



HangerLoK[®]

one level up

From the people who brought you CLIC in 1984

2014 Product Brochure

MARKETS WE SERVE:

ELECTRICAL CONSTRUCTION AND MAINTENANCE
COMMUNICATIONS [CENTRAL OFFICE, STRUCTURED CABLE, RADIO SYSTEMS]
MECHANICAL PIPING [HIGH TECH COMPLEX PIPING]
PLUMBING SYSTEMS
PEX SYSTEMS

REFRIGERATION
OEM DESIGN
AGRICULTURE AND FOOD PROCESSING
WATER AND WASTE TREATMENT AND ENGINEERING
OVER 32 SUB MARKETS SERVED

Proudly made in the USA

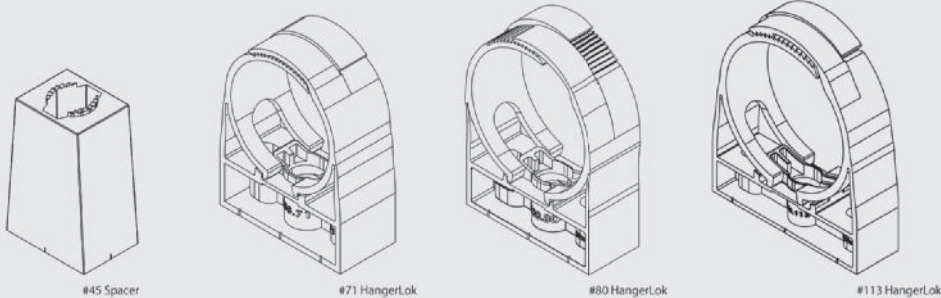
Who We Are

First of all, we are the same people who brought you CLIC in 1984. That was 28 years ago. We are committed to the construction hardware industry. By inventing and producing the new Hangerlok product line, we decided to improve on what we were doing.

The years of selling CLIC and CLIC-X

It was a great product. It became too expensive and complicated to support our customers with the product. Litchfield International resigned the Swiss product line.

"The better way forward."



Hangerlok

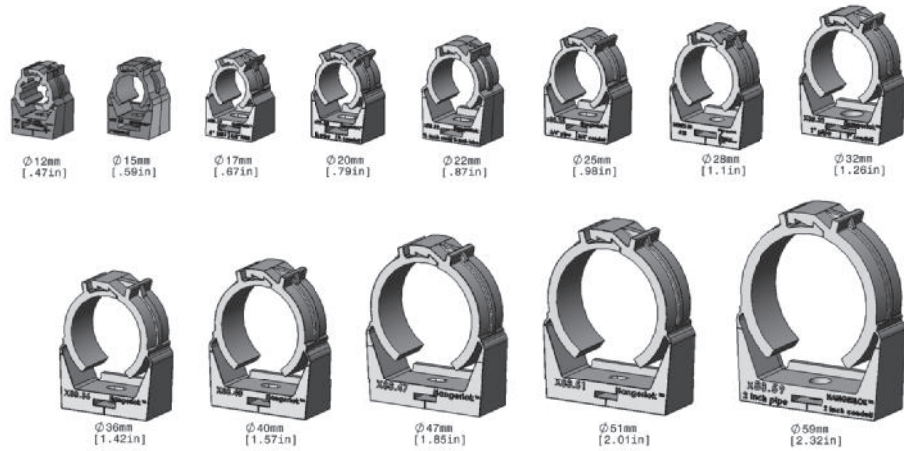
Made to exceed your expectations. Engineered to perform on the job and in design.

Read the specifications and use our design tools to meet your needs. Need to see the new line. Call customer service or fill out the form to receive samples of the sizes important to you or the new LAUNCH KIT.

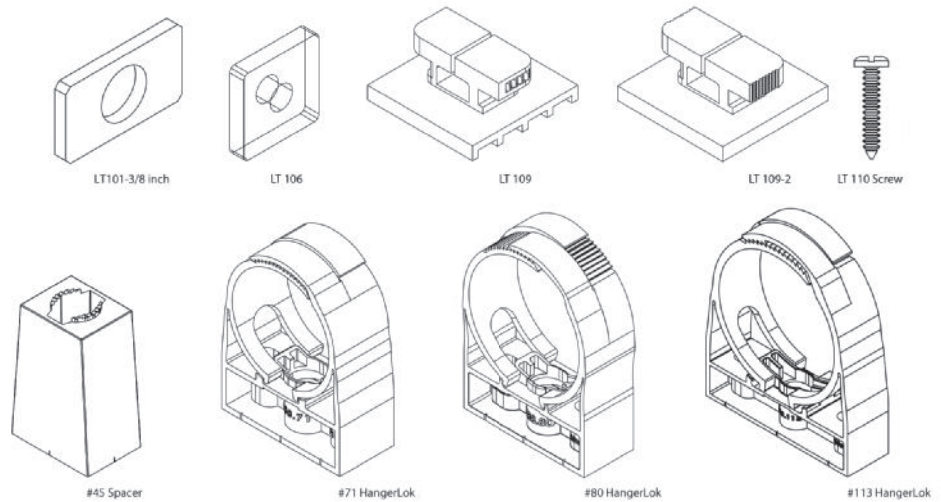
Make the first step to improved profitability and improved means of installing all your cable, conduit, and piping systems.

The Product Line

HangerLok(s)



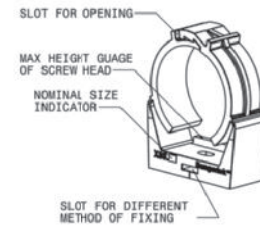
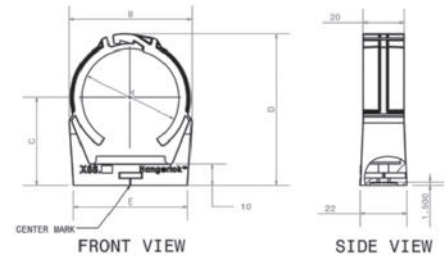
Accessories and Spacers



For complete line, see website.

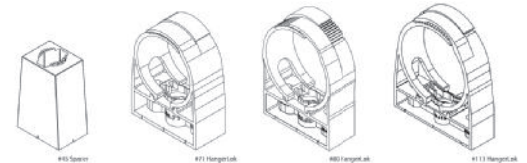
Tables and Charts

A CLAMPING DIAMETER max.	X88 . XX	B max.	C max.	D max.	E
0.374	#8	0.67	0.74	0.74	0.67
0.464	#10	0.67	0.71	0.71	0.67
0.563	#12	0.93	0.72	1.18	0.80
0.661	#15	0.93	0.73	1.20	0.80
0.768	#17	1.06	0.87	1.39	0.69
0.866	#20	1.16	0.93	1.55	0.98
0.898	#22	1.38	0.98	1.61	1.14
1.094	#25	1.41	1.06	1.78	1.20
1.229	#28	1.56	1.13	1.93	1.31
1.398	#32	1.76	1.27	2.14	1.50
1.555	#36	1.93	1.35	2.34	1.65
1.713	#40	2.09	1.43	2.53	1.82
1.988	#47	2.51	1.60	2.87	2.11
2.185	#51	2.64	1.74	3.10	2.31
2.520	#59	3.01	1.91	3.47	2.61



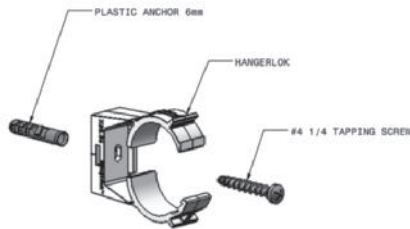
CLAMPING CHART

X88 SERIES	A		B	C	D	E	F	G	H	STATIC LOAD (LBS)	
	Inches	MM								Fy	Fx
71-80	2.80	71	2.85	4.53	3.12	1.57	3.43	2.31	0.61	1800	1000
	3.15	80	3.02	4.90	3.49						
80-90	3.15	80	3.04	4.94	3.53	1.57	3.86	2.51	0.65	2200	1300
	3.54	90	3.54	5.32	3.91						
113-127	4.45	113	4.45	6.54	4.87	1.57	5.47	3.98	0.69	3500	2300
	5.00	127	5.00	7.11	5.57						

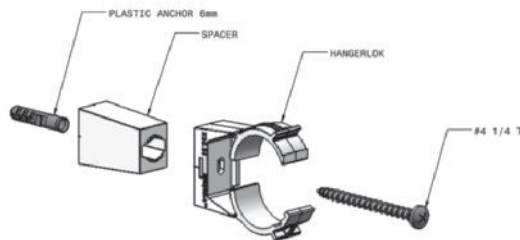


For sizing and applications of conduit, pipe, cable, and tube see hangerlok website. Information is on charts and also on resale sheet #17.

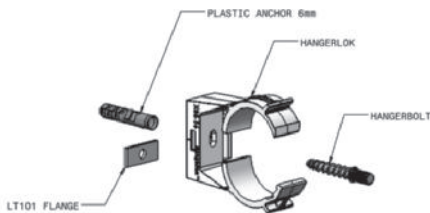
HangerLok Installation Methods



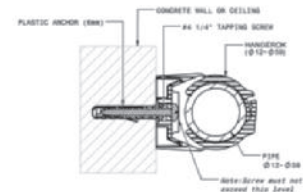
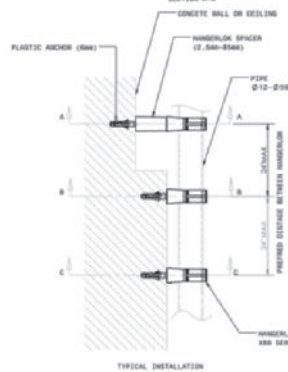
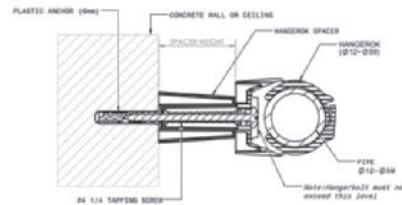
HANGERLOK WITH TAPPING SCREW



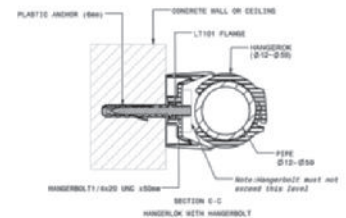
HANGERLOK WITH SPACER



HANGERLOK WITH HANGEBOLT



SECTION B-B
HANGERLOK WITH TAPPING SCREW



SECTION C-C
HANGERLOK WITH HANGEBOLT

Hangerlok products can be used in many installation methods to include:

Surface supports

Threaded rod hangers for use with both 1/4" threaded rod and 3/8 inch threaded rod

Use proprietary flanges:

LT101, LT101-3/8 inch, LT106 [tapped 3/8 inch]

See parts under cut sheet and accessories:

Strut hanger with LT109 and or LT109-2 Strutcatcher products.

Spacer or adjustment hangers:

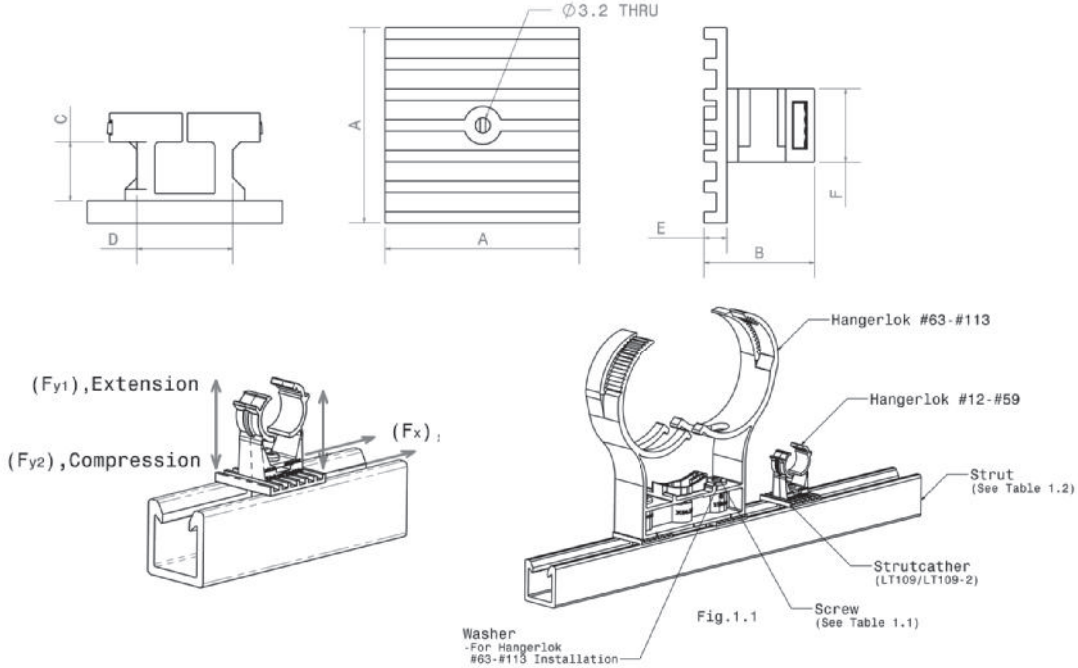
[see spacer assembly drawings and individual spacers]

Fasteners:

Fasteners are decided upon the mounting surface. Hangerlok can be installed on all types of mounting surfaces, wood, concrete, steel, masonry. Hangerlok sizes #8-#59 have a bridge on one side of the base of each unit. Fastener head must be even or below this bridge to allow tubular member to engage the jaws of the product.

Strutcatcher(s)

Strutcatcher	Material	A	B	C	D	E	F	Load to failure at 73°F		
								Fx	Fy1	Fy2
LT109	NYLON 6	41.275	23.330	12.42	20.292	41.813	15.5	390lbs	550lbs	390lbs
LT109-2	NYLON 6	41.275	18.479	7.5	19.952	5	15.5			



Website: www.hangerlok.com



Here is what you can do at the site

New full color page brochure technical drawings and cut sheets option to request all products in several formats:

2D pdf

3D Solidworks Models

[Need the solidworks viewer download]

IGES Format

STEP Format

Markets Served

See the Movies:

- How HangerLok Works
- Strut Prefabrication
- Small HangerLok Installation
- Larger HangerLok Installation
- Build a HangerLok in Solidworks [40 seconds]

How to order and carton quantity Customer service and order entry information

Technical Support

Contact Information

Shipping and Administration

Company History and Management

Who We Are

Retail Price Sheet #17 and Application Chart

HangerLok Launch Kit

Request a HangerLok Welcome Kit

Use the dynamic form for your FREE Kit

Additional Information:

The company will continue to add pertinent product information



CONTACT US AT LITCHFIELD INTERNATIONAL Inc.

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Hangerlok INQUIRIES: info@hangerlok.com

Updated information at www.litchfieldinternational.com



HangerLok[®]

one level up

FROM THE PEOPLE WHO BROUGHT YOU CLIC IN 1984

HangerLok is a registered trademark of
Litchfield International

HangerLok is made in the USA | Material printed in USA

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