Dimensions (in.) | | | | | | | | | | | | |
|------------------|--------------|-------------|---------------------------|-------------|--------------------|------------------|-----|-----|------|-----|------|------|-----|------|------|------|-----|------|
| | H-330 Carbon | A-330 Alloy | H-330 Carbon | A-330 Alloy | | A | B | C | D | E | G | H | J | K | L | N | P | R |
| 1/4 | 1027105 | 1027249 * | 2600 | 3500 | .36 | 1.00 | .32 | .31 | 1.81 | .34 | .88 | .72 | .31 | .47 | 3.05 | 1.75 | .31 | 1.64 |
| 5/16 | 1027123 | 1027267 * | 3900 | 4500 | .63 | 1.19 | .39 | .36 | 2.12 | .44 | .97 | .91 | .38 | .59 | 3.66 | 2.06 | .38 | 2.02 |
| 3/8 | 1027141 | 1027285 * | 5400 | 7100 | 1.00 | 1.38 | .45 | .45 | 2.53 | .50 | 1.17 | 1.00 | .44 | .72 | 4.31 | 2.34 | .44 | 2.41 |
| 1/2 | 1027187 | 1027329 * | 9200 | 12000 | 2.10 | 1.88 | .75 | .70 | 3.56 | .66 | 1.53 | 1.25 | .63 | .78 | 5.69 | 2.97 | .63 | 3.19 |
| 5/8 | 1027203 | 1027347 | 11500 | 18100 | 4.20 | 2.28 | .91 | .84 | 4.39 | .78 | 1.78 | 1.56 | .81 | 1.09 | 7.06 | 4.31 | .75 | 4.09 |

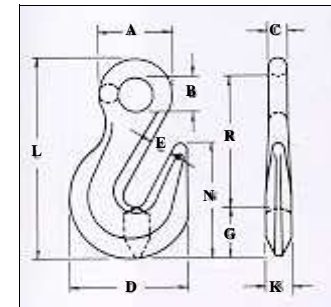
* Only A-330 hooks containing an "8" designating Grade 8, have new Working Load Limits

Eye grab hooks



H-323 A-323

- Forged steel - quenched and tempered
- H-323 designed for Spectrum 4 chain
- A-323 designed for Spectrum 7 and Spectrum 8 chains



| Chain Size (in.) | Stock | | Working Load Limit (lbs.) | | Weight Each (lbs.) | Dimensions (in.) | | | | | | | | | | |
|------------------|--------------|-------------|---------------------------|-------|--------------------|------------------|------|-----|------|-----|------|------|------|------|------|--|
| | H-323 Carbon | A-323 Alloy | H-323 | A-323 | | A | B | C | D | E | G | K | L | N | R | |
| 1/4 | 1026204 | 1026384 * | 2600 | 3500 | .28 | 1.09 | .53 | .31 | 1.81 | .34 | .88 | .47 | 3.05 | 1.75 | 1.88 | |
| 5/16 | 1026222 | 1026400 * | 3900 | 4500 | .45 | 1.31 | .62 | .38 | 2.12 | .44 | .97 | .59 | 3.59 | 2.06 | 2.28 | |
| 3/8 | 1026240 | 1026428 * | 5400 | 7100 | .79 | 1.56 | .75 | .44 | 2.53 | .50 | 1.17 | .72 | 4.28 | 2.34 | 2.69 | |
| 1/2 | 1026286 | 1026464 * | 9200 | 12000 | 1.75 | 1.94 | .88 | .53 | 3.56 | .66 | 1.53 | .78 | 5.44 | 2.97 | 3.38 | |
| 5/8 | 1026302 | 1026482 | 11500 | 18100 | 3.25 | 2.38 | 1.06 | .66 | 4.41 | .78 | 1.89 | 1.00 | 6.66 | 3.78 | 4.11 | |

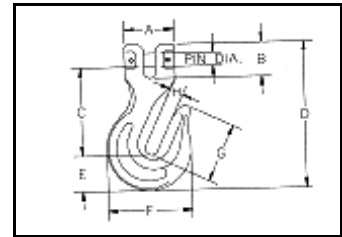
* Only A-323 hooks containing an "8" designating Grade 8, have new Working Load Limits

CHAIN ACCESSORIES

Clevis grab hook



- ◆ Alloy steel - quenched and tempered.
- ◆ Individually proof tested at 2 1/2 times Working Load Limit with certification.
- ◆ Pin locking requires no special tools.



A-338

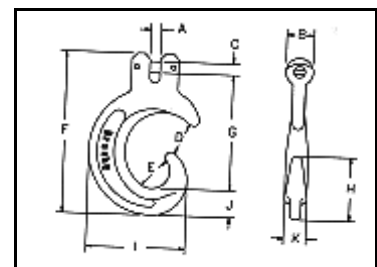
| Chain Size (in.) | A-338 Stock No. | Working Load Limit* (lbs.) | Weight Each (lbs.) | Dimensions (in.) | | | | | | | | Pin Diameter |
|------------------|-----------------|----------------------------|--------------------|------------------|------|------|-------|------|------|------|------|--------------|
| | | | | A | B | C | D | E | F | G | H | |
| 1/4 | 1027659 | 3500 | .64 | 1.50 | 1.10 | 2.56 | 4.19 | .91 | 2.16 | 1.44 | .38 | .37 |
| 3/8 | 1027677 | 7100 | 1.43 | 1.79 | 1.32 | 3.25 | 5.34 | 1.16 | 3.00 | 2.12 | .50 | .47 |
| 1/2 | 1027686 | 12000 | 3.72 | 2.38 | 1.61 | 4.19 | 7.12 | 1.69 | 4.00 | 2.86 | .62 | .63 |
| 5/8 | 1027695 | 18100 | 5.48 | 2.68 | 2.05 | 5.03 | 8.38 | 1.88 | 4.64 | 3.56 | .75 | .78 |
| 3/4 | 1027702 | 28300 | 9.18 | 3.46 | 2.71 | 5.95 | 9.97 | 2.19 | 5.47 | 4.25 | .88 | .83 |
| 7/8 | 1027711 | 34200 | 14.19 | 3.96 | 3.07 | 6.88 | 11.56 | 2.56 | 6.31 | 4.88 | 1.00 | .94 |

* Ultimate Load is 4 times the Working Load Limit

C hook



- ◆ Alloy steel - quenched and tempered.
- ◆ Individually Proof Tested at 2 1/2 times Working Load Limit.



S-312A

| Chain Size (mm) | S-312A Stock No. | Working Load Limit (tons) | Weight Each (kg) | Dimensions (mm) | | | | | | | | | | |
|-----------------|------------------|---------------------------|------------------|-----------------|----|------|----|----|-----|-----|------|------|----|------|
| | | | | A | B | C | D | E | F | G | H | I | J | K |
| 7 - 8 | 1097930 | 2 | .5 | 9 | 22 | 9.70 | 24 | 32 | 144 | 97 | 60.0 | 84.5 | 28 | 20.5 |
| 10 | 1097931 | 3.2 | 1.0 | 11 | 25 | 12.3 | 35 | 38 | 175 | 125 | 66.5 | 107 | 29 | 24 |
| 13 | 1097932 | 5.4 | 2.3 | 14 | 32 | 16.4 | 40 | 49 | 235 | 166 | 91.5 | 137 | 42 | 30 |

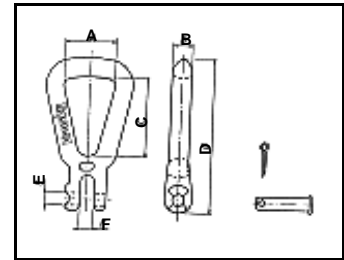
CHAIN ACCESSORIES

Pear-shaped clevis link



S-560A

- ◆ Alloy steel - quenched and tempered
- ◆ Individually proof tested at 2 1/2 times WLL



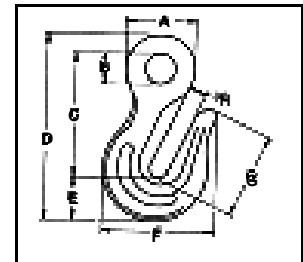
| Chain size (mm) | S-560A Stock No. | WLL t | Weight (kg) | Dimensions (mm) | | | | | |
|-----------------|------------------|-------|-------------|-----------------|------|------|-------|------|------|
| | | | | A | B | C | D | E | F |
| 6 | 1097900 | 1.2 | .30 | 39.0 | 13.0 | 67.5 | 114 | 10.3 | 7.0 |
| 7 - 8 | 1097901 | 2 | .50 | 45.0 | 15.0 | 79.5 | 137 | 10.3 | 9.2 |
| 10 | 1097902 | 3.2 | .85 | 53.0 | 19.5 | 94.0 | 167.5 | 12.7 | 11.5 |
| 13 | 1097903 | 5.4 | 1.50 | 60.0 | 22.5 | 120 | 204 | 16.6 | 14.5 |
| 16 | 1097904 | 8 | 2.50 | 81.0 | 29.0 | 140 | 249 | 20.5 | 18.0 |

Eye grab hook



A-328

- ◆ Alloy steel - quenched and tempered.
- ◆ Individually Proof Tested at 2 1/2 times Working Load Limit with certification.



| Chain Size (in.) | A-328 Stock No. | Working Load Limit (lbs) | Weight Each (lbs.) | Dimensions (in.) | | | | | | | |
|------------------|-----------------|--------------------------|--------------------|------------------|------|------|-------|------|------|------|------|
| | | | | A | B | C | D | E | F | G | H |
| 9/32 (1/4) | 1026017 | 3500 | .60 | 1.38 | .59 | 2.56 | 3.84 | .91 | 2.16 | 1.44 | .38 |
| 3/8 | 1026035 | 7100 | 1.20 | 1.80 | .80 | 3.25 | 4.91 | 1.16 | 3.00 | 2.13 | .50 |
| 1/2 | 1026053 | 12000 | 3.00 | 2.25 | .98 | 4.19 | 6.50 | 1.69 | 4.00 | 2.86 | .63 |
| 3/4 | 1026099 | 28300 | 8.25 | 3.22 | 1.72 | 5.95 | 9.08 | 2.19 | 5.47 | 4.25 | .88 |
| 7/8 | 1026115 | 34200 | 11.90 | 3.77 | 1.55 | 6.88 | 10.44 | 2.56 | 6.31 | 4.88 | 1.00 |

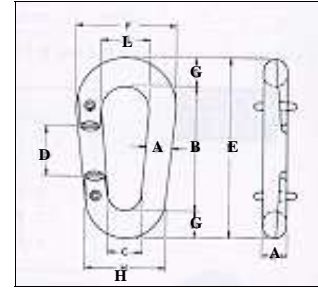
CHAIN ACCESSORIES

Pear shape “missing link” replacement links



G-334

- Forged steel - quenched and tempered
- Has larger inside dimensions making it easier to attach hooks or other fittings to the chain
- After making connections, rivets must be peened



| Chain Size (in.) | Stock No. | | Working Load Limit * (lbs.) | Weight Per 100 (lbs.) | Dimensions (in.) | | | | | | | | |
|------------------|-------------|------------|-----------------------------|-----------------------|------------------|------|------|------|------|------|-----|------|------|
| | G-334 Galv. | S-334 S.C. | | | A | B | C | D | E | F | G | H | L |
| 3/8 | 1013432 | 1013441 | 1850 | 25.00 | .41 | 2.00 | .56 | .81 | 2.94 | 1.63 | .47 | 1.38 | .81 |
| 1/2 | 1013450 | 1013469 | 3300 | 50.00 | .50 | 2.50 | .69 | 1.00 | 3.63 | 2.00 | .56 | 1.69 | 1.00 |
| 5/8 | 1013478 | 1013487 | 5000 | 75.00 | .63 | 2.75 | .81 | 1.06 | 4.00 | 2.38 | .63 | 2.06 | 1.13 |
| 3/4 | 1013496 | 1013502 | 7100 | 125.00 | .75 | 3.13 | 1.00 | 1.13 | 4.75 | 2.75 | .81 | 2.50 | 1.25 |
| 7/8 | 1013511 | 1013520 | 9600 | 200.00 | .88 | 3.69 | 1.25 | 1.38 | 5.56 | 3.25 | .94 | 3.00 | 1.50 |

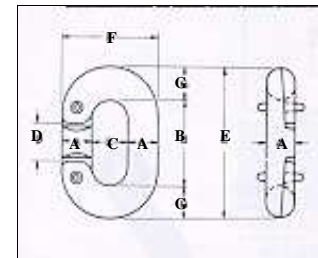
* Ultimate Load is 4 times the Working Load Limit

“Missing link” replacement links



G-335

- Forged steel - quenched and tempered
- Integral rivets join the two halves
- After making connections, rivets must be peened



| Chain Size (in.) | Stock No. | | Working Load Limit * (lbs.) | Weight Per Box | Weight Per 100 (lbs.) | Dimensions (in.) | | | | | | |
|------------------|-------------|------------|-----------------------------|----------------|-----------------------|------------------|------|------|------|------|------|------|
| | G-335 Galv. | S-335 S.C. | | | | A | B | C | D | E | F | G |
| 3/16 ** | 1013094 | 1013101 | 800 | 20 | 2.50 | .25 | .69 | .34 | .34 | 1.19 | .78 | .28 |
| 1/4 ** | 1013110 | 1013129 | 1325 | 10 | 6.25 | .28 | .88 | .44 | .44 | 1.50 | 1.00 | .31 |
| 5/16 ** | 1013138 | 1013147 | 1950 | 10 | 12.50 | .34 | .94 | .47 | .47 | 1.69 | 1.16 | .38 |
| 3/8 | 1013156 | 1013165 | 2750 | 10 | 20.00 | .41 | 1.13 | .56 | .56 | 2.06 | 1.38 | .47 |
| 7/16 | 1013174 | 1013183 | 3625 | 10 | 27.50 | .47 | 1.28 | .59 | .59 | 2.34 | 1.53 | .53 |
| 1/2 | 1013192 | 1013209 | 4750 | 10 | 37.50 | .53 | 1.47 | .66 | .66 | 2.66 | 1.72 | .59 |
| 5/8 | 1013236 | 1013245 | 7250 | 10 | 72.50 | .66 | 1.81 | .78 | .81 | 3.31 | 2.09 | .75 |
| 3/4 | 1013254 | 1013263 | 10250 | 10 | 122.50 | .78 | 2.13 | .94 | 1.06 | 3.88 | 2.50 | .88 |
| 7/8 | 1013272 | 1013281 | 12000 | Bulk | 175.00 | .91 | 2.50 | 1.13 | 1.13 | 4.50 | 2.94 | 1.00 |
| 1 *** | 1013290 | 1013307 | 15500 | Bulk | 250.00 | 1.03 | 2.75 | 1.25 | 1.25 | 5.00 | 3.31 | 1.13 |

* Ultimate Load is 4 times the Working Load Limit ** Have rivets only - no interlocking lugs

*** Has reinforced rivet holes. All sizes have countersunk rivet holes

CHAIN ACCESSORIES

Working Load Limit - 4 to 1 design factor

| Spectrum 8 Alloy Chain Size | | Single Leg | Double Leg | | | | Triple and Quad Leg | | |
|-----------------------------|------------|------------|------------|--------|-------|--------|---------------------|--------|--|
| (mm) | (in.) | 90° | 60° | 45° | 30° | 60° | 45° | 30° | |
| 6 | 7/32 | 2100 | 3600 | 3000 | 2100 | 5450 | 4450 | 3150 | |
| 7 | 1/4 (9/32) | 3500 | 6100 | 4900 | 3500 | 9100 | 7400 | 5200 | |
| 8 | 5/16 | 4500 | 7800 | 6350 | 4500 | 11700 | 9600 | 6700 | |
| 10 | 3/8 | 7100 | 12300 | 10000 | 7100 | 18400 | 15100 | 10600 | |
| 13 | 1/2 | 12000 | 20800 | 17000 | 12000 | 31200 | 25500 | 18000 | |
| 16 | 5/8 | 18100 | 31300 | 25600 | 18100 | 47000 | 38400 | 27100 | |
| 20 | 3/4 | 28300 | 49000 | 40000 | 28300 | 73500 | 60000 | 42400 | |
| 22 | 7/8 | 34200 | 59200 | 48400 | 34200 | 88900 | 72500 | 51300 | |
| 26 | 1 | 47700 | 82600 | 67400 | 47700 | 123900 | 101200 | 71500 | |
| 32 | 1 1/4 | 72300 | 125200 | 102200 | 72300 | 187800 | 153400 | 108400 | |

The design factor of 4 to 1 on Spectrum 8 Alloy Chain agrees with the design factor used by the International Standards Organization (ISO) and ANSI B30.9 is the preferred set of Working Load Limit values to be used.

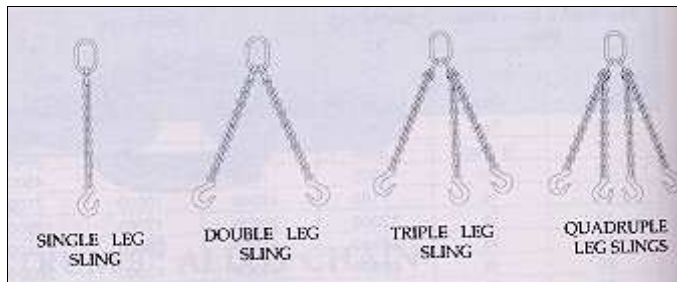
To make your Spectrum 8 alloy chain sling

Follow these simple steps in making a sling assembly :

- Determine the maximum load to be lifted by the sling assembly
- Choose the type of the sling assembly suited for the shape of the load and the size of the sling assembly for the load to be lifted. The decision must take into account the angle of the sling legs in multileg slings
- Determine the overall reach for bearing point of master link to bearing point on hook
- Select components, assemble chain and components. Affix sling identification tag to sling. The tag is available from your Distributor. The tag should be stamped with size chain, reach, type sling, Working Load Limit at a specific angle of lift and some identifying number for record keeping
- If measurement comes in the link, cut the following link. For two leg type count the links and use an even number for clevis hooks and an odd number for eye hooks. This will position hooks in the same plane. In multileg slings always use the same number of links in each leg

CHAIN ACCESSORIES

Chain sling components



SINGLE LEG SLING

| Spectrum 8 Chain Size | | | | | | | | |
|--------------------------------|-------------------|----------------------------|-----------------------------|--------------------------------------|----------------------|---------------------|----------------------------------|-------------------------|
| | Master Link A-342 | Master Link Assembly A-345 | Master Link with Flat A-344 | Master Link Assembly with Flat A-347 | Lok-A-Loy Link A-337 | Chain coupler S-325 | Latching Clevis Chain Hook S-314 | Latching Eye Hook S-315 |
| 1/4 | 1/2 | - | 7/16 | - | 1/4 | 1/4- 5/16 | 1/4- 5/16 | 1/4- 5/16 |
| 5/16 | 5/8 | - | 1/2 | - | 5/16 | 1/4- 5/16 | 1/4- 5/16 | 1/4- 5/16 |
| 3/8 | 3/4 | - | 11/16 | - | 3/8 | 3/8 | 3/8 | 3/8 |
| 1/2 | 1 | - | 3/4 | - | 1/2 | 1/2 | 1/2 | 1/2 |
| 5/8 | 1 | - | 1 | - | 5/8 | 5/8 | 5/8 | 5/8 |
| 3/4 | 1 1/4 | - | 1 1/4 | - | 3/4 | - | - | - |
| 7/8 | 1 1/2 | - | 1 1/4 | - | 7/8 | - | - | - |









| Spectrum 8 Chain Size | | | | | | | | |
|--------------------------------|-------------------------|----------------------------|----------------------------|-------------------------|------------------------|----------------------|---------------------|------------------------|
| | Shur-loc Eye Hook S-316 | Shur-loc Clevis Hook S-317 | Shur-loc Swivel Hook S-326 | Clevis Sling Hook A-339 | Clevis Grab Hook A-338 | Eye Sling Hook A-327 | Eye Grab Hook A-328 | Eye Foundry Hook A-329 |
| 1/4 | 1/4-5/16 | 1/4-5/16 | 1/4-5/16 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 5/16 | 1/4-5/16 | 1/4-5/16 | 1/4-5/16 | - | - | - | - | - |
| 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 5/8 | 5/8 | 5/8 | 5/8 | 5/8 | 5/8 | 5/8 | - | 5/8 |
| 3/4 | - | - | - | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7/8 | - | - | - | 7/8 | 7/8 | 7/8 | 7/8 | 7/8 |

DOUBLE LEG SLING









| Spectrum 8 Chain Size | | | | | | | | |
|--------------------------------|-------------------|----------------------------|-----------------------------|--------------------------------------|----------------------|---------------------|----------------------------------|-------------------------|
| | Master Link A-342 | Master Link Assembly A-345 | Master Link with Flat A-344 | Master Link Assembly with Flat A-347 | Lok-A-Loy Link A-337 | Chain coupler S-325 | Latching Clevis Chain Hook S-314 | Latching Eye Hook S-315 |
| 1/4 | 1/2 | - | 1/2 | - | 1/4 | 1/4- 5/16 | 1/4- 5/16 | 1/4- 5/16 |
| 5/16 | 5/8 | - | 11/16 | - | 5/16 | 1/4- 5/16 | 1/4- 5/16 | 1/4- 5/16 |
| 3/8 | 3/4 | - | 3/4 | - | 3/8 | 3/8 | 3/8 | 3/8 |
| 1/2 | 1 | - | 7/8 | - | 1/2 | 1/2 | 1/2 | 1/2 |
| 5/8 | 1 1/4 | - | 1 1/8 | - | 5/8 | 5/8 | 5/8 | 5/8 |
| 3/4 | 1 1/2 | - | 1 1/4 | - | 3/4 | - | - | - |
| 7/8 | 1 3/4 | - | - | - | 7/8 | - | - | - |









CHAIN ACCESSORIES

Chain sling components

| |  |  |  |  |  |  |  |  |
|-----------------------|---|---|---|---|---|--|---|---|
| Spectrum 8 Chain Size | Shur-loc Eye Hook S-316 | Shur-loc Clevis Hook S-317 | Shur-loc Swivel Hook S-326 | Clevis Sling Hook A-339 | Clevis Grab Hook A-338 | Eye Sling Hook A-327 | Eye Grab Hook A-328 | Eye Foundry Hook A-329 |
| 1/4 | 1/4-5/16 | 1/4-5/16 | 1/4-5/16 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 5/16 | 1/4-5/16 | 1/4-5/16 | 1/4-5/16 | - | - | - | - | - |
| 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 5/8 | 5/8 | 5/8 | 5/8 | 5/8 | 5/8 | 5/8 | - | 5/8 |
| 3/4 | - | - | - | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7/8 | - | - | - | 7/8 | 7/8 | 7/8 | 7/8 | 7/8 |

TRIPLE AND QUADRUPLE LEG SLING

| |  |  |  |  |  |  |  |  |
|-----------------------|--|--|--|--|--|---|--|--|
| Spectrum 8 Chain Size | Master Link A-342 | Master Link Assembly A-345 | Master Link with Flat A-344 | Master Link Assembly with Flat A-347 | Lok-A-Loy Link A-337 | Chain coupler S-325 | Latching Clevis Chain Hook S-314 | Latching Eye Hook S-315 |
| 1/4 | - | 3/4 | - | 11/16 | 1/4 | 1/4- 5/16 | 1/4- 5/16 | 1/4- 5/16 |
| 5/16 | - | 1 | - | 7/8 | 5/16 | 1/4- 5/16 | 1/4- 5/16 | 1/4- 5/16 |
| 3/8 | - | 1 | - | 7/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| 1/2 | - | 1 1/4 | - | 1 1/8 | 1/2 | 1/2 | 1/2 | 1/2 |
| 5/8 | - | 1 1/2 | - | 1 1/4 | 5/8 | 5/8 | 5/8 | 5/8 |
| 3/4 | - | 1 3/4 | - | - | 3/4 | - | - | - |
| 7/8 | - | 2 | - | - | 7/8 | - | - | - |

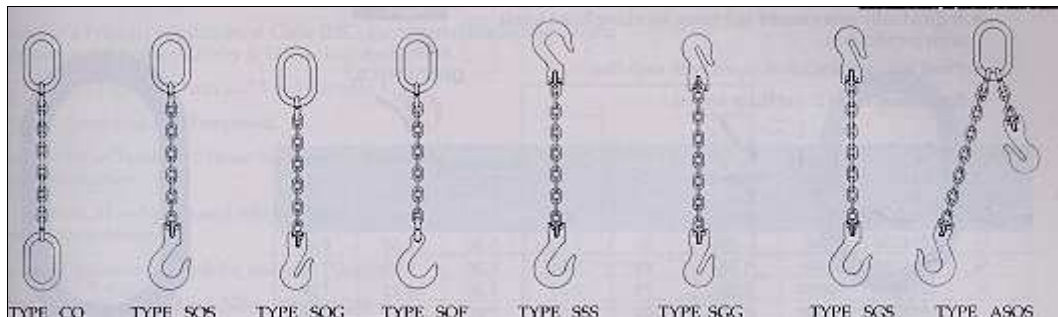
| |  |  |  |  |  |  |  |  |
|-----------------------|---|---|---|---|---|--|---|---|
| Spectrum 8 Chain Size | Shur-loc Eye Hook S-316 | Shur-loc Clevis Hook S-317 | Shur-loc Swivel Hook S-326 | Clevis Sling Hook A-339 | Clevis Grab Hook A-338 | Eye Sling Hook A-327 | Eye Grab Hook A-328 | Eye Foundry Hook A-329 |
| 1/4 | 1/4-5/16 | 1/4-5/16 | 1/4-5/16 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 5/16 | 1/4-5/16 | 1/4-5/16 | 1/4-5/16 | - | - | - | - | - |
| 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 5/8 | 5/8 | 5/8 | 5/8 | 5/8 | 5/8 | 5/8 | - | 5/8 |
| 3/4 | - | - | - | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7/8 | - | - | - | 7/8 | 7/8 | 7/8 | 7/8 | 7/8 |

CHAIN ACCESSORIES

Chain sling configurations

Specify us :

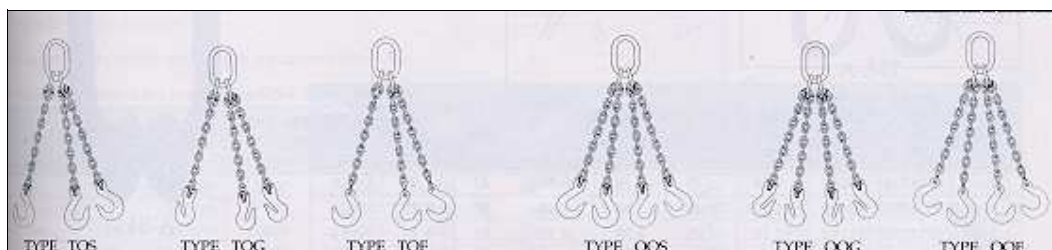
- the maximum load lifted,
- the configuration of the chain,
- the accessories for each end.



| Type | Description | Type | Description |
|------|--|------|---|
| CO | Single chain sling with master link each end | SSS | Single chain sling with sling hook each end |
| SOS | Single chain sling with master link and sling hook | SGG | Single chain sling with grab hook each end |
| SOG | Single chain sling with master link and grab hook | SGS | Single chain sling with grab hook and sling hook |
| SOF | Single chain sling with master link and foundry hook | ASOS | Adjustable single chain sling with master link and sling hook |



| Type | Description |
|------|---|
| DOS | Double chain sling with master link and sling hook |
| DOG | Double chain sling with master link and grab hook |
| DOF | Double chain sling with master link and foundry hook |
| ADOS | Adjustable double chain sling with master link and sling hook |



| Type | Description | Type | Description |
|------|--|------|---|
| TOS | Triple chain sling with master link and sling hook | QOS | Quadruple chain sling with master link and sling hook |
| TOG | Triple chain sling with master link and grab hook | QOG | Quadruple chain sling with master link and grab hook |
| TOF | Triple chain sling with master link and foundry hook | QOF | Quadruple chain sling with master link and foundry hook |