



PRODUCT CATALOG

www.perfectionchain.com



Over 165 Years of Manufacturing Excellence

Perfection Chain Products (PCP) has been manufacturing a wide variety of metal products since 1848 and currently operates from a 150,000 sq. ft. facility in Cullman, Alabama.

Our company was founded on the premise of "quality — first and foremost." We take pride in our precision manufacturing process with the goal of producing high-quality chain products.

We are the largest producer of weldless chain products in North America as well as a prime distributor of welded chain and chain assemblies used in numerous industries and applications.

Our weldless chain product line includes jack chain, double loop and single loop chain, sash and plumber's chain, décor chain, swing set chain, fixture hangers, s-hooks and custom wire forms. We have the capability to produce chain to your required length or finish.

Our welded chain product line includes proof coil, high test, mooring, transport chain and accessories, as well as straight link coil, straight link machine, twist link and passing link chain.

As members of the National Association of Chain Manufacturers (NACM), we manufacture according to industry standards in compliance with applicable ASTM and federal specifications.

We provide prompt and personal service, and maintain large inventories to ensure fast order processing. With our stocking agreements, we can work directly with you to establish short lead times and lower costs. Additionally — because Perfection Chain is a low overhead, high volume, production-oriented company, our products are sold at very competitive prices.

We look forward to working with you. Call or email us today!

(888) 856-4864
www.perfectionchain.com

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Common uses for Perfection Chain Products:



Product Specifications

Our standard chain is made from high quality, galvanized steel wire. Tests have shown that chain made from galvanized wire is superior in rust resistance compared to chain which is zinc plated after forming. (Galvanized wire has greater rust resistance because of a heavier zinc coating than zinc plated chain).

National Association of Chain Manufacturers (NACM) specifications cover properties of weldless and welded steel chain for industrial and commercial purposes. These chains are not calibrated. Actual application should determine the size and grade of chain to be used. These specifications pertain to the grades listed, produced to accepted commercial tolerances.



STANDARD FINISH: Bright Galvanized Steel

OTHER FINISHES & MATERIALS AVAILABLE*: Self-Colored (Plain), Hot-Dip Galvanized, Clear Zinc, Yellow Zinc, Black Zinc, Solid Brass, Bronze, Stainless Steel, Low-Carbon Steel, High-Carbon Steel, Nickel, Polished Brass, Copper Dipped, Aluminum, Powder Coated and a variety of Designer Finishes.

** Not all sizes and types of chain are available in these finishes and materials.*

Packaging Options

Perfection Chain products are available in:

- **Cartons**
- **Reels**
- **Pails**
- **Full Drums and Half Drums**
- **Pallet Boxes**



> Master Packs, Private Labeling and Custom Kits are also available.

Terms & Conditions

TERMS: Credit Card, Check in Advance, United Parcel Service C.O.D., Net 30 Days (with approved credit). Credit application upon request. Past due accounts will be subject to a service charge.

FREIGHT: F.O.B Cullman, Alabama 35058

UPS/FEDEX SHIPMENTS: A handling fee will be added to all UPS/FEDEX charges.

ORDER MINIMUM: \$200

Perfection Chain Products assumes no responsibility for the misuse or misapplication of any of its products, nor accepts any liability for damages which result from the product being used in excess of the working load limit, or from abuse.

Instructions & Cautions

WORKING LOAD LIMITS: The maximum load (in pounds) which should never be applied to chain, even when the chain is new and the load is uniformly applied in direct tension to a straight, untwisted length of chain. The term "working load limit" contains no implication of what load the chain will withstand if any of the above factors are changed.

Any chain can be subject to wear, twisting, misuse, overloading, intentional alteration and corrosion. These and other usage variables may cause a reduction in their working load limits. It is, therefore, important to regularly inspect all products to determine that they are safe for continued use.

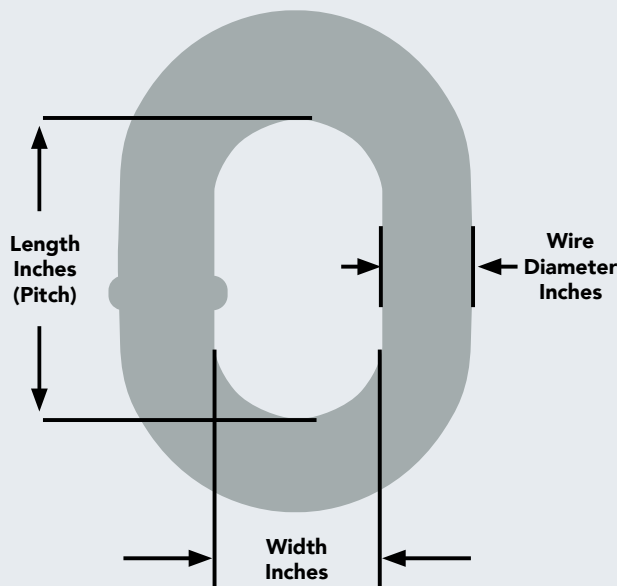


PROOF TEST: The load (in pounds) to which the chain was subjected, in the as-manufactured condition prior to the time it left the factory. Under this test, a load has been applied in direct tension to a straight length of chain with a uniform rate of speed on a standard chain testing machine. The sole purpose of this test is to discover defects in the material or manufacturing process.

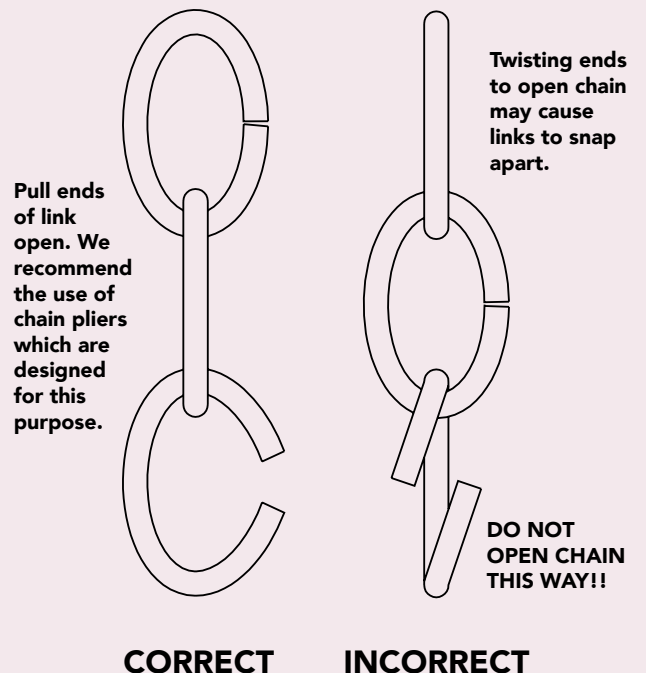
Every foot of Proof Coil (Grade 30), High Test (Grade 43) and Transport (Grade 70) chains are proof tested. Where attachments such as hooks or rings are desired for use with chain in sustaining loads, care should be taken to select the attachments of the type, grade and size compatible with the chain with which the attachments are intended to be used.

GENERAL WARNING: Low and high carbon steel, weldless and welded chain, and accessories made from assorted metals are intended to be used in tension or pull applications and are not to be used for lifting or hoisting purposes or when their failure is likely to cause damage to property or persons. Jerking or acceleration in the rate of application of a load multiplies the stress on the chain very rapidly and should be avoided.

How to Properly Measure Chain



How to Properly Open Deco Chain



NOTE: Chain length should be determined prior to installation of the fixture. It is not recommended to adjust chain height with fixture attached.





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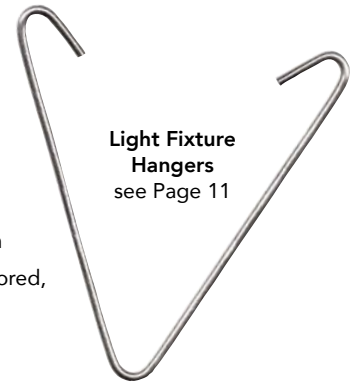


Bright Galvanized (Standard Finish)

Single Jack Chain



Available in Custom Lengths



Light Fixture Hangers see Page 11

Available in Low-Carbon Steel, Stainless Steel, Solid Brass and Aluminum

AVAILABLE FINISHES: Bright Galvanized, Hot-Dip Galvanized, Self-Colored, Clear Zinc, Black Zinc, Nickel, Polished Brass

PACKAGING OPTIONS: Cartons, Reels, Pails, Drums, Pallet Boxes

LOW-CARBON STEEL

Trade Size (Gauge)	Material Size (Inches)	Inside Link Length (Inches)	Approximate Links Per Foot	Weight Per 1 Ft (lbs)	Max. Working Load Limit (lbs)
6	0.192	1.21	9.5	0.29	88
8	0.162	1.09	11	0.21	60
10	0.135	0.95	13	0.15	43
12	0.105	0.75	16	0.09	29
12 LL	0.105	0.89	13.6	0.08	29
14	0.080	0.63	19	0.05	16
16	0.062	0.52	23	0.03	10
18	0.047	0.39	31	0.02	5
20	0.035	0.29	41	0.01	3

Made with thin wire and figure-eight-shaped links, Single Jack Chain is ideal for hanging lighting fixtures, signs and novelties such as flower pots, children's toys and other general utility applications.

SOLID BRASS

Trade Size (Gauge)	Material Size (Inches)	Inside Link Length (Inches)	Approximate Links Per Foot	Weight Per 1 Ft (lbs)	Max. Working Load Limit (lbs)
6	0.192	1.21	9.5	0.28	66
8	0.162	1.09	11	0.22	43
10	0.135	0.95	13	0.16	34
12	0.105	0.75	16	0.09	20
14	0.080	0.63	19	0.05	11
16	0.062	0.52	23	0.03	8
18	0.047	0.39	31	0.02	4
20	0.035	0.29	40	0.01	2



Bright Zinc Plated

STAINLESS STEEL

Trade Size (Gauge)	Material Size (Inches)	Inside Link Length (Inches)	Approximate Links Per Foot	Weight Per 1 Ft (lbs)	Max. Working Load Limit (lbs)
6	0.192	1.21	9.5	0.30	88
8	0.162	1.09	11	0.21	60
10	0.135	0.95	13	0.15	43
12	0.105	0.75	16	0.09	29
14	0.080	0.63	19	0.52	16
16	0.062	0.52	23	0.03	10
18	0.047	0.39	31	0.02	5

WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.



Double Loop Chain



Available in Custom Lengths

Pre-Packaged
Porch Swing
Kits available
with Swing
Bearings
see Page 23



A versatile, general utility chain used in a wide array of applications including porch swings, children's swings, pet chains and light fixtures.

Available in Low-Carbon Steel, Stainless Steel and Solid Brass

AVAILABLE FINISHES: Bright Galvanized, Hot-Dip Galvanized, Self-Colored, Clear Zinc

PACKAGING OPTIONS: Cartons, Reels, Pails, Drums, Pallet Boxes

LOW-CARBON STEEL

Trade Size (Gauge)	Material Size (Inches)	Inside Link Length (Inches)	Approximate Links Per Foot	Weight Per 1 Ft (lbs)	Max. Working Load Limit (lbs)
7	0.047	0.61	20	0.02	30
6	0.054	0.83	14.5	0.03	40
5	0.062	0.92	13	0.04	55
4	0.072	1.00	12	0.05	75
3	0.080	1.14	10.5	0.07	90
3 LL	0.080	1.34	9	0.06	90
3 (1.50)	0.080	1.50	8	0.06	90
2	0.091	1.33	9	0.08	115
2 LL	0.091	2.00	6	0.07	115
1 (1.54)	0.105	1.54	7	0.10	155
1	0.105	1.71	7	0.01	155
1LL	0.105	2.00	6	0.01	155
1/0	0.120	1.78	6.7	0.13	200
1/0 (1.941)	0.120	1.94	6.2	0.13	200
1/0 LL	0.120	2.18	5.5	0.13	200
2/0	0.135	1.82	6.6	0.17	255
2/0 LL	0.135	2.18	5.5	0.16	255
2/0 Ladder	0.135	2.21	5.4	0.16	255
2/0XLL	0.135	2.25	5.3	0.15	255
3/0	0.148	2.18	5.5	0.20	305
4/0	0.162	2.18	5.5	0.25	365
8/0	0.224	2.90	4.1	0.46	705

Bright Galvanized

Self-Colored



WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.



Single Loop Chain



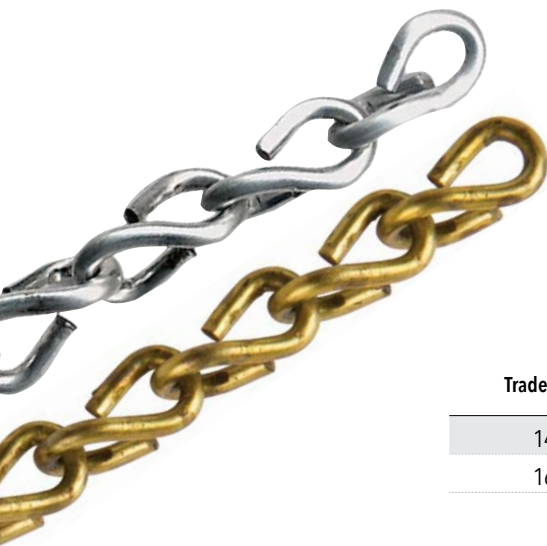
Heavier and stronger than other weldless chain with the same wire diameter. Perfect for pipe suspension, as well as, operating overhead doors and chain wheels for valve control.

Available in Low-Carbon Steel, Stainless Steel and Solid Brass

AVAILABLE FINISHES: Bright Galvanized, Self-Colored

PACKAGING OPTIONS: Cartons, Reels, Pails, Drums, Pallet Boxes

Trade Size	Material Size (Inches)	Inside Link Length (Inches)	Approximate Links Per Foot	Weight Per 1 Ft (lbs)	Max. Working Load Limit (lbs)
#2	0.091	1.10	11	0.10	155
1/0	0.120	1.29	9.3	0.17	265
2/0	0.135	1.47	8.2	0.23	340
3/0	0.146	1.64	7.3	0.28	405
4/0	0.162	1.78	6.7	0.29	485
5/0	0.177	2.15	5.6	0.40	580



Double Jack Chain



Available in Custom Lengths

Double Jack Chain is a general utility chain used in multiple applications where strength is not essential. Applications include hanging signs, lighting fixtures and flower pots.

Available in Low-Carbon Steel and Solid Brass

AVAILABLE FINISHES: Bright Galvanized, Self-Colored, Clear Zinc, Polished Brass

PACKAGING OPTIONS: Cartons, Reels, Drums, Pallet Boxes

Trade Size	Material Size (Inches)	Inside Link Length (Inches)	Approximate Links Per Foot	Weight per 1 Ft (lbs)	Max. Working Load Limit (lbs)
14	0.080	0.43	28	0.06	17
16	0.105	0.52	23	0.04	11

Register Chain



Stronger than Single Jack Chain, Register Chain is a durable chain that can be used in more heavy-duty applications including hanging lighting fixtures and other general utility uses. Register Chain is also ideal for decorative chain curtains.

Available in Low-Carbon Steel

AVAILABLE FINISHES: Bright Galvanized, Self-Colored, Clear Zinc

PACKAGING OPTIONS: Cartons, Reels, Drums, Pallet Boxes

Trade Size	Material Size (Inches)	Inside Link Length (Inches)	Approximate Links Per Foot	Weight Per 1 Ft (lbs)	Max. Working Load Limit (lbs)
10	0.135	1.02	11.8	0.22	83
18	0.047	0.39	30.8	0.03	9

WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.



Fluorescent Fixture Chain*



Manufactured on specialized chain machines and made specifically to hang Fluorescent Fixtures and abide by the code of the CITY OF NEW YORK. Typically sold in standard 1-yard lengths.

Available in Low-Carbon Steel

AVAILABLE FINISHES: Bright Galvanized, Self-Colored

PACKAGING OPTIONS: Cartons, Reels, Drums, Pallet Boxes

Trade Size	Material Size (Inches)	Inside Link Length (Inches)	Approximate Links Per Foot	Weight Per 1 Ft (lbs)	*Max. Working Load Limit (lbs)
1	0.140	2.00	6	0.13	50

*There is no formal Federal Specification for work load limits on Fluorescent Fixture Chain and the information above is only a guide and should not be construed to be regulated specifications. It is clearly understood that Perfection Chain Products does not guarantee the Maximum Working Load Limit stated above.

Fluorescent Light Fixture Hangers



Available in Custom Shapes and Sizes

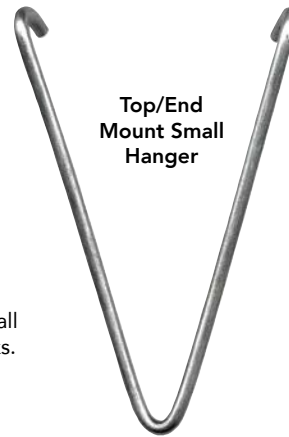
Time-saving Fluorescent Light Fixture Hangers that are easy to install and come in side or top mount and used with our chain and s-hooks.

Available in Low-Carbon Steel

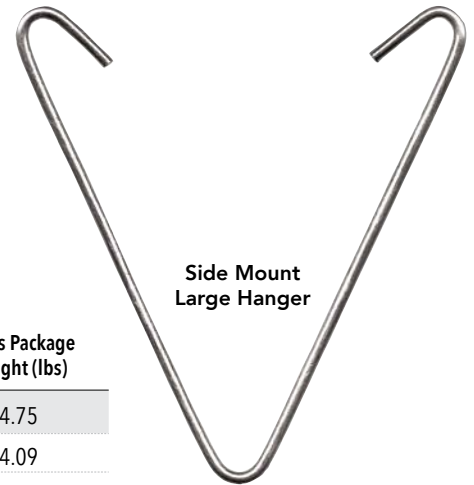
AVAILABLE FINISHES: Bright Galvanized

PACKAGING OPTIONS: Cartons

Description	Size (Inches)	Material Size (Inches)	Finish	Pieces Per Carton	Gross Package Weight (lbs)
Side Mount	4.875" x 5.0"	0.120	Bright Galvanized	100	4.75
Top/End Mount	4.125 x 2.375"	0.135	Bright Galvanized	100	4.09



Top/End Mount Small Hanger



Side Mount Large Hanger



Side Open Chain



Available in Stainless Steel

PACKAGING OPTIONS: Cartons, Reels

Material Size (Inches)	Inside Link Length (Inches)	Approx. Links Per Foot	Weight Per 1 Ft (lbs)
0.041	0.32	38	0.01

Used in applications requiring less durability, Side Open Chain is designed with a series of chain links connected, but not joined at the ends.



WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.



Medium
Antique
Brass



Oval Chain



Perfect for hanging lighting fixtures and other décor, Oval Chain is a strong and versatile decorative chain that is available in a variety of sizes and finishes. Typically sold in standard 1-yard lengths.

Available in Low-Carbon Steel and Solid Brass

AVAILABLE FINISHES: Self-Colored, Clear Zinc, Powder Coated, Designer Finishes (see below)
PACKAGING OPTIONS: Cartons, Reels

Trade Size	Material Size (Inches)	Inside Link Length (Inches)	Approximate Links Per Foot	Weight Per 1 Ft (lbs)
#4	0.224	1.33	9	0.40
#7	0.177	1.31	9	0.24
#8	0.148	1.28	9	0.16
#10	0.120	1.31	9	0.11
#11	0.105	1.30	9	0.08
#10 Small Oval	0.120	0.86	14	0.12
#11 BBO	0.105	0.70	17	0.09
#281	0.120	0.71	17	0.12
#290-5	0.205	1.19	10	0.37
#290-1/4	0.250	1.15	10	0.51

Light
Antique
Brass

Rectangular Chain



Medium Antique Brass



Available in Low-Carbon Steel and Solid Brass

AVAILABLE FINISHES: Bright Galvanized, Self-Colored, Powder Coated, Designer Finishes

PACKAGING OPTIONS: Cartons, Reels

Commonly used in decorative chain applications. The durable, rectangular shapes create a design aesthetic that complements industrial uses.

Trade Size	Material Size (Inches)	Inside Link Length (Inches)	Approximate Links Per Foot	Weight Per 1 Ft (lbs)
#241-SC 5/16	0.313	2.00	6.0	0.72
#241-SC 1/4	0.250	2.10	5.7	0.43
#4 RECT	0.224	2.07	5.8	0.46
#7 RECT	0.177	1.80	6.7	0.22
#727 RECT	0.148	1.32	9.1	0.16
#728 RECT	0.177	1.33	9.1	0.22
#80-SO	0.080	0.52	23.0	0.02
#1804-SO	0.047	0.30	40.5	0.02

Designer Finishes

Our Hal-O Decorative Chain is available in a variety of today's designer finishes to match your style. We also offer several unique custom finishes and can cut your chain to a desired length, giving your hanging fixtures the perfect finishing touch.



Copper Flat
Black Lacquer

Medium
Antique Brass

Mahogany
Bronze

Light Antique
Brass

Polished
Brass

Satin
Nickel

White
Powder Coat

Black
Powder Coat

Stone Age

Actual finish may vary from colors shown above.

WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.



Stamp Sash Chain

TURNER & SEYMOUR



Available in Custom Lengths

Suitable for applications requiring flat metal chain and operation over pulleys such as windows or sashes.

Available in Low-Carbon Steel, Stainless Steel and Bronze

AVAILABLE FINISHES: Self-Colored, Bright Galvanized, Clear Zinc, Yellow Zinc, Black Zinc, Copper Dipped, Polished Brass, Nickel, Passivated

PACKAGING OPTIONS: Cartons, Reels, Drums



LOW-CARBON STEEL

Trade Size	Material Size (Inches)	Inside Link Length (Inches)	Approximate Links Per Foot	Weight Per 1 Ft (lbs)	Max. Working Load Limit (lbs)
#12	0.016	0.21	59.7	0.01	20
#829	0.028	0.57	21.0	0.03	75
#30	0.028	0.56	21.2	0.05	81
#3 (Brass only)	0.035	0.57	21.2	0.07	100
#35	0.035	0.57	21.2	0.06	106
#8	0.035	0.56	21.4	0.04	78
#8B	0.035	0.58	21.2	0.04	65
#25	0.042	0.56	22.0	0.05	94
#40	0.042	0.55	21.5	0.07	131
#45	0.050	0.56	21.8	0.10	175
#50	0.060	0.67	18.2	0.11	225
#60	0.062	0.78	16.7	0.14	231
#65	0.072	0.87	13.7	0.18	319

Plumber's Chain

Available in Custom Lengths



Available in Low-Carbon Steel, Stainless Steel and Solid Brass

AVAILABLE FINISHES: Self-Colored, Bright Galvanized, Clear Zinc, Yellow Zinc, Black Zinc, Copper Dipped, Polished Brass, Nickel, Passivated

PACKAGING OPTIONS: Cartons, Reels, Drums, Pallet Boxes

LOW-CARBON STEEL

Trade Size	Material Size (Inches)	Inside Link Length (Inches)	Approximate Links Per Foot	Weight Per 1 Ft (lbs)	Max. Working Load Limit (lbs)
2/0	0.018	0.46	28	0.02	31
1/0	0.023	0.50	24.7	0.02	40
#1	0.028	0.61	20	0.03	58
#2	0.028	0.69	17.8	0.04	63

Plumber's Chain, also known as safety chain, is a stamped, flat link chain primarily used for plumbing fixtures or as a keeper chain.



WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.





WELDED CHAIN

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Transport Grade 70 Chain.....	17
Mooring Chain	17
Binder Chain.....	18
Clevis Hooks Grade 43	18
Clevis Hooks Grade 70	19
Load Binders	19
Straight Link Coil Chain	20
Twist Link Machine Chain.....	20
Straight Link Machine Chain	21
Passing Link Chain	21
End Weld Chain.....	21



Proof Coil Grade 30



General utility chain used for applications not requiring high-strength characteristics, such as pipeline installation, swings and truck tailgates.

Available in Low-Carbon Steel, Stainless Steel and Solid Brass

AVAILABLE FINISHES: Zinc Plated, Hot-Dip Galvanized, Self-Colored, Yellow Chromate

PACKAGING OPTIONS: Pails, Reels, Full Drums (Pictured), Half Drums



Full Drum

LOW-CARBON STEEL

Trade Size (Inches)	Material Size (Inches)	Inside Link Length (Inches)	Inside Link Width (Inches)	Weight Per 1 Ft (lbs)	Feet Per Half Drum	Feet Per Full Drum	Max. Working Load Limit (lbs)
1/8	0.156	0.94	0.25	0.19	N/A	1500	400
3/16	0.217	0.98	0.39	0.40	500	1000	800
1/4	0.276	1.24	0.50	0.65	400	800	1,300
5/16	0.331	1.29	0.44	0.95	275	550	1,900
3/8	0.394	1.38	0.55	1.40	200	400	2,650
1/2	0.512	1.79	0.72	2.37	100	200	4,500

> Custom lengths available in some sizes and finishes.

High Test Grade 43



High-carbon steel chain that provides higher tensile strength and resistance to wear than general utility low-carbon steel chain. High tensile strength and wear resistance make Grade 43 a better choice for heavy-duty trucking, major construction activities, mining and logging applications.

Available in High-Carbon Steel

AVAILABLE FINISHES: Zinc Plated, Hot-Dip Galvanized, Self-Colored

PACKAGING OPTIONS: Pails, Reels, Full Drums, Half Drums

HIGH-CARBON STEEL

Trade Size (Inches)	Material Size (Inches)	Inside Link Length (Inches)	Inside Link Width (Inches)	Weight Per 1 Ft (lbs)	Feet Per Half Drum	Feet Per Full Drum	Max. Working Load Limit (lbs)
1/4	0.276	1.19	0.40	0.65	400	800	2,600
5/16	0.343	1.24	0.46	1.04	275	550	3,900
3/8	0.406	1.32	0.59	1.40	200	400	5,400
1/2	0.531	1.70	0.76	2.37	100	200	9,200

> Custom lengths available in some sizes and finishes.



Zinc Plated



Self-Colored

WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.



Transport Grade 70



Special high-carbon steel chain with increased hardenability and improved resistance to wear which allows greater practical strength-to-weight ratio. Ideal for truck load securement and for use with towing, construction, logging and farm applications. Chain is embossed at specified intervals with an approved grade indicator.



Grade 70 Binder Chain
see Page 18

Available in High-Carbon Steel

AVAILABLE FINISHES: Yellow Chromate

PACKAGING OPTIONS: Full Drums, Half Drums

Trade Size (Inches)	Material Size (Inches)	Inside Link Length (Inches)	Inside Link Width (Inches)	Weight Per 1 Ft (lbs)	Feet Per Half Drum	Feet Per Full Drum	Max. Working Load Limit (lbs)
1/4	0.281	1.24	0.38	0.65	400	800	3,150
5/16	0.343	1.29	0.44	0.97	275	550	4,700
3/8	0.406	1.38	0.55	1.33	200	400	6,600
1/2	0.531	1.79	0.72	2.37	100	200	11,300



DEPARTMENT OF TRANSPORTATION APPROVED FOR TRUCK TIE-DOWNS USED FOR INTERSTATE TRANSPORT

Mooring Chain



High tensile strength chain for use on general marine construction projects and mooring applications. Hot-Dip Galvanized for maximum wear and corrosion resistance.

Available in High-Carbon Steel

AVAILABLE FINISHES: Hot-Dip Galvanized

PACKAGING OPTIONS: Full Drums, Half Drums

Trade Size (Inches)	Material Size (Inches)	Inside Link Length (Inches)	Inside Link Width (Inches)	Weight Per 1 Ft (lbs)	Feet Per Half Drum	Feet Per Full Drum	Max. Working Load Limit (lbs)
3/8	0.394	1.57	1.45	1.30	200	400	4,050
1/2	0.512	2.04	1.96	2.38	100	200	6,900
5/8	0.630	2.51	2.20	3.34	N/A	150	9,750
3/4	0.787	2.99	2.67	5.31	N/A	100	15,150
1	0.984	4.13	3.54	8.29	N/A	65	23,250



WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.



Binder Chain



Grade 70 Transport Chain equipped with forged clevis grab hooks on each end. High-carbon steel provides maximum durability and strength and the Yellow Chromate finish allows for easy identification. Used for load securement in the trucking industry.



Available in High-Carbon Steel

AVAILABLE FINISHES: Yellow Chromate

PACKAGING OPTIONS: Drums (Standard 20 pieces per Drum)

Trade Size (Inches)	Length	Grade	Finish	Weight Per Piece (lbs)	Max. Working Load Limit (lbs)
5/16	16'	G70	Yellow Chromate	17.63	4,700
5/16	20'	G70	Yellow Chromate	20.30	4,700
5/16	25'	G70	Yellow Chromate	26.69	4,700
3/8	10'	G70	Yellow Chromate	15.53	6,600
3/8	12'	G70	Yellow Chromate	18.48	6,600
3/8	16'	G70	Yellow Chromate	24.20	6,600
3/8	20'	G70	Yellow Chromate	28.60	6,600
3/8	25'	G70	Yellow Chromate	35.20	6,600
1/2	10'	G70	Yellow Chromate	28.38	11,300
1/2	12'	G70	Yellow Chromate	33.37	11,300
1/2	20'	G70	Yellow Chromate	52.58	11,300

> Grade 43 Binder Chains also available in some sizes and finishes.

Grade 43 Clevis Grab Hook



Forged and heat treated for greater strength. For use with Grade 43 High Test Chain.

Available in High-Carbon Steel

AVAILABLE FINISHES: Self-Colored

PACKAGING OPTIONS: Cartons (Standard 10 pieces per Carton)

Trade Size (Inches)	Finish	Weight Per Piece (lbs)	Pieces Per Box	Max. Working Load Limit (lbs)
1/4	Self-Colored	0.40	10	2,600
5/16	Self-Colored	0.79	10	3,900
3/8	Self-Colored	0.99	10	5,400
1/2	Self-Colored	2.09	10	9,200



WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.



Grade 70 Clevis Grab Hook and Clevis Slip Hook

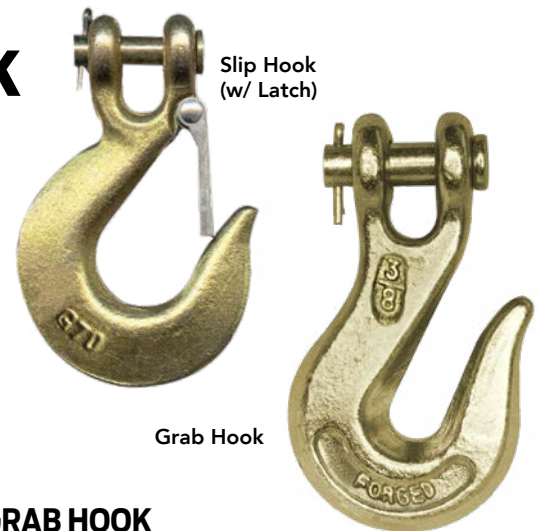


Made of forged carbon steel and heat treated for maximum strength and durability. For use with Grade 70 Transport Chain. Slip Hooks are available with or without latch.

Available in High-Carbon Steel

AVAILABLE FINISHES: Yellow Chromate

PACKAGING OPTIONS: Cartons (Standard 10 pieces per Carton)



Slip Hook (w/ Latch)

Grab Hook

GRADE 70 SLIP HOOK

Trade Size (Inches)	Finish	Weight Per Piece (lbs)	Pieces Per Box	Max. Working Load Limit (lbs)
1/4	Yellow Chromate	0.55	10	3,150
5/16	Yellow Chromate	0.87	10	4,700
3/8	Yellow Chromate	1.25	10	6,600
3/8 (Latch)	Yellow Chromate	1.44	10	6,600
1/2	Yellow Chromate	2.80	10	11,300
1/2 (Latch)	Yellow Chromate	2.88	10	11,300

GRADE 70 GRAB HOOK

Trade Size (Inches)	Finish	Weight Per Piece (lbs)	Pieces Per Box	Max. Working Load Limit (lbs)
1/4	Yellow Chromate	0.40	10	3,150
5/16	Yellow Chromate	0.79	10	4,700
3/8	Yellow Chromate	1.38	10	6,600
1/2	Yellow Chromate	2.31	10	11,300

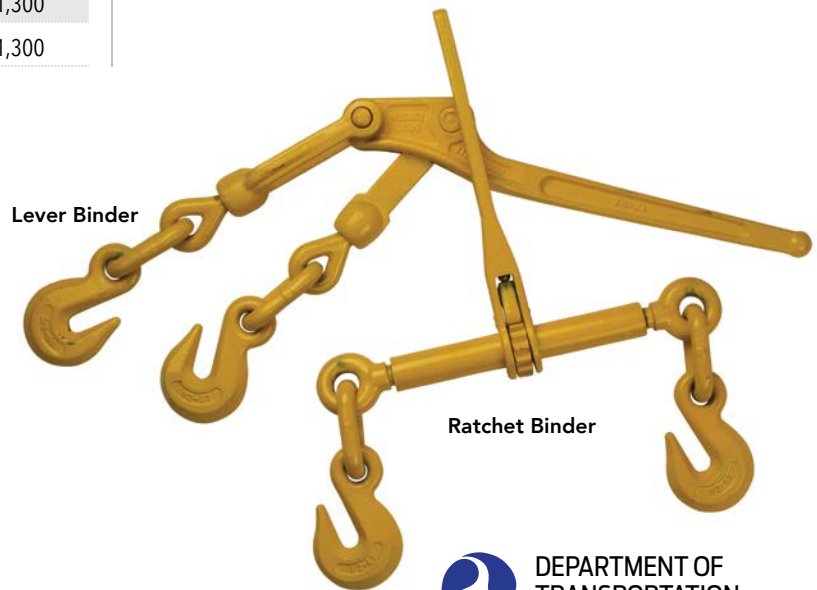
Load Binders



Load Binders are used to tighten and secure cargo in transit. These heavy-duty binders have chain hooks on each end and a handle at the center, which make them ideal for safely hauling large equipment in specific applications including transportation, farming and other industrial uses.

AVAILABLE FINISHES: Yellow Powder Coated

PACKAGING OPTIONS: Cartons



Lever Binder

Ratchet Binder



DEPARTMENT OF TRANSPORTATION APPROVED

LEVER BINDER

Min/Max Chain Size (Inches)	Chain Take-Up (Inches)	Pieces Per Carton	Weight Per Piece (lbs)	Max. Working Load Limit (lbs)
1/4 - 5/16	2.75	5	3.5	2,600
5/16 - 3/8	4.5	5	8	6,600
3/8 - 1/2	4.5	5	12	9,200
1/2 - 5/8	4.75	2	20	13,000

RATCHET BINDER

Min/Max Chain Size (Inches)	Chain Take-Up (Inches)	Pieces Per Carton	Weight Per Piece (lbs)	Max. Working Load Limit (lbs)
1/4 - 5/16	5	5	9	2,600
5/16 - 3/8	6.5	5	22	6,600
3/8 - 1/2	6.5	5	25	9,200
1/2 - 5/8	6.5	2	31	13,000



WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.



Zinc Plated

Self-Colored

Straight Link Coil Chain



Straight Link Coil Chain is a long, narrow, general utility chain used in guard chain applications, farm implementation, tailgates and swings.

Available in Low-Carbon Steel

AVAILABLE FINISHES: Zinc Plated and Self-Colored

PACKAGING OPTIONS: Full Drums, Half Drums, Cartons, Pails, Reels

Trade Size	Material Size (Inches)	Inside Link Length (Inches)	Inside Link Width (Inches)	Weight Per 1 Ft (lbs)	Max. Working Load Limit (lbs)
4	0.120	1.11	0.21	0.10	205
3	0.135	1.17	0.24	0.13	255
2	0.148	1.18	0.26	0.14	310
1/0	0.177	1.25	0.31	0.25	440
2/0	0.192	1.26	0.34	0.27	520
4/0	0.218	1.39	0.38	0.35	670
5/0	0.250	1.52	0.44	0.48	880

Twist Link Machine Chain



Twist Link Machine Chain is designed to lay flat against a surface, making it ideal for tie down applications for welding carts, tailgates and industrial equipment.

Available in Low-Carbon Steel

AVAILABLE FINISHES: Zinc Plated

PACKAGING OPTIONS: Full Drums, Half Drums, Boxes, Reels

Trade Size	Material Size (Inches)	Inside Link Length (Inches)	Inside Width Link/Inches	Weight Per 1 Ft (lbs)	Max. Working Load Limit (lbs)
4	0.120	1.090	0.180	0.10	195
3	0.135	1.140	0.210	0.13	240
2	0.148	1.150	0.220	0.14	295
1/0	0.177	1.220	0.270	0.25	415
2/0	0.192	1.240	0.290	0.27	495
4/0	0.218	1.340	0.330	0.35	635
5/0	0.250	1.470	0.380	0.48	835



WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.



Straight Link Machine Chain



Light-duty industrial chain used in general utility applications including tailgates and barrier guards.

Available in Low-Carbon Steel

AVAILABLE FINISHES: Zinc Plated and Self-Colored

PACKAGING OPTIONS: Full Drums, Half Drums, Pails, Reels

Trade Size	Material Size (Inches)	Inside Link Length (Inches)	Inside Link Width (Inches)	Weight Per 1 Ft (lbs)	Max. Working Load Limit (lbs)
4	0.120	0.550	0.210	0.10	215
3	0.135	0.590	0.240	0.13	270
2	0.148	0.610	0.260	0.14	325
1/0	0.177	0.740	0.310	0.25	465
2/0	0.192	0.780	0.340	0.27	545
4/0	0.218	0.990	0.380	0.35	700
5/0	0.250	1.070	0.440	0.48	925



Self-Colored

Zinc Plated

Wide links allow links to pass freely through each other, preventing knotting or kinking, making it an ideal chain to be used in farming and other industrial applications.



Passing Link Machine Chain



Available in Low-Carbon Steel

AVAILABLE FINISHES: Zinc Plated and Self-Colored

PACKAGING OPTIONS: Full Drums, Half Drums, Cartons, Pails, Reels

Trade Size	Material Size (Inches)	Inside Link Length (Inches)	Outside Link Width (Inches)	Weight Per 1 Ft (lbs)	Max. Working Load Limit (lbs)
2/0	0.192	0.875	0.470	0.33	450

End Weld Chain



Available in Low-Carbon Steel

AVAILABLE FINISHES: Zinc Plated and Self-Colored

PACKAGING OPTIONS: Full Drums, Half Drums, Cartons, Pails, Reels

Trade Size	Material Size (Inches)	Inside Link Length (Inches)	Outside Link Width (Inches)	Weight Per 1 Ft (lbs)	Max. Working Load Limit (lbs)
80	0.080	0.500	0.340	0.05	75
92	0.091	0.750	0.385	0.06	112



No. 92 (Long Link)

No. 80

Light weight chain that is primarily used in agriculture and farming applications, especially poultry feeders and waterers.

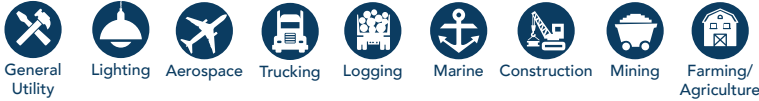


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AIRCRAFT CABLE/WIRE ROPE

Common uses for Aircraft Cable/Wire Rope:



Known for strength and integrity, wire rope uses steel strands for security. The design of wire rope relies on a series of twisted metal strands working together to provide critical durability and security. The overall strength of the wire rope is related to the thickness of the strands and the design of the braid.

Perfection Chain's high strength steel wire rope is sourced from Korea and China and available in a variety of strand and wire configurations and coating options to protect against corrosion, including electroplated, hot-dip galvanized, and vinyl. We also carry uncoated and stainless steel wire rope.



SIZES:

1/16" to 1" Diameter

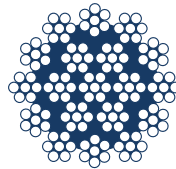
CONSTRUCTIONS:

7x19, 7x7, 6x19

COATINGS:

Uncoated, Electroplated, Hot-Dip Galvanized, Vinyl

NOTE: Coatings and base materials may not be available in all sizes.



7 x 19

7x19 AIRCRAFT CABLE

Product Code	Description	Size	Construction	Finish	Quantity (ft/reel)	Weight (lbs/100 ft)	Breaking Force	Country of Origin
57569	Hot-Dip Galvanized Aircraft Cable	1/8"	7x19	HOT-DIP GALV	5,000	2.9	2,000	KOREA
57365	Electrogalvanized Aircraft Cable	3/16"	7x19	ELECTROGALV	250	6.5	4,200	CHINA
57551	Hot-Dip Galvanized Aircraft Cable	3/16"	7x19	HOT-DIP GALV	5,000	6.5	4,200	CHINA
57570	Hot-Dip Galvanized Aircraft Cable	3/16"	7x19	HOT-DIP GALV	5,000	6.6	4,200	KOREA
55837	Clear Vinyl Coated Aircraft Cable	3/16"-1/4"	7x19	CLEAR VINYL	250	8.0	4,200	CHINA
90017	Clear Vinyl Coated Aircraft Cable	3/16"-1/4"	7x19	CLEAR VINYL	100	8.0	4,200	CHINA
57366	Electrogalvanized Aircraft Cable	1/4"	7x19	ELECTROGALV	250	11.0	7,000	CHINA
57367	Stainless Steel Type 304 Aircraft Cable	1/4"	7x19	STAINLESS 304	250	11.0	7,000	CHINA
57549	Electrogalvanized Aircraft Cable	1/4"	7x19	ELECTROGALV	5,000	11.0	7,000	CHINA
57571	Hot-Dip Galvanized Aircraft Cable	1/4"	7x19	HOT-DIP GALV	5,000	11.0	7,000	KOREA
57368	Electrogalvanized Aircraft Cable	5/16"	7x19	ELECTROGALV	250	17.3	9,800	CHINA
57552	Hot-Dip Galvanized Aircraft Cable	5/16"	7x19	HOT-DIP GALV	5,000	17.3	9,800	CHINA
57572	Hot-Dip Galvanized Aircraft Cable	5/16"	7x19	HOT-DIP GALV	5,000	17.4	9,800	KOREA
57369	Electrogalvanized Aircraft Cable	3/8"	7x19	ELECTROGALV	250	24.3	14,400	CHINA
57550	Electrogalvanized Aircraft Cable	3/8"	7x19	ELECTROGALV	5,000	24.3	14,400	CHINA
57573	Hot-Dip Galvanized Aircraft Cable	3/8"	7x19	HOT-DIP GALV	5,000	24.3	14,400	KOREA

Actual operating loads may vary, but should never exceed the recommended design factor or 20% of Breaking Strength.

WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.

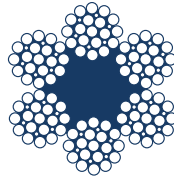


7 x 7

7x7 AIRCRAFT CABLE

Product Code	Description	Size	Construction	Finish	Quantity (ft/reel)	Weight (lbs/100 ft)	Breaking Force	Country of Origin
57363	Electrogalvanized Aircraft Cable	1/16"	7x7	ELECTROGALVANIZED	500	0.75	480	CHINA
90589	Clear Vinyl Coated Aircraft Cable	1/16"-3/32"	7x7	CLEAR VINYL	500	1.0	480	CHINA
90016	Clear Vinyl Coated Aircraft Cable	3/32"-3/16"	7x7	CLEAR VINYL	250	3.1	920	CHINA
57364	Electrogalvanized Aircraft Cable	1/8"	7x7	ELECTROGALVANIZED	500	2.8	1,700	CHINA
57546	Red Vinyl Coated Aircraft Cable	1/8" - 3/16"	7x7	RED VINYL	2,500	3.9	1,700	CHINA
57547	Red Vinyl Coated Aircraft Cable	1/8" - 3/16"	7x7	RED VINYL	2,500	3.9	1,700	KOREA

Actual operating loads may vary, but should never exceed the recommended design factor or 20% of Breaking Strength.



6 x 19

6x19 WIRE ROPE

Product Code	Description	Size	Construction	Finish	Quantity (ft/reel)	Weight (lbs/100 ft)	Breaking Force	Country of Origin
57564	Bright IWRC IPS Wire Rope	3/8"	6x19	BRIGHT IWRC IPS	500	23.5	13,120	CHINA
57574	IWRC EIPS Hot-Dip Galvanized Wire Rope	3/8"	6x19	HOT-DIP GALV	5,000	26.0	15,100	KOREA
57565	Bright IWRC IPS Wire Rope	1/2"	6x19	BRIGHT IWRC IPS	500	41.7	23,000	CHINA
57575	IWRC EIPS Hot-Dip Galvanized Wire Rope	1/2"	6x19	HOT-DIP GALV	5,000	46.2	26,600	KOREA
57566	Bright IWRC IPS Wire Rope	5/8"	6x19	BRIGHT IWRC IPS	500	65.2	35,800	CHINA
57576	IWRC EIPS Hot-Dip Galvanized Wire Rope	5/8"	6x19	HOT-DIP GALV	2,500	72.2	41,200	KOREA
57577	IWRC EIPS Hot-Dip Galvanized Wire Rope	3/4"	6x19	HOT-DIP GALV	2,500	103.9	58,800	KOREA
57578	IWRC EIPS Hot-Dip Galvanized Wire Rope	7/8"	6x19	HOT-DIP GALV	2,500	141.6	79,600	KOREA
57579	IWRC EIPS Hot-Dip Galvanized Wire Rope	1"	6x19	HOT-DIP GALV	2,500	184.8	103,400	KOREA

Actual operating loads may vary, but should never exceed the recommended design factor or 20% of Breaking Strength.



WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.



S-Hooks



PCP can produce hooks from .062" to .375" out of a variety of materials. The hook shape is not limited to the shapes shown on this page. Maximum strength is achieved by closing the hook once attached.

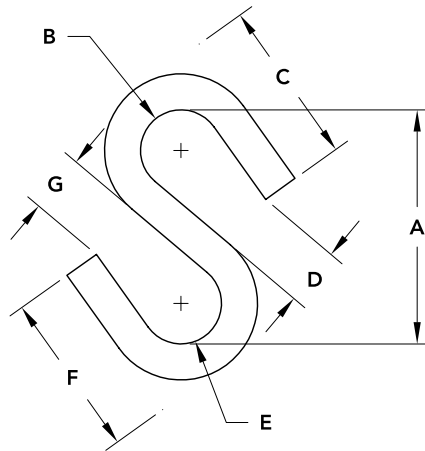
Available in Low-Carbon Steel, Stainless Steel and Solid Brass

AVAILABLE FINISHES:
Bright Galvanized, Zinc Plated, Nickel, Polished Brass

PACKAGING OPTIONS:
Cartons

Custom S-Hooks

For a quoted price on a custom S-Hook, please provide PCP with the measurements and information below. See graphic below for reference.



- 1 Equal or Unequal Eye
- 2 Wire Diameter
- 3 Material
- 4 Inside Length (A)
- 5 Eye Diameter (B)
- 6 Leg Length (C)
- 7 Opening (D)
- 8 Eye Diameter (E)
- 9 Leg Length (F)
- 10 Opening (G)

BRIGHT GALVANIZED STEEL

Product Code	E/U	Wire Size (Inches)	Inside Length (Inches)	Overall Length (Inches)	A-Side (Small Side)			B-Side (Large Side)		
					Eye Dia.	Leg	Opening	Eye Dia.	Leg	Opening
51051E	E	0.105	0.915	1.125	0.313	0.688	0.275	0.313	0.688	0.275
55440	E	0.105	1.000	1.210	0.375	0.672	0.193	0.375	0.672	0.193
51201	E	0.120	0.760	1.000	0.250	0.633	0.225	0.250	0.633	0.225
51351	E	0.135	0.980	1.250	0.375	0.734	0.375	0.734	0.734	0.350
51352	U	0.135	1.605	1.875	0.375	0.906	0.350	0.750	1.084	0.500
51481	U	0.148	1.206	1.502	0.281	0.625	0.188	0.625	0.938	0.375
57167	E	0.146	1.393	1.685	0.508	0.980	0.323	0.508	0.980	0.323
55389	E	0.162	1.295	1.619	0.484	0.950	0.323	0.484	0.950	0.323
51771	E	0.177	1.146	1.500	0.375	0.933	0.350	0.375	0.933	0.350
55387	U	0.188	2.470	2.846	0.715	1.390	0.710	1.032	1.333	1.023
56970	E	0.250	2.000	2.500	0.688	1.375	0.560	0.688	1.375	0.560
53122	E	0.312	2.000	2.624	0.750	1.710	0.430	0.750	1.710	0.430
53753	E	0.375	2.250	3.000	0.600	1.714	0.600	0.750	1.714	0.600

Pin and Screw Anchor Shackles



AVAILABLE FINISHES: Hot-Dip Galvanized
PACKAGING OPTIONS: Cartons

Trade Size	Pin Diameter	Pieces	Carton Pounds	Working Load Limit (Pounds)
5/16"	3/8"	20	3.78	1500
3/8"	7/16"	20	5.76	2000
1/2"	5/8"	20	13.64	4000
5/8"	3/4"	20	27.72	6500
3/4"	7/8"	20	45.60	9500

Pin Anchor Shackle



Shackles are drop forged with a hot-dip galvanized finish.

WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.



Tie Wire



Offers multiple uses from bundling, supporting and hanging. Most popular applications are drop ceilings and reinforcement bar support for concrete.

Available in Low-Carbon Steel

AVAILABLE FINISHES:

Galvanized, Black Annealed

PACKAGING OPTIONS:

Boxes



Gauge	Length Per Roll (Ft)	Finish	Weight Per Roll (lbs)	Weight Per 1 Ft (lbs)	Box Quantity
16.5	400	Galvanized	3.5	0.10	20
16	340	Black Annealed	3.5	0.13	20

Swing Bearings*



Low-Carbon Steel Swing Bearings with heavy-duty nylon bushing, perfect for playsets or porch swings.

AVAILABLE FINISHES: Clear Zinc Plated

PACKAGING OPTIONS: Cartons, Boxes



Product Description	Finish	Dimensions	Weight Per 100 Pieces (lbs)
Wood Screw Swing Bearing Assembly	Clear Zinc Plated	5/16 x 3-1/2"	26

Porch Swing Kits*



Pre-packaged Porch Swing Set Kits consist of two deluxe ceiling hooks and two "Y" type assemblies. Each assembly consists of two 1/0 x 27" Double Loop chains and one 2/0 x 54" chain connected with a 1/4" x 2-1/4" S-Hook.

These products are manufactured using 1026 Steel.

AVAILABLE FINISHES: Bright Galvanized or Stainless Steel

PACKAGING OPTIONS: Pre-packaged in Poly Bags

Product Description	Finish	Weight (Each)	Packaging
Deluxe Porch Swing Set	Bright Galvanized or Stainless Steel	3-1/4 lbs	Poly Bag



*Please see manufacturer's instructions before installing. Intended for residential use only. Do not use on playgrounds or commercial applications. Do not install in live trees. Maximum load limit for the two assemblies holding the swing **MUST NEVER EXCEED 500 LBS.**



WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.



Tie Out Chains*



Pre-packaged steel Tie Out Chain assemblies consist of Double Loop Chain with a Swivel Snap on one end and a Split Ring on the other. Available in multiple chain sizes and lengths.

AVAILABLE FINISHES: Bright Galvanized
PACKAGING OPTIONS: Pre-packaged in Poly Bags



Pre-Packaged in a Poly Bag

Trade Size	Available Length (Feet)	Finish	Packaging
#1	6, 10, 15, 20	Bright Galvanized	Poly Bag
#3	6, 10, 15, 20, 30	Bright Galvanized	Poly Bag
1/0	10, 15, 20, 30	Bright Galvanized	Poly Bag
2/0	6, 10, 15, 20, 30	Bright Galvanized	Poly Bag
3/0	10, 15, 20, 30	Bright Galvanized	Poly Bag

*Intended for dogs only. Do not use with choke-type or adjustable collars. Make sure tie-out is secured in such a way that it cannot become entangled with other objects. Not all dogs can be tied out effectively. Pet parent supervision and judgment is required. Never leave your dog unattended while on a tie-out. Keeping your dog tethered for long periods of time or during extreme weather is never acceptable.

Quick Links



Perfect for quick connections to low-carbon chains. Quick Links should be used with chain or other items with equal or lower working load limits.

AVAILABLE FINISHES: Clear Zinc Plated
PACKAGING OPTIONS: Cartons

Trade Size	Finish	Carton		Max. Working Load Limit (lbs)
		Pieces	Pounds	
1/8	Clear Zinc Plated	20	0.35	220
3/16	Clear Zinc Plated	20	0.88	660
1/4	Clear Zinc Plated	20	1.54	880
5/16	Clear Zinc Plated	20	1.62	1760
3/8	Clear Zinc Plated	20	5.72	2220

Carabiners



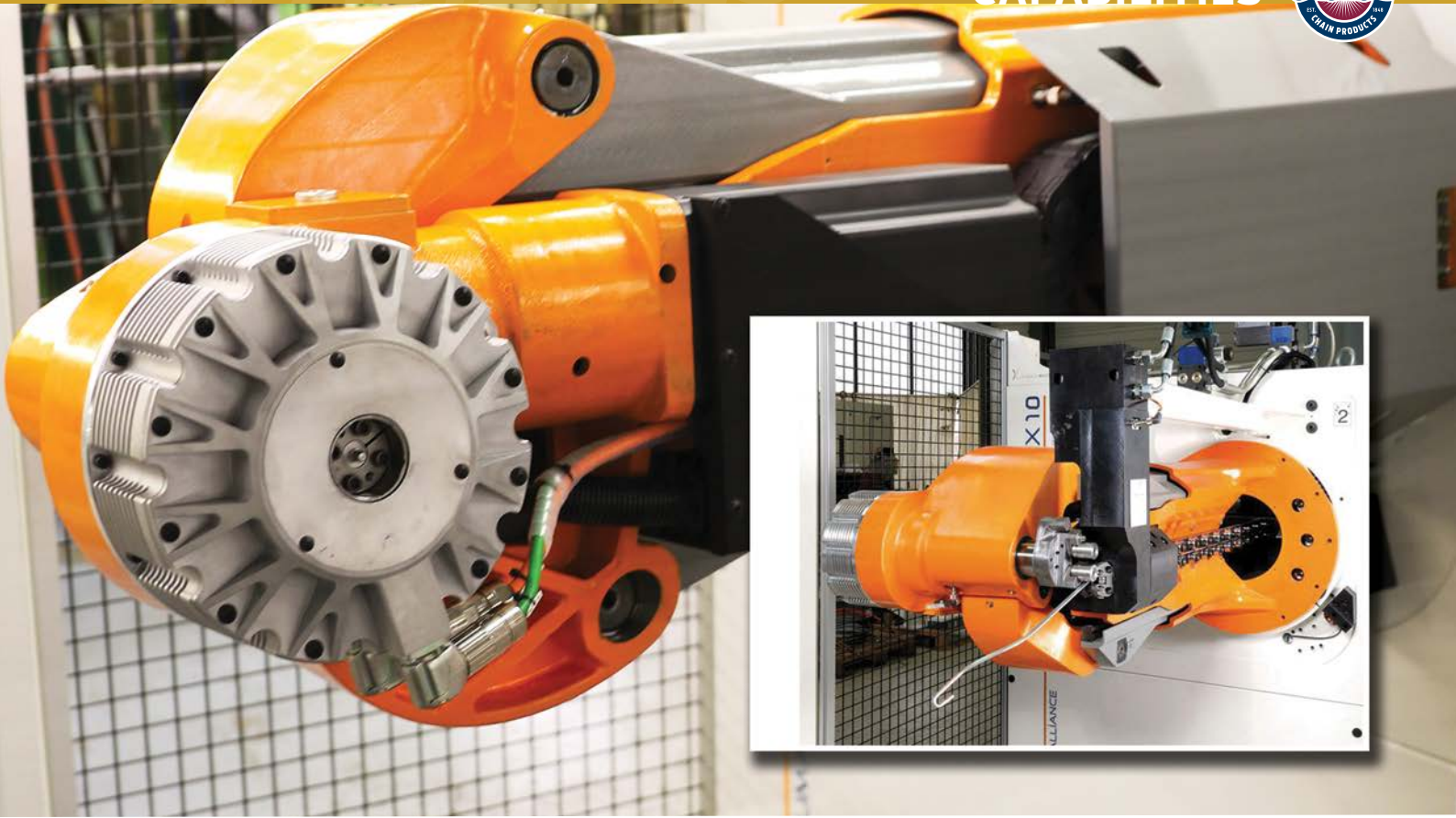
AVAILABLE FINISHES: Clear Zinc Plated
PACKAGING OPTIONS: Cartons

Trade Size	Finish	Overall Length (Inches)	Snap Opening (Inches)	Carton		Max. Working Load Limit (lbs)
				Pieces	Pounds	
3/16	Clear Zinc Plated	2"	1/4"	20	0.70	105
1/4	Clear Zinc Plated	2-5/16"	5/16"	20	1.14	260



Spring loaded snap is quick and easy to connect and disconnect. Perfect for hanging keys or other utility items.

WARNING: Chain and Accessories shown are not to be used for overhead lifting or hoisting applications. Do NOT exceed working load limits.



Custom Wire Forms

With our state-of-the-art CNC and four-slide stamping machinery, our Custom Wire Form capabilities are only limited by your imagination. Whether you are looking for complex, unique or straightforward wire shapes, our machinery can handle both low and high volume orders.

Perfection Chain Products offers a variety of wire form shapes in several different material finishes including bright galvanized steel. Our wire forms can be manufactured by our CNC machine in wire diameters of .120 to .375 or by four-slides with diameters ranging from .062 to .250. Our trained manufacturing staff can help you determine the best design for your need and will get it shipped out in a timely manner. Just send us a sample, print or drawing and we can get you a quote.





Engineered Assemblies

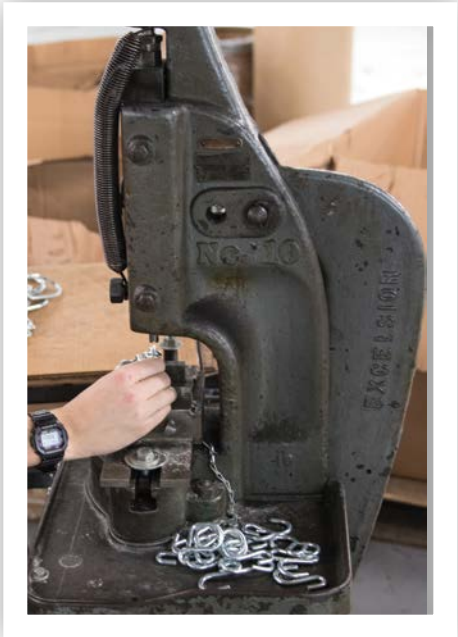
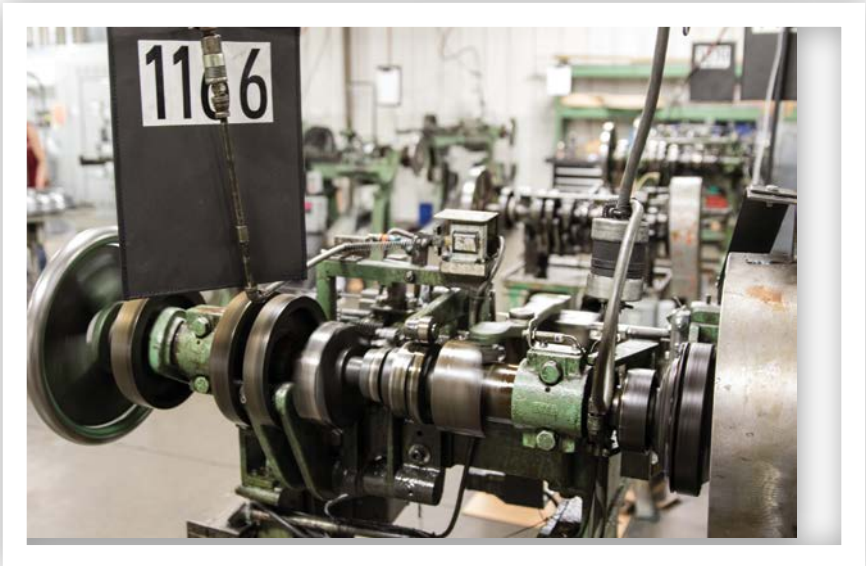
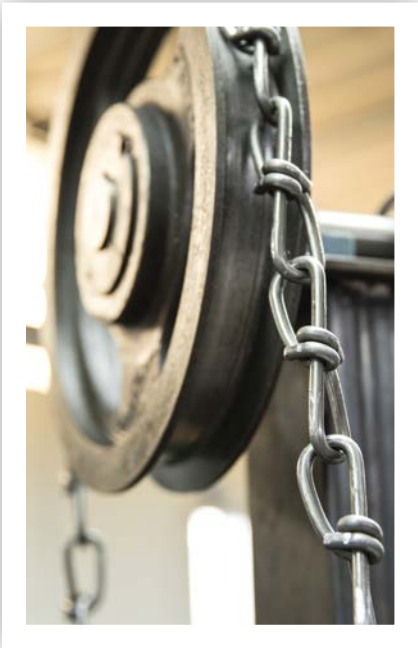
Perfection Chain will cut chain to your length specifications to be supplied in bulk or individual packages. Customers may also specify the addition of rings, hooks, clips or any other accessories required for hanging signs, display pieces or whatever you need.



In-House Plating

Perfection Chain Products manufactures and plates a variety of chain products in one location, saving you costs and providing shorter lead times. The majority of our plating is done in-house, including clear zinc, yellow zinc, black zinc, copper dip and stainless steel passivation. We utilize a continuous plating line that applies the zinc plating and chromate.

Additionally, we have a smaller, continuous line to process the black chromate, yellow chromate as well as the copper dip process. The continuous line is a proprietary method which allows us to plate five strands of chain simultaneously. Our stainless-steel passivation is nitric acid based per AMS 2700, Type 6. For plating requirements beyond our internal capabilities, we have qualified sources to perform this task. Here at Perfection Chain Products, we take pride in our environmentally-friendly practices. We have a closed-loop waste treatment process which allows us to re-use most of the water required in the plating process, and we do not discharge anything into a sewer.





PERFECTION CHAIN PRODUCTS

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