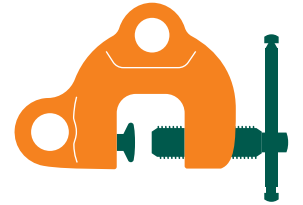
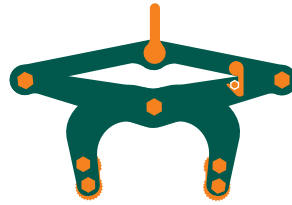
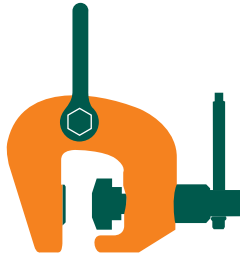
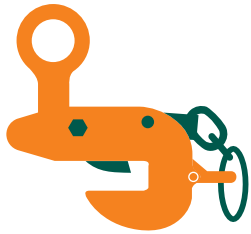
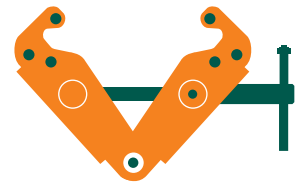
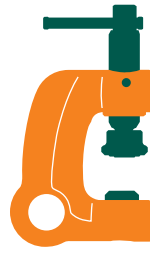
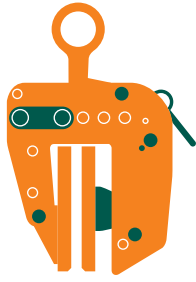
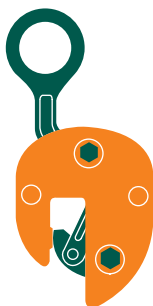
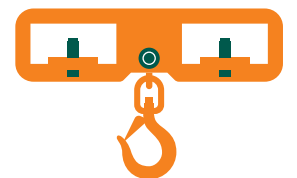
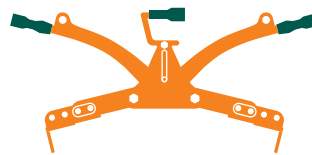
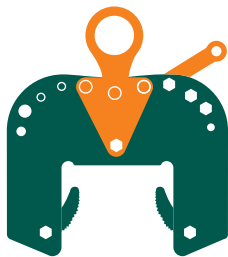


Imperial



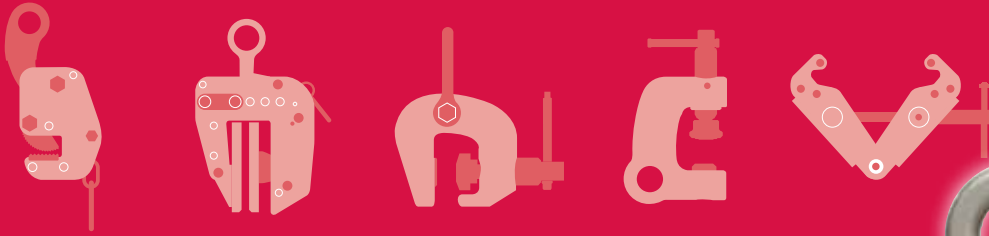
# LIFTING CLAMPS CATALOGUE vol.1



TIGER LIFTING NORTH AMERICA, INC.

SUPER TOOL CO., LTD.

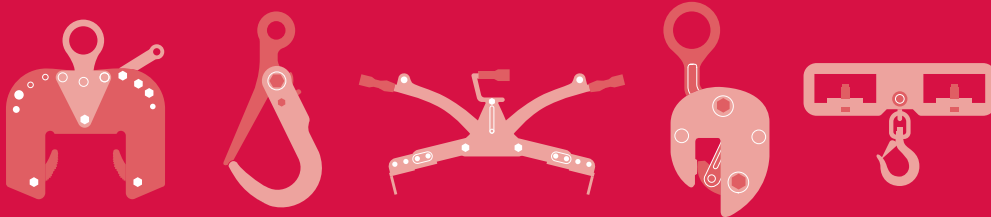
TIGER LIFTING, NORTH AMERICA



Over a Century  
of History



Safety Fostered  
by Our Experience



Super Tool has been producing a wide variety of safety products as a "development-oriented company" to support various industrial fields since the foundation in 1918.

We have steadily worked as a general-tools-manufacturing-company over 100 years, and have been obtaining the trust from many users in a century.

Especially, our lifting clamps are made by the traditional die-forging techniques and are very popular as high quality and durability products in various industrial fields such as steel manufacturing, shipbuilding, machinery, steel frames, bridges, construction, civil engineering, etc.

Furthermore, we have established a system that ensures safe use of our products through the strict internal tests in the manufacturing process and the periodic post-sale check-ups.

We will hear users' voices and try to solve any problems with providing our best quality products and services.

## » The die-forging method to realize strong, safe and secure lifting clamps for steel

Die-forging is a method which consists of beating (hardening) the metal in order to mold it and yield a solid metal. It offers many advantages that cannot be realized by the other methods such as machining or can-manufacturing. \*Except some products

### Specific advantages of die-forging

#### ■ Dense structure with no internal defect

In the die-forging manufacturing method, the metal is compressed in a mold to shape the products. By heating and beating the piece, the bubbles get pressure-bonded and this makes up the defects inside the metal. Thus, the metal crystal structure gets refined and improves the clamps' mechanical characteristics.

#### ■ Metal flow for high resistance of products

With the die-forging method, the crystal structure gets refined and a formation called metal flow in accordance with the product shape is produced. This metal flow has lines looking like tree's growth rings, and these lines improve the metal toughness and shock resistance.



### » Comparison of Metal Flow

#### Die-forging product



Strong, safe and secure due to metal flow which follows the shape

#### Machined product from steel



Metal flow is severed

#### Cast product



No metal flow

## » Five specialties of masters

### » Design



Show the pride as a development-oriented company.

#### Voice of Craftsmen

We manufacture all of our tools from design. We commit to conduct the testing throughout so that we can launch new products to the market with confidence.

### » Mold



Produce product carefully with expert skills.

#### Voice of Craftsmen

We produce products exactly as designed. We carefully manufacture the products with the belief that any deviations of the mold are not tolerated.

### » Die-forging



Craftsmanship in each of our products. Forge the iron tougher.

#### Voice of Craftsmen

Heated iron is repeatedly forged to produce a strong metal flow. We keep on adjusting the hammering method by the burnt color of each piece of steel and strive to produce products with high quality and beautiful appearance.

### » Machining



Produce high precision products.

#### Voice of Craftsmen

This process is required high precision. We use in-house designed jigs to realize efficient and accurate processes. There are many different processing methods and characteristics. We are familiar with processing machinery so that we can judge which method should be applied appropriately and quickly.

### » Quality Assurance



To realize perfect quality.

#### Voice of Craftsmen

We proceed the load test where a load 2 - 3 times heavier than the rated capacity by sampling and check the clamp range for assembly problems. We perform these tests by several staff members.

We provide high quality lifting clamps through the skills of first-class masters.



## HISTORY of CLAMPS

1977

Released series of lifting clamp (vertical clamp, lateral clamp, lifting hook, etc.) for steel.

1979

Production of large special lifting clamps. Released electric coil lifter.

1988

Introduced new models to series of lifting clamp for concrete material.



1991

Released series of lifting clamp for house building.



1992

Released super lock hook.



2000

Released beam clamp.



2007

Released super foot lock and drum lift clamp (vertical lifting).



2008

Released screw cam clamp (universal shackle type) and safety belt clamp (aluminum alloy body).



2010

Added twist cam type to screw cam clamp series.



2012

Released super lock hook (equipped with open/close locking mechanism).



2013

Renewed series of lifting clamp for concrete material.



2022

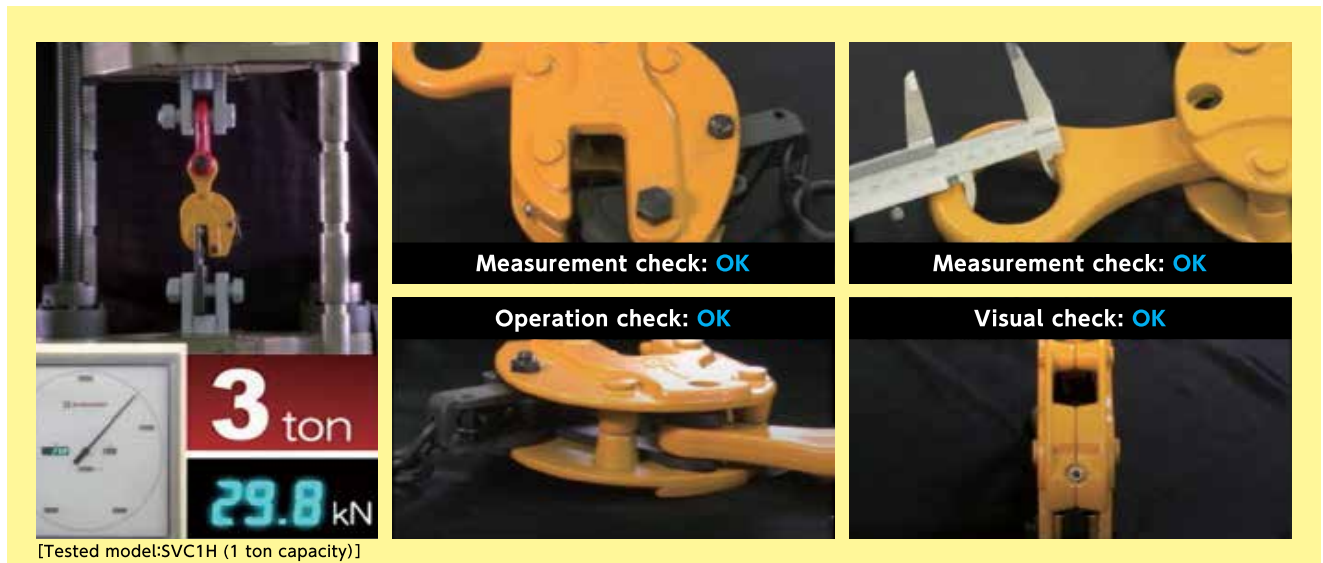
Released screw cam clamp (twist cam with universal shackle type).



## » High functionality and high quality maintained by a quality control management

To materialize functional characteristics focusing on safety, appropriate heat treatment is operated to appropriate materials and high toughness is maintained.

Internal tests are proceeded where a load 2-3 times heavier than the rated capacity is applied to the super clamps.



## » Maintenance and Inspection

### 1.Maintenance

Daily maintenance is important for efficient and safe operation even under the severe use condition and for such purposes, please comply with the followings.

- (1) Designate the use standards and control.
- (2) Keep clamps indoor and do not leave them outdoor.
- (3) Check the followings to maintain in a good condition.
  - (a) Operating condition.
  - (b) Any abrasion, damage, or clogging at teeth of cam and pad.
  - (c) Deformation of main body – at jaw opening in particular.
- (4) Separate conforming clamps and other hazardous items identified during use or inspection and designate the defective sections. Perform maintenance any soon.
- (5) For the storage, place soft material as wooden chip in-between cam and pad to protect the teeth.

### 2.Periodic Inspection

Perform periodic inspection in accordance with the periodic inspection and maintenance standards. Functions and life of clamps may differ in a great degree as they are used in varieties of fields under different conditions of use. Therefore, preparation and practice of effective handling/inspection standards manual by users themselves are recommended. We ask you to establish complete maintenance and control for assurance of safety in reference to our Manufacture's Inspection Standards of our clamp. Clamp is designated for easy replacement of parts and therefore, do not fail to replace defective parts. Also, keeping spare parts at all times is recommended.

# CONTENTS

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- Vertical and Lateral Lifting Clamp
- Vertical Lifting Clamp
- Lateral Lifting Clamp
- Horizontal Lateral Lifting Clamp
- Steel Beam Lifting Clamp
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- Screw Cam Clamp
- Beam Clamp
- Super Foot Lock
- Lifting Hook for Road Decking Panels
- Super Lock Hook
- Drum Lift Clamp
- Lifting Hook for Forklift
- Rail Clamp
- Reinforcing Rod Vertical Lifting Clamp
- Clamp with fall arrest equipment

## P38-46 Lifting Clamps for Concrete Material

- Lifting Clamp for Concrete Material (Cam and Pad Type)
- Lifting Clamp for Concrete Material (Manual/Machine Type)
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- Lifting Clamp Balance Set for Panel/Wooden Beam
- Balance Set
- Balance
- Lifting Clamp for ALC Panel
- Lifting Clamp for Extruded Cement Panel

## P54-56 Appendix

### Product Search

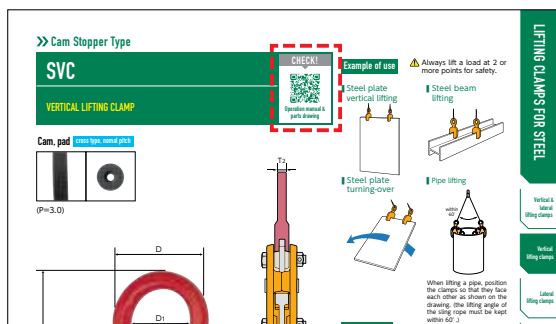
This catalogue is categorized by usage. You can search for your required product at each category. You can also use the index by category displayed at the next page.

### Listed Products

The Products listed in this catalogue are constantly getting improved or upgraded. The products size or specifications can be changed or the products can get discontinued without any prior notice.

### QR Code

All standard products in this catalogue have their QR codes. You can download various data such as operation manuals, product videos and parts drawings by reading a code.



▲ QR code is indicated next to each product name.

Reading



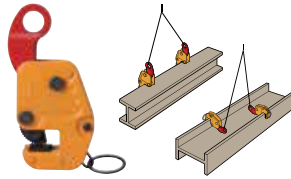
▲ Various data can be downloaded from our website by reading a QR code.

# LIFTING CLAMPS FOR STEEL



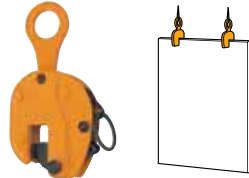
**P.11** GVC-R

VERTICAL & LATERAL LIFTING CLAMP  
(Lock Handle Type)



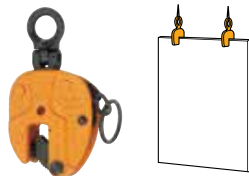
**P.12** SVC-H · SVC-WH · SVC-HN · SVC-WHN

VERTICAL LIFTING CLAMP  
(Lock Handle Type)



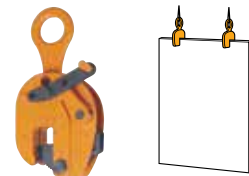
**P.13** SVC-E · SVC-EN

VERTICAL LIFTING CLAMP  
(Lock Handle Type)



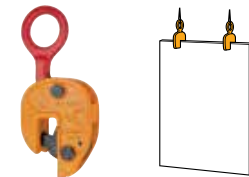
**P.14** SVC-L

VERTICAL LIFTING CLAMP



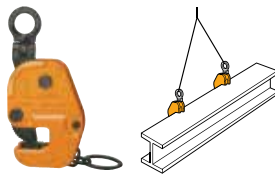
**P.15** SVC

VERTICAL LIFTING CLAMP



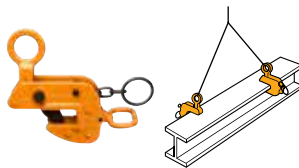
**P.16** GVC-E · GVC-EN

LATERAL LIFTING CLAMP  
(Lock Handle Type)



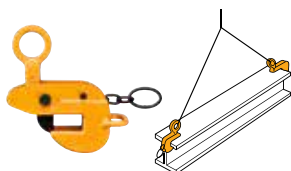
**P.17** HLC-H · HLC-WH · HLC-HN · HLC-WHN

LATERAL LIFTING CLAMP  
(Lock Handle Type)



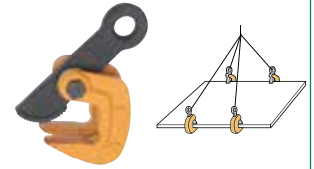
**P.18** HLC-U

LATERAL LIFTING CLAMP



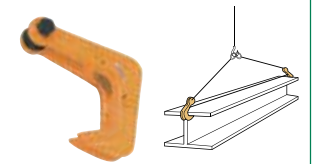
**P.19** HPC-N

HORIZONTAL LIFTING CLAMP



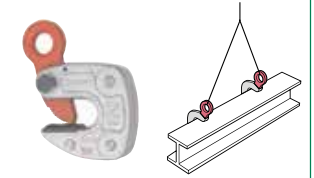
**P.19** HHC

LIFTING HOOK



**P.20** HLC-S · HLC-W

STEEL BEAM LIFTING CLAMP



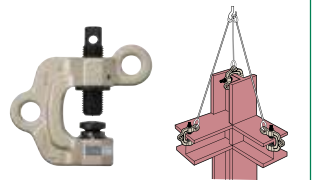
**P.20** LSBN

BALANCE



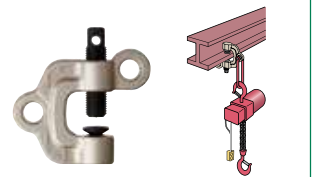
**P.22** SWC-S

SCREW CAM CLAMP  
(Double Eye Type)  
Twist Cam Type PAT.



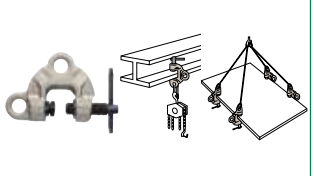
**P.22** SWC-N

SCREW CAM CLAMP  
(Double Eye Type) PAT.



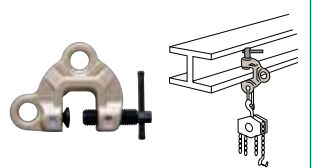
**P.23** SDC-S

SCREW CAM CLAMP  
(Double Eye Type)  
Twist Cam Type PAT.



**P.23** SDC-N · SDC-WN

SCREW CAM CLAMP  
(Double Eye Type)



**P.24** SJC-S

SCREW CAM CLAMP  
(Single Eye Type)  
Twist Cam Type PAT.



**P.24 SJC**

SCREW CAM CLAMP  
(Single Eye Type)



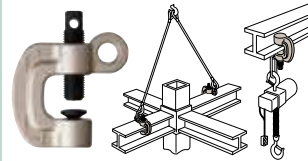
**P.30 SLH3A**

SUPER LOCK HOOK  
(Open / Close Lock Type)



**P.25 SSC-N**

SCREW CAM CLAMP  
(Single Eye Type) PAT.



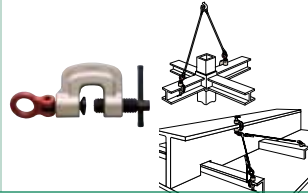
**P.30 SLH3AC**

SUPER LOCK HOOK  
WITH CHAIN SLING  
(Open / Close Lock Type)



**P.25 SUC**

SCREW CAM CLAMP PAT.



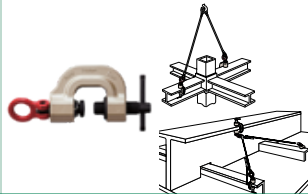
**P.31 SLH-N**

SUPER LOCK HOOK



**P.26 SUC-S**

SCREW CAM CLAMP  
Twist Cam Type PAT.



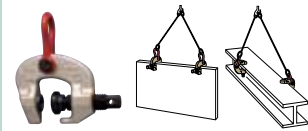
**P.31 SLH-NC**

SUPER LOCK HOOK WITH  
CHAIN SLING



**P.27 SCC • SCC-W**

SCREW CAM CLAMP  
(All-purpose Type)



**P.32 SLH-S**

SUPER LOCK HOOK



**P.28 SBN**

BEAM CLAMP



**P.32 SLH-SC**

SUPER LOCK HOOK  
WITH CHAIN SLING  
(with Swivel)



**P.28 SBN-E**

BEAM CLAMP



**P.32 CSC31**

CHAIN SLING



**P.29 SDH3**

SUPER FOOT LOCK



**P.33 DLC0.5V**

DRUM LIFT CLAMP  
(Vertical Lifting)



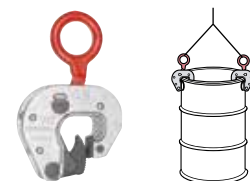
**P.29 FKH1**

LIFTING HOOK



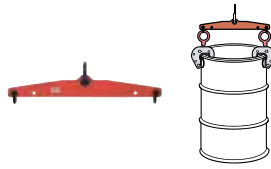
**P.33 DLC0.5**

DRUM LIFT CLAMP



**P.33 DSB1S**

BALANCE FOR DRUM LIFT CLAMP



**P.40 SKC150(M) · SKC250(W) · SKC1250D**

LIFTING CLAMP FOR CONCRETE MATERIAL (Manual / Machine Type)



**P.34 FLH**

LIFTING HOOK FOR FORKLIFT



**P.41 AMC-N**

UNIVERSAL LIFTING CLAMP FOR CONCRETE MATERIAL Adjustable Clamp Range Type (Pad Type)



**P.34 RGC**

RAIL CLAMP



**P.41 LSB2H**

BALANCE (With Upper Wire Rope and Ring)



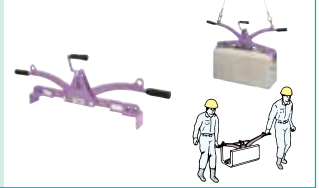
**P.35 TVC1**

REINFORCING ROD VERTICAL LIFTING CLAMP



**P.42 UGC-M**

UNIVERSAL LIFTING CLAMP FOR CONCRETE MATERIAL (Adjustable Clamp Range Type)



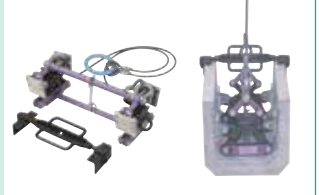
**P.35 TVC1L**

REINFORCING ROD VERTICAL LIFTING CLAMP



**P.43 BUC240N**

INTERNAL EXPANDING LIFTING CLAMP FOR U SHAPED GUTTER (Pad Type with Wire Rope and Ring)



**P.36 SSCC130**

CLAMP WITH FALL ARREST EQUIPMENT

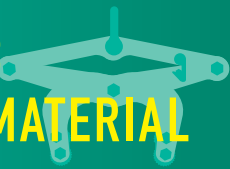


**P.44 BUC1000A**

AUTOMATIC INTERNAL EXPANDING LIFTING CLAMP FOR U SHAPED GUTTER (Pad Type with Wire Rope and Ring)



**LIFTING CLAMPS FOR CONCRETE MATERIAL**



**P.45 KBC500WH**

BATCH LIFTING CLAMP FOR BANK BLOCK (with Wire Rope and Ring)



**P.39 CGC**

LIFTING CLAMP FOR CONCRETE MATERIAL (Cam Type)



**P.46 KBC500WA**

AUTOMATIC BATCH LIFTING CLAMP FOR BANK BLOCK (with Wire Rope and Ring)



**P.39 CGC-N**

LIFTING CLAMP FOR CONCRETE MATERIAL (Pad Type)



**LIFTING CLAMPS FOR HOUSING**





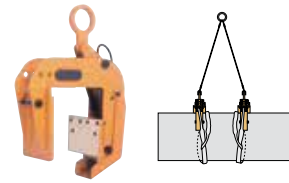
**P.48 PTC100**

LIFTING CLAMP FOR FORMWORK / PANEL (Ultra-light-weight and Compact Type)



**P.52 PAC260**

LIFTING CLAMP FOR ALC PANEL



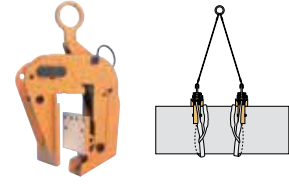
**P.48 PTC150**

LIFTING CLAMP FOR PANEL / BEAM (Wide Type)



**P.52 PSC260**

LIFTING CLAMP FOR EXTRUDED CEMENT PANEL



**P.49 PTC200**

LIFTING CLAMP FOR 2 x 4 PANEL (Wide Type)



**P.52 UGC200W**

HORIZONTAL LIFTING CLAMP FOR ALC PANEL



**P.49 PTC250**

LIFTING CLAMP FOR PANEL / BEAM (Super Wide Type)



**P.50 PSC100**

LIFTING CLAMP FOR PANEL (Ultra-light-weight and Compact Type)



**P.50 BLC200**

LIFTING CLAMP FOR WOODEN BEAM (Double Cam Type)



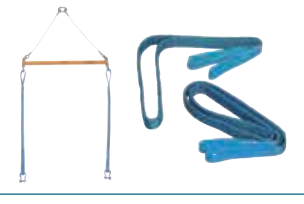
**P.51 PTC-S · PSC-S · BLC-S**

LIFTING CLAMP BALANCE SET FOR PANEL / WOODEN BEAM



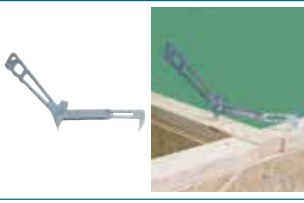
**P.51 PSB · PSBSL**

2-POINT LIFTING BALANCE SLING BELT FOR BALANCE



**P.51 PTP200**

PANEL PULLER (Panel Pulling Tool)



# » SAFE AND CORRECT USE FOR ALL TOOLS

Supertool is constantly working on the improvement of its products quality and safety, to increase the customer satisfaction. Before using Supertool products, never fail to read the following cautions as well as the cautions in the pages by category, for a longer and safer use.

Lifting clamps are very convenient tools for slinging operations, but incorrect use can lead to major accident involving serious to fatal injuries. Before use, never fail to read the operation manual and use the lifting clamp safely in the proper manner. Furthermore, the followings items of warning are common to all lifting clamp models. Make sure to respect them as well.

## WARNINGS (COMMON FOR ALL MODELS) "SAFETY ITEMS FOR LIFTING CLAMP HANDLING"

- Always be sure that slinging operations are carried out only by qualified persons.
- Use the appropriate model for the application.
- Always use within the allowable rated capacity.
- Always make sure that the plate thickness is within the clamping range of the lifting clamp.
- Always insert the load completely.
- Before use, always inspect the cam and pad teeth to check if they are clogged or worn and confirm that each part of the clamp has no abnormality.
- Never use a lifting clamp having any deformation, cracks, abrasion or malfunction.
- Lubricate periodically the moving parts and check that there is no oil on the surface of the cam and pad teeth.
- Operate daily and periodical inspections to check for abnormalities with the operation of each part of the lifting clamp according to the inspection standards of the operation manual.
- Never make any modification on the lifting clamp. Heating or processing can significantly reduce the lifting clamp quality (strength).
- Never use other parts than Supertool original parts.
- Never proceed lifting of several plates or stacked plates, or lifting by the sides of a plate.
- When there is oil, painting, rust or scale on the load, make sure to always remove it before lifting.
- As a safety rule, use 2 or more lifting clamps to avoid unbalanced load.
- When lifting at 2 points, always lift the load vertically with a balance.
- Make sure to read carefully the "Selection standards for 2-point lifting" (P.54) and the "Lifting angle and rated load of wire rope" (P.55).
- Never lift with 2 lifting clamps and 1 wire rope (except for lifting hooks).
- Never lift a load out of the center of gravity. And always check the clamping condition before lifting.
- Never enter the area where there is a risk that the lifted load drops or topples down.
- Never give an impact to the lifted load or the lifting clamp.
- Never move or stop the load briskly.
- Never use in dangerous conditions such as strong wind.
- When landing the load, never land it on an unstable place.
- Never use a lifting clamp with a hydraulic shovel.
- Never use in crane operation that drags the load.

## WARNINGS FOR LIFTING CLAMPS FOR STEEL

- Never use for material other than steel.
- Never use for lifting load with high hardness (30HRC or higher).
- Never lift vertically material with tapered edge on the lifting direction.
- Never lift vertically by clamping the sides of the load.
- Never lift vertically 2 or more stacked plates.
- When there is rust, oil, painting, rust or any other foreign matter on the load, make sure to always remove it before lifting.

## WARNINGS FOR LIFTING CLAMPS FOR CONCRETE MATERIAL

- Never use for material other than concrete.
- Never use for lifting or pulling out U shaped gutter or other concrete material that are buried in the ground.
- In principle, the lifting must be vertical lifting. Never operate lateral pulling.
- Never lift uncured concrete material (that is not completely hardened).
- When there is water, oil, sand, or any other matter on the cam, the pad or the concrete material (the load), the clamp may slip. Always make sure to remove the matter before lifting.
- Never lift more that one concrete material at the same time.

## WARNINGS FOR LIFTING CLAMPS FOR HOUSING

- These clamps are dedicated for lifting panels and wooden beams for housing use. Never lift concrete materials, tile plates, glass plates, stone plates, metal plates or other.
- Never lift panel with no structure that are breakable.
- Never lift fixed panel.
- In principle, the lifting must be vertical lifting. Never operate lateral pulling.
- Never lift stacked panels.

# LIFTING CLAMPS FOR STEEL



**P.11**  
Vertical & lateral lifting clamps



**P.12**  
Vertical lifting clamps



**P.16**  
Lateral lifting clamps



**P.19**  
Horizontal lifting clamps



**P.20**  
Steel beam lifting clamps



**P.22**  
Screw cam clamps



**P.28**  
Beam clamps



**P.29**  
Super foot locks, lifting hooks



**P.30**  
Super lock hooks



**P.33**  
Drum lift clamps



**P.34**  
Lifting hooks for forklift, rail clamps



**P.35**  
Reinforcing rod vertical lifting clamps



**P.36**  
Clamp with fall arrest equipment

# LIFTING CLAMPS FOR STEEL

CLAMP USE CHART

○ Compliant item ▲ Item that can be used

		GVC-R	SVC-(H/HN/WH/WHN/E/EN/L)	GVC-(E/EN)	HLC-(H/HN/WH/WHN)	HLC-U	HPC-N	HLC-(S/W)	HHC	SWC-(S/N)	SDC-(S/N/WN)	SJC-(S)	SSC-N	SUC-(S)	SCC--W				
Page number		P11	P12~15	P16	P17	P18	P19	P20	P19	P22	P23	P24	P25	P25~26	P27				
Usage	Lifting	Vertical lifting	○	○						○	○					○			
		Lateral lifting	○		○	○	○	○	○	○	○	○	○	○	○	○	▲		
	Steel plate turning-over		○							○	○								
	Steel beam turning-over	○	○	○	○	○		○		○	○	○			○	▲			
	Horizontal pulling									○	○	○	○	○	○	○			
	Hoist, chain block hanging										○	○	○	○	○	○			
Work	Steel plate (vertical lifting)		○	○							○	○					○		
	Steel plate (lateral lifting)		○		○	○	○	○		○	○	○	○	○	○	○	▲		
	Horizontal lateral lifting clamps, lifting hooks		○																
	*Check carefully the sling rope lifting angle during lifting. The clamp cannot be used if the lifting angle exceeds the limit mentioned in the operation manual available on our website.																		
	Steel beam lifting clamps, balance		○	○							○	○						○	
	Screw cam clamps	H shaped steel beam		○		○	○	○	○	○	○	○	○	○	○	○	○	○	▲
		Beam clamps		○		○	○	○	○	○			○	○	○	○	○		
	*Check carefully the sling rope lifting angle during lifting. The clamp cannot be used if the lifting angle exceeds the limit mentioned in the operation manual available on our website.																		
	Super foot locks, lifting hooks	Work		○		○	○	○	○									○	
		Super lock hooks		○		○	○	○	○	○	○	○	○	○	○	○	○	○	▲
	Drum lift clamps	U shaped steel beam		○		○	○	○	○	○	○	○	○	○	○	○	○	○	▲
		Angle steel beam		○		○	○	○	○	○			○	○	○	○	○	○	▲
	*Check carefully the sling rope lifting angle during lifting. The clamp cannot be used if the lifting angle exceeds the limit mentioned in the operation manual available on our website.																		
Lifting hooks for forklift, rail clamps	Pipe (vertical lifting)			○							○	○					○		
	Reinforcing rod vertical lifting clamps									○	○	○	○	○	○	○	○	▲	

Note 1 : For the steel beam, the longer side must be in horizontal position.  
 Note 2 : For the ▲ marks (item that can be used), please refer to the operation manual.  
 Note 3 : For details, please refer to the operation manual of each clamp, available on our website.

» Multi-use Type

# GVC-R

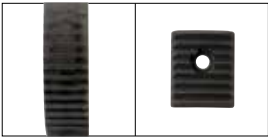
VERTICAL & LATERAL LIFTING CLAMP (Lock Handle Type)

CHECK!

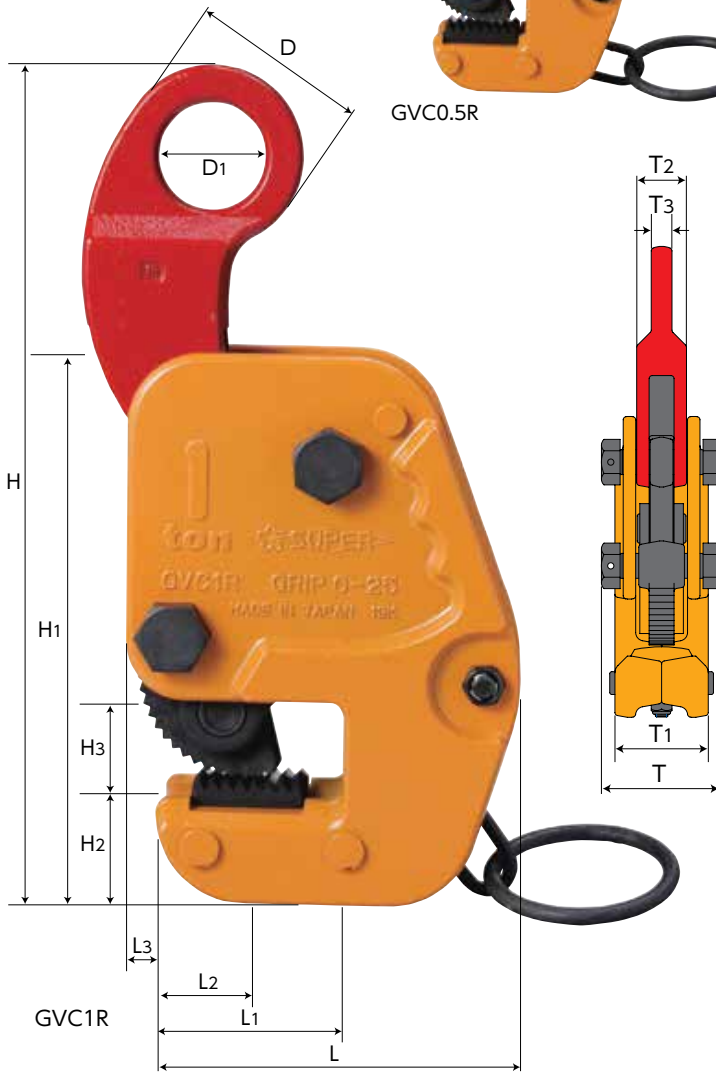


Operation manual & parts drawing

Cam, pad line type



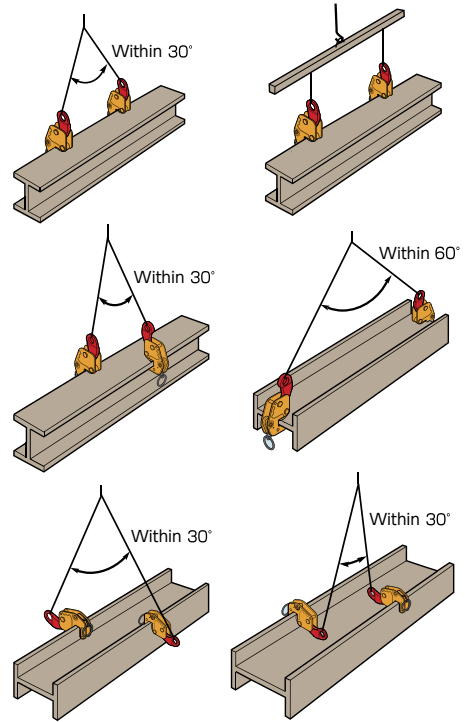
GVC0.5R



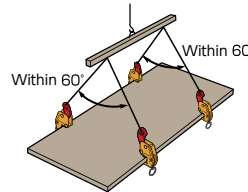
Example of use

⚠ Always lift a load at 2 or more points for safety.

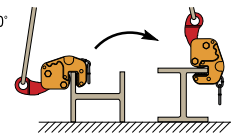
Steel beam lifting



Steel plate lifting



Steel beam turning-over



Features

- Not only suitable for H shaped and I shaped steel beams, but enables also stable lifting operation for steel plates.
- The spring-type tightening lock mechanism assures a positive initial clamp force.
- Can be used for both vertical and lateral lifting. The line-type cam brings a sure grip.
- GVC0.5R can be used also for steel beam with 3.94in wide flanges.

Tightening lock mechanism

When you pull downward the lock handle, the lock gets set and the clamp grips firmly the workpiece. This lock is very safe and even if the sling rope loosens, or if a shock occurs, the clamp will not come off.

Releasing lock mechanism

When you pull upward the lock handle, the lock gets released. Never attempt a lifting operation in this state. It would be dangerous as the tightening would be insufficient.

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)														N.W. (lb)
			L	L1	L2	L3	H(MAX)	H1	H2	H3	D	D1	T	T1	T2	T3	
GVC0.5R	0.5	0.00~0.79	4.06	1.85	0.83	0.24	9.02	5.71	1.34	0.91	2.05	1.18	2.17	1.77	0.94	0.39	5.73
GVC1R	1	0.00~0.98	5.12	2.44	1.02	0.39	10.94	7.20	1.57	1.10	2.36	1.38	2.52	2.05	1.14	0.47	9.92

★ Parts drawings and operation manuals can be downloaded from our website.  
● For all the appendix, please refer to P.54 ~56



» Conventional Model for Vertical Lifting

SVC-H · SVC-WH · SVC-HN · SVC-WHN

VERTICAL LIFTING CLAMP (Lock Handle Type)

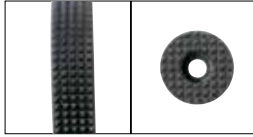
CHECK!



Operation manual & parts drawing

SVC0.5H~5WH

Cam, pad cross type, normal pitch



(P=0.12)

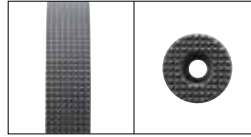
SVC7H~10WH

Cam, pad line type



SVC-HN · SVC-WHN

Cam, pad cross type, fine pitch

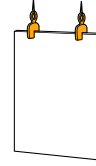


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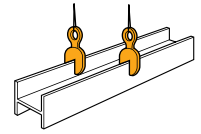
Example of use

Always lift a load at 2 or more points for safety.

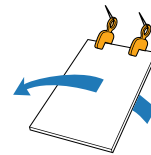
Steel plate vertical lifting



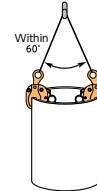
Steel beam lifting



Steel plate turning-over



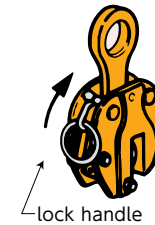
Pipe lifting



When lifting a pipe, position the clamps so that they face each other as shown on the drawing. (the lifting angle of the sling rope must be kept within 60°.)

Features

- Including a releasing lock pin for 7 & 10 ton.
- Standard clamp for vertical lifting of steel plates and other steel structures.
- (SVC-HN · SVC-WHN) The Cam & Pad is designed for less biting marks on the load with the fine pitch cross pattern.



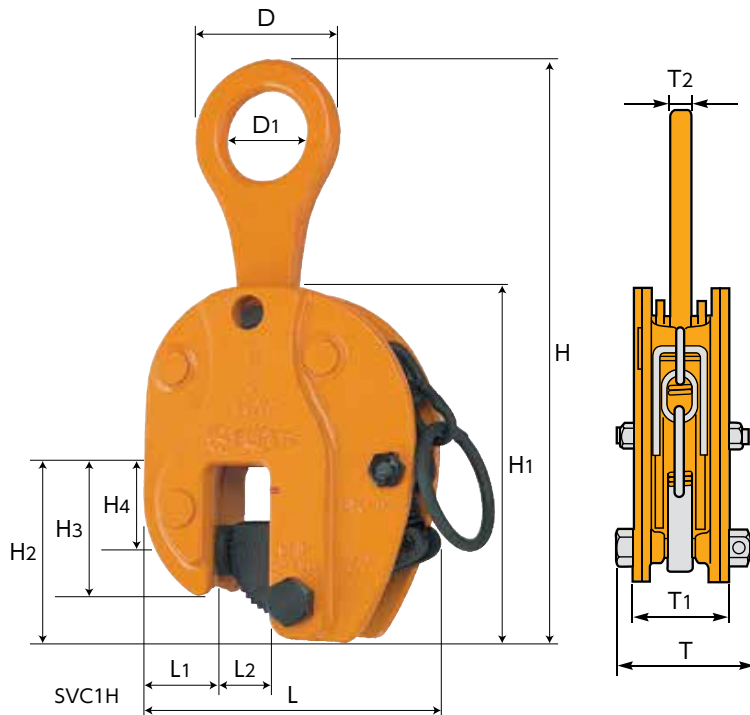
Tightening lock mechanism

When you pull upward the lock handle, the lock gets set and the clamp grips firmly the load. This lock is very safe and even if the sling rope loosens, or if a shock occurs, the clamp will not come off.



Releasing lock mechanism

When you pull downward the lock handle, the lock gets released. Never attempt a lifting operation in this state. It would be dangerous as the tightening would be insufficient.



Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)													N.W. (lb)
			L	L1	L2	H(MAX)	H1	H2	H3	H4	D	D1	T	T1	T2	
SVC0.5H	0.5	0.00~0.75	5.16	1.42	1.02	9.84	6.22	3.15	2.36	1.42	2.52	1.42	2.64	1.93	0.47	6.61
SVC1H	1	0.00~0.98	5.98	1.65	1.26	12.20	7.28	3.54	2.72	1.77	3.35	1.89	3.19	2.32	0.63	13.23
*SVC1WH	1	0.00~1.57	6.50	1.69	1.73	14.17	8.86	4.09	2.76	1.77	3.35	1.89	2.83	2.09	0.63	13.67
SVC2H	2	0.00~1.18	6.77	1.89	1.54	14.76	8.27	3.94	3.03	1.85	4.17	2.36	3.82	2.80	0.71	23.15
SVC3H	3	0.00~1.38	7.17	2.01	1.65	15.94	8.86	4.13	3.19	1.85	4.61	2.60	4.02	2.95	0.79	27.56
*SVC3WH	3	0.98~2.36	8.35	2.20	2.64	17.01	9.96	4.84	3.90	2.56	4.61	2.60	4.02	2.95	0.79	33.07
*SVC5H	5	0.00~1.57	8.66	2.58	1.95	17.91	10.24	4.72	3.74	1.93	5.83	3.31	4.80	3.62	0.87	47.40
*SVC5WH	5	0.98~2.56	9.65	2.58	2.93	19.09	11.22	5.55	4.57	2.76	5.83	3.31	4.80	3.62	0.87	55.12
*SVC7H	7	0.39~2.76	13.39	3.94	2.95	24.21	15.83	7.68	5.71	3.15	4.72	2.36	5.87	3.74	0.98	94.80
*SVC7WH	7	1.18~3.54	14.17	3.94	3.74	24.21	15.83	7.68	5.71	3.15	4.72	2.36	5.87	3.74	0.98	99.21
*SVC10H	10	0.79~3.15	14.17	3.94	3.35	25.39	16.22	8.07	5.71	3.15	5.12	2.56	6.97	4.57	1.26	123.46
*SVC10WH	10	1.57~3.94	14.96	3.94	4.13	25.39	16.22	8.07	5.71	3.15	5.12	2.56	6.97	4.57	1.26	132.28
SVC0.5HN	0.5	0.00~0.75	5.16	1.42	1.02	9.84	6.22	3.15	2.36	1.42	2.52	1.42	2.64	1.93	0.47	6.61
SVC1HN	1	0.00~0.98	5.98	1.65	1.26	12.20	7.28	3.54	2.72	1.77	3.35	1.89	3.19	2.32	0.63	13.23
*SVC1WHN	1	0.00~1.57	6.50	1.69	1.73	14.17	8.86	4.09	2.76	1.77	3.35	1.89	2.83	2.09	0.63	13.67

For \* marked items, the main body is made of high-tensile steel plates.

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

# Compact Type with Swing Shackle

## SVC-E • SVC-EN

### VERTICAL LIFTING CLAMP (Lock Handle Type)

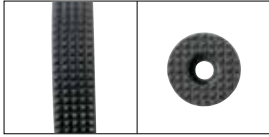
CHECK!



Operation manual & parts drawing

#### SVC-E

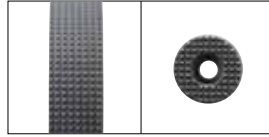
Cam, pad cross type, nomal pitch



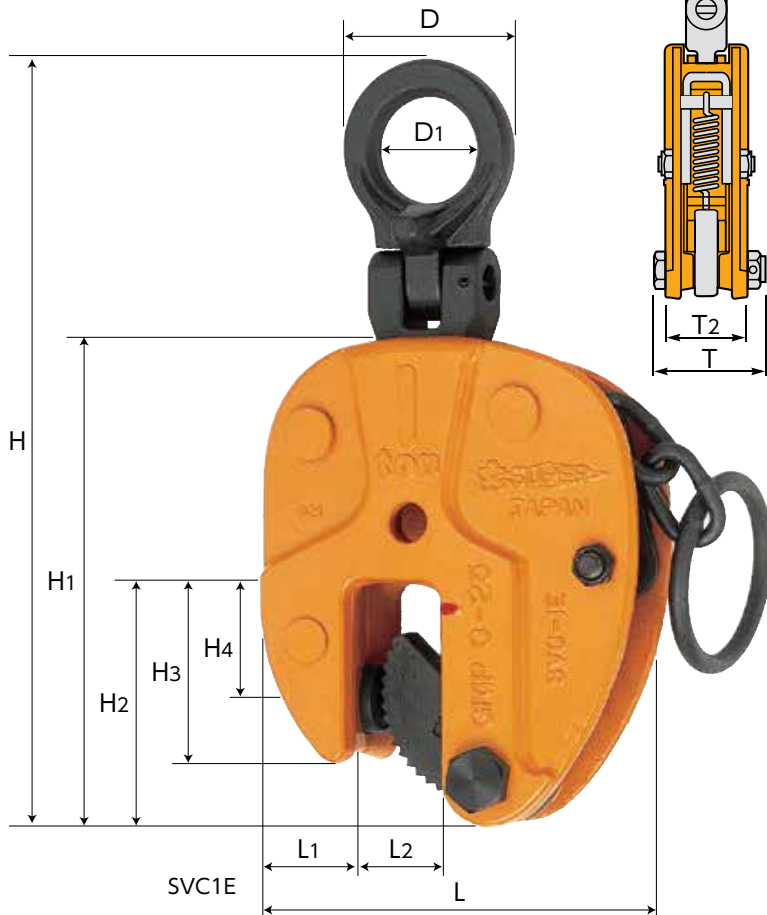
(P=0.12)

#### SVC-EN

Cam, pad cross type, fine pitch



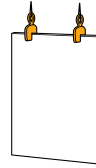
(P=0.08)



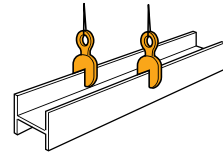
#### Example of use

⚠ Always lift a load at 2 or more points for safety.

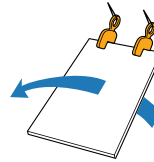
##### Steel plate vertical lifting



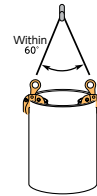
##### Steel beam lifting



##### Steel plate turning-over



##### Pipe lifting

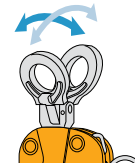


When lifting a pipe, position the clamps so that they face each other as shown on the drawing. (the lifting angle of the sling rope must be kept within 60°.)

#### Features

- For vertical lifting of steel plates and other steel structures, with more lifting directions possible and light-weight type.
- The spring-type tightening lock mechanism assures a positive initial clamp force.
- Swing shackle type.
- (SVC-EN) The Cam & Pad is designed for less biting marks on the load with the fine pitch cross pattern.

The Swing shackle allows the cam to generate a clamping force on the load at any direction it is pulled.



##### Tightening lock mechanism

When you pull upward the lock handle, the lock gets set and the clamp grips firmly the load. This lock is very safe and even if the sling rope loosens, or if a shock occurs, the clamp will not come off.



##### Releasing lock mechanism

When you pull downward the lock handle, the lock gets released. Never attempt a lifting operation in this state. It would be dangerous as the tightening would be insufficient.

Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)													N.W. (lb)	
			L	L1	L2	H(MAX)	H1	H2	H3	H4	D	D1	T	T1	T2		T3
SVC0.3E	0.3	0.00~0.63	3.94	0.98	0.75	6.93	4.33	2.24	1.89	1.18	1.77	1.02	1.97	1.54	1.42	0.31	3.53
SVC0.5E	0.5	0.00~0.75	4.33	1.10	0.87	8.03	4.92	2.64	2.09	1.34	2.05	1.18	2.19	1.77	1.57	0.39	4.63
SVC1E	1	0.00~0.98	5.12	1.38	1.14	10.12	6.30	3.15	2.36	1.50	2.36	1.38	2.66	2.09	1.89	0.47	8.16
SVC1.5E	1.5	0.00~1.10	5.91	1.54	1.30	11.42	6.85	3.46	2.64	1.65	2.99	1.77	3.01	2.64	2.17	0.55	12.13
SVC2E	2	0.00~1.26	6.38	1.69	1.46	13.19	7.64	3.82	2.87	1.77	3.70	2.17	3.23	3.27	2.28	0.63	15.43
SVC0.3EN	0.3	0.00~0.63	3.94	0.98	0.75	6.93	4.33	2.24	1.89	1.18	1.77	1.02	1.97	1.54	1.42	0.31	3.53
SVC0.5EN	0.5	0.00~0.75	4.33	1.10	0.87	8.03	4.92	2.64	2.09	1.34	2.05	1.18	2.19	1.77	1.57	0.39	4.63
SVC1EN	1	0.00~0.98	5.12	1.38	1.14	10.12	6.30	3.15	2.36	1.50	2.36	1.38	2.66	2.09	1.89	0.47	8.16

★ Parts drawings and operation manuals can be downloaded from our website.  
● For all the appendix, please refer to P.54 ~56



LIFTING CLAMPS FOR STEEL

- Vertical & lateral lifting clamps
- Vertical lifting clamps
- Lateral lifting clamps
- Horizontal lateral lifting clamps, lifting hooks
- Steel beam lifting clamps, balance
- Screw cam clamps
- Beam clamps
- Super foot locks, lifting hooks
- Super lock hooks
- Drum lift clamps
- Lifting hooks for forklift, rail clamps
- Reinforcing rod vertical lifting clamps
- Clamp with fall arrest equipment

» Lock Lever Type

SVC-L

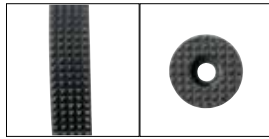
VERTICAL LIFTING CLAMP

CHECK!

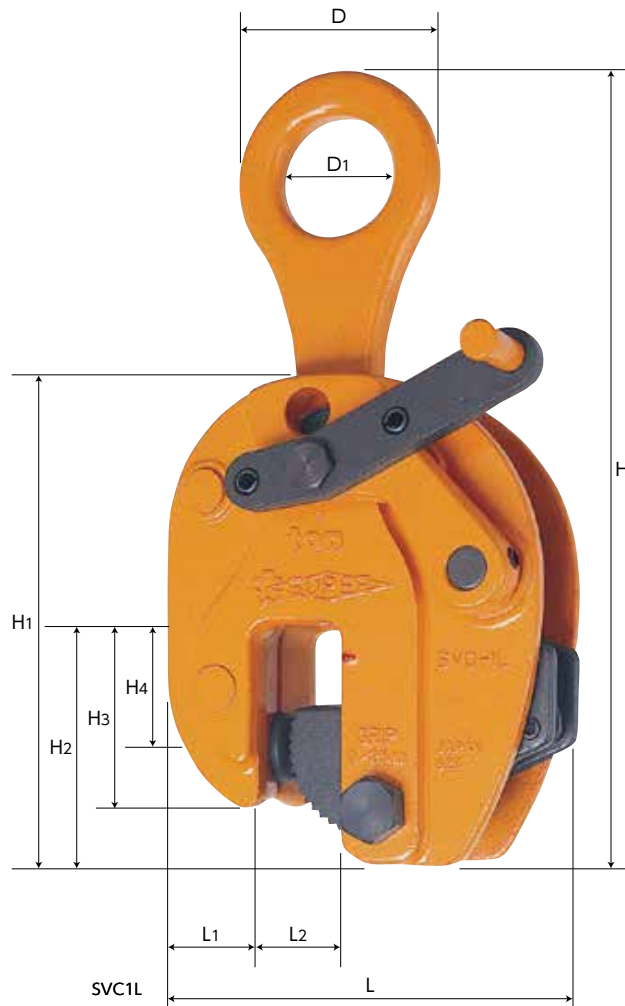
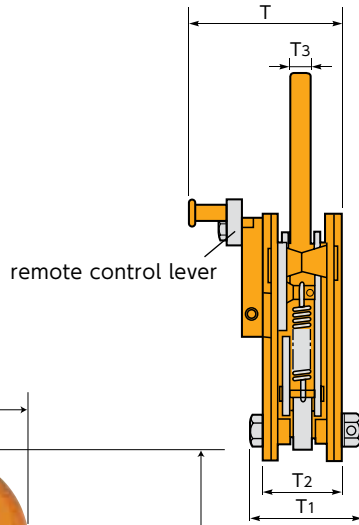


Operation manual & parts drawing

Cam, pad cross type, nomal pitch



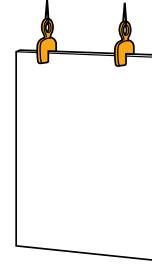
(P=0.12)



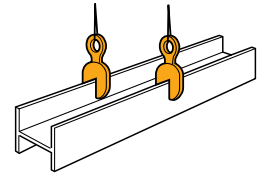
Example of use

⚠ Always lift a load at 2 or more points for safety.

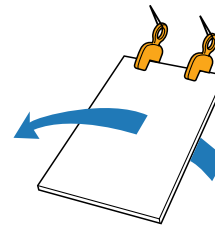
Steel plate vertical lifting



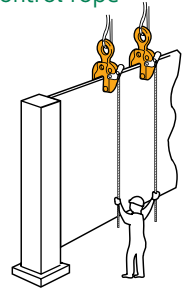
Steel beam lifting



Steel plate turning-over



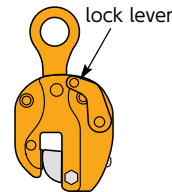
Including a remote control rope



Features

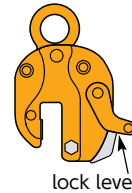
- The spring-type tightening lock mechanism assures a positive initial clamp force.
- The lever and the rope allow to unlock the clamp and to remove it from the load remotely from the floor.

Tightening lock mechanism



- When you push upward the lock lever, the lock gets set and the clamp grips firmly the load.
- As the spring brings always a certain clamping force, even with the shock of the load landing or when the sling rope loosens, the clamp will not come off.

Releasing lock mechanism



- When you push downward the lock lever, the cam retracts inside the main body, the releasing lock gets set and the release position is locked.
- With the remote control lever, it is easy to unlock and remove the clamp from high places.

Accessories

- Remote control lever
- Remote control rope

Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)													N.W. (lb)	
			L	L1	L2	H(MAX)	H1	H2	H3	H4	D	D1	T	T1	T2		T3
<b>SVC0.5L</b>	0.5	0.00~0.75	5.16	1.42	1.02	9.84	6.22	3.15	2.36	1.42	2.52	1.42	3.50(3.15)	2.64	1.93	0.47	6.61
<b>SVC1L</b>	1	0.00~0.98	5.98	1.65	1.26	12.20	7.28	3.54	2.72	1.77	3.35	1.89	4.45(4.09)	3.19	2.32	0.63	13.23
<b>SVC2L</b>	2	0.00~1.18	6.77	1.89	1.54	14.76	8.27	3.94	3.03	1.85	4.17	2.36	5.12(4.65)	3.82	2.80	0.71	23.15
<b>SVC3L</b>	3	0.00~1.38	7.17	2.01	1.65	15.94	8.86	4.13	3.19	1.85	4.61	2.60	5.55(5.08)	4.02	2.95	0.79	27.56
<b>*SVC5L</b>	5	0.00~1.57	8.66	2.56	1.97	17.91	10.24	4.72	3.74	1.93	5.83	3.31	6.18(5.71)	4.80	3.62	0.87	47.40

Note : The values between brackets refer to the dimension when the remote control lever is not installed.  
For \* marked item, the main body is made of high-tensile steel plates.

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment



# Cam Stopper Type

## SVC

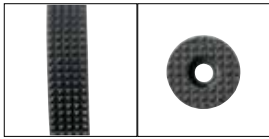
### VERTICAL LIFTING CLAMP

CHECK!

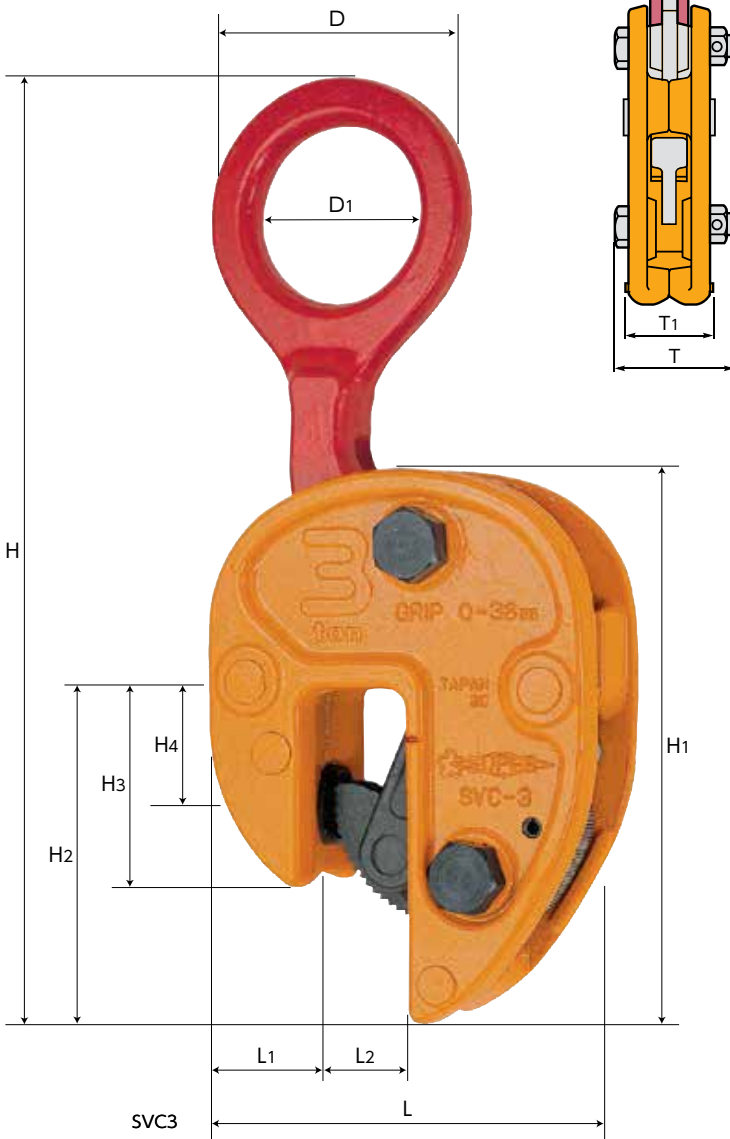


Operation manual & parts drawing

Cam, pad **cross type, normal pitch**



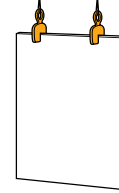
(P=0.12)



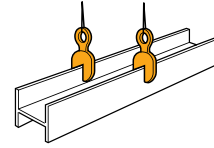
### Example of use

⚠ Always lift a load at 2 or more points for safety.

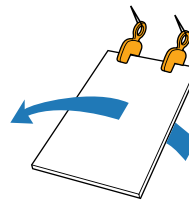
#### Steel plate vertical lifting



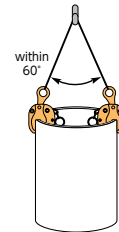
#### Steel beam lifting



#### Steel plate turning-over



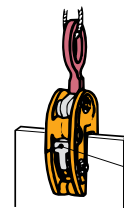
#### Pipe lifting



When lifting a pipe, position the clamps so that they face each other as shown on the drawing. (the lifting angle of the sling rope must be kept within 60°.)

### Features

- For vertical lifting of steel plates and other steel structures (light-weight and compact type).
- All the major components are protected inside the body, with no protrusion, for easy handling operation.
- With the stopper, the cam stays locked in release position and the load is easy to set. As lifting is impossible unless the stopper is released, the safety can be easily confirmed.

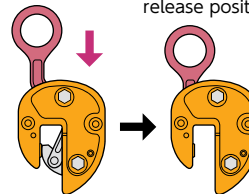


#### Tightening lock mechanism

When you push the stopper, a click sound is heard and the clamp grips firmly the workpiece.

#### Releasing lock mechanism

When you fully push downward the shackle as shown in the drawing, the cam retracts inside the main body, the releasing lock gets set and the release position is locked.



Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)													N.W. (lb)
			L	L1	L2	H(MAX)	H1	H2	H3	H4	D	D1	T	T1	T2	
SVC0.5	0.5	0.00~0.75	4.25	1.14	0.87	8.27	5.43	3.35	2.13	1.30	2.13	1.38	1.77	1.22	0.35	3.53
SVC1	1	0.00~0.98	4.96	1.38	1.10	10.43	6.50	3.98	2.44	1.50	2.83	1.81	2.28	1.65	0.47	7.05
SVC2	2	0.00~1.26	5.98	1.69	1.38	12.99	7.87	4.72	2.87	1.77	3.78	2.40	2.83	2.20	0.63	13.23
SVC3	3	0.00~1.50	6.61	1.85	1.61	15.16	8.86	5.31	3.19	1.89	4.57	2.91	3.31	2.60	0.75	19.84
SVC5	5	0.00~1.97	8.35	2.32	2.13	19.09	10.87	6.38	3.90	2.40	5.75	3.62	3.98	3.19	0.98	39.68

\* Parts drawings and operation manuals can be downloaded from our website.  
 ● For all the appendix, please refer to P.54 ~56



LIFTING CLAMPS FOR STEEL

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

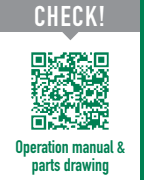
Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

» Swing Shackle Type

GVC-E • GVC-EN

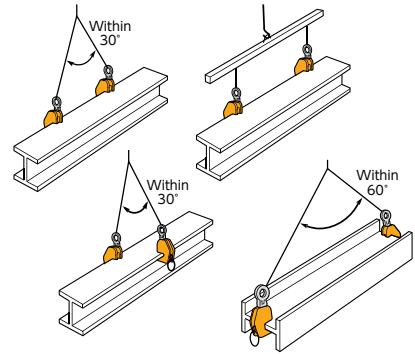
LATERAL LIFTING CLAMP (Lock Handle Type)



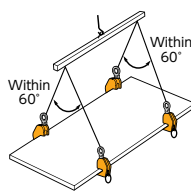
Example of use

⚠ Always lift a load at 2 or more points for safety.

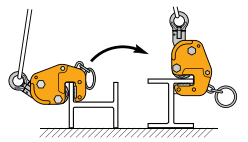
Steel beam lifting



Steel plate lifting

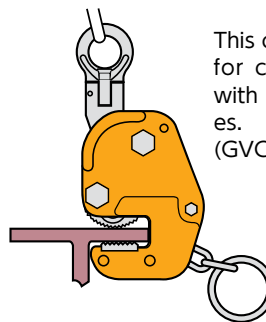


Steel beam turning-over



Features

- For lateral (horizontal) lifting of steel beams for structure (H beam, I beam, T beam, L beam, etc.) and flat steel bars.
- The Swing shackle and the arc-shaped pad provide a stable lateral (horizontal) clamping force (Swing shackle type).
- The spring-type tightening lock mechanism assures a positive initial clamp force (lock handle type).
- (GVC-EN) The Cam & Pad is designed for less biting marks on the load with the fine pitch cross pattern.



This clamp can be used for clamping I beams with 3.94in wide flanges. (GVC0.35E, GVC0.5E)

GVC-E

Cam

cross type, normal pitch



(P=0.12)

Pad

line type



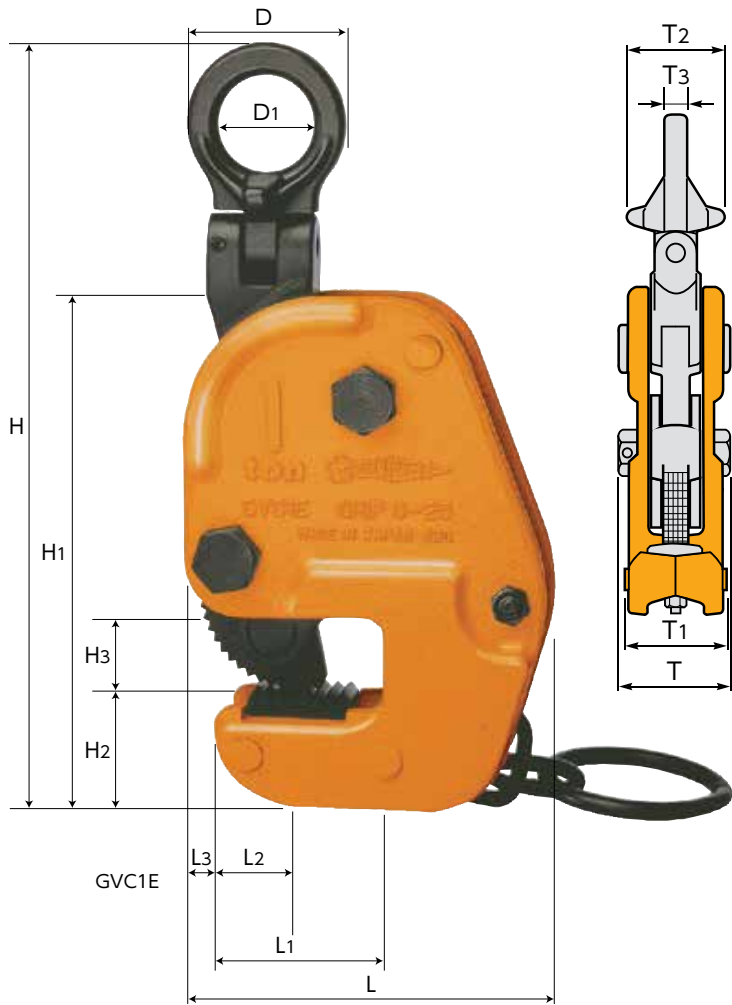
GVC-EN

Cam, pad

cross type, fine pitch



(P=0.08)



Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)													N.W. (lb)	
			L	L1	L2	L3	H(MAX)	H1	H2	H3	D	D1	T	T1	T2		T3
GVC0.35E	0.35	0.00~0.63	3.43	1.65	0.83	0.24	7.52	4.72	1.02	0.75	1.77	1.02	2.01	1.61	1.54	0.31	3.75
GVC0.5E	0.5	0.00~0.79	4.06	1.85	0.79	0.24	9.02	5.71	1.34	0.91	2.05	1.18	2.17	1.77	1.77	0.39	5.73
GVC1E	1	0.00~0.98	5.12	2.44	1.02	0.39	10.87	7.20	1.57	1.10	2.36	1.38	2.52	2.05	2.09	0.47	9.92
GVC2E	2	0.20~1.38	6.42	2.76	1.06	0.47	13.50	8.74	1.97	1.50	2.99	1.77	3.11	2.48	2.64	0.55	19.84
GVC0.35EN	0.35	0.00~0.63	3.43	1.65	0.83	0.24	7.52	4.72	1.02	0.75	1.77	1.02	2.01	1.61	1.54	0.31	3.75
GVC0.5EN	0.5	0.00~0.79	4.06	1.85	0.79	0.24	9.02	5.71	1.34	0.91	2.05	1.18	2.17	1.77	1.77	0.39	5.73
GVC1EN	1	0.00~0.98	5.12	2.44	1.02	0.39	10.87	7.20	1.57	1.10	2.36	1.38	2.52	2.05	2.09	0.47	9.92

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

## Conventional Model for Lateral Lifting

# HLC-H • HLC-WH • HLC-HN • HLC-WHN

### LATERAL LIFTING CLAMP (Lock Handle Type)

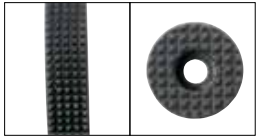
CHECK!



Operation manual & parts drawing

HLC0.5H~5WH

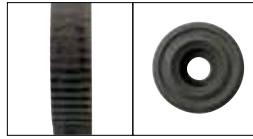
Cam, pad **cross type, normal pitch**



(P=0.12)

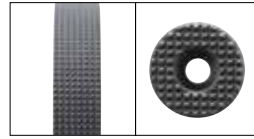
HLC7H~10WH

Cam, pad **line type**

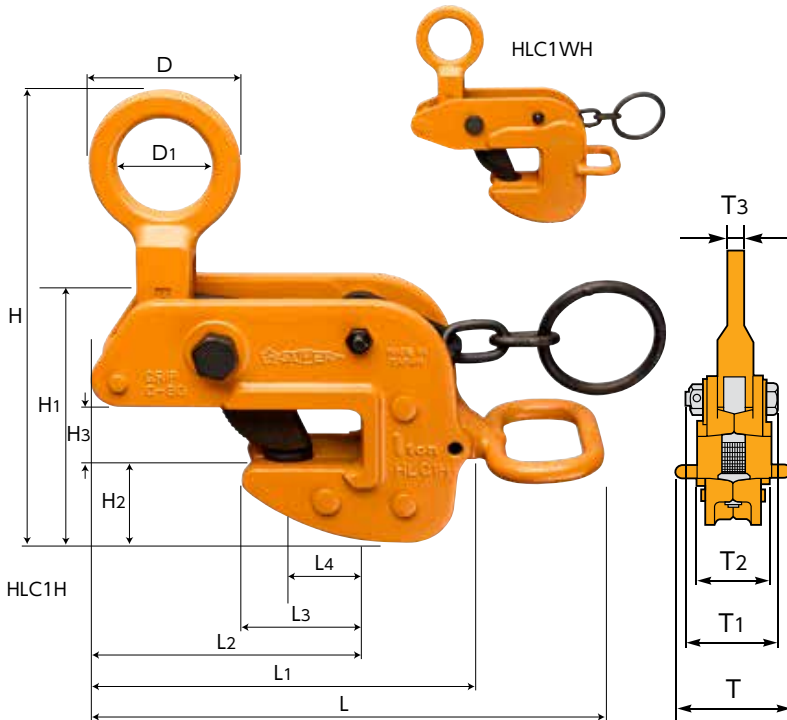


HLC-HN • HLC-WHN

Cam, pad **cross type, fine pitch**



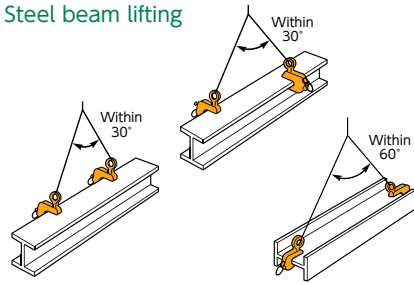
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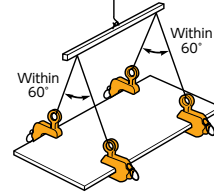
Example of use

⚠ Always lift a load at 2 or more points for safety.

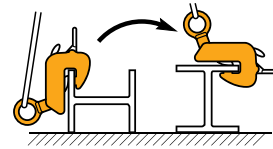
Steel beam lifting



Steel plate lifting



Steel beam turning-over



Features

- For lateral (horizontal) lifting of steel beams for structure (H beam, I beam, T beam, L beam, etc.) and flat steel bars.
- The spring-type tightening lock mechanism assures a positive initial clamp force (lock handle type).
- The handle makes it easy and safe to set and remove the clamp onto and from the load.
- (HLC-HN • HLC-WHN) The Cam & Pad is designed for less biting marks on the load with the fine pitch cross pattern.

Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)													N.W. (lb)		
			L	L1	L2	L3	L4	H(MAX)	H1	H2	H3	D	D1	T	T1		T2	T3
HLC0.5H	0.5	0.00~0.98	9.02	6.81	4.80	2.20	1.34	8.19	4.53	1.50	1.06	2.56	1.57	3.39	2.56	1.93	0.47	6.61
HLC1H	1	0.00~1.18	10.75	7.99	5.63	2.56	1.57	9.69	5.51	1.89	1.26	3.15	1.97	4.09	3.15	2.40	0.63	12.13
* HLC1WH	1	0.00~1.57	10.31	8.23	5.94	2.44	1.38	10.63	6.34	2.20	1.69	3.15	1.97	3.94	2.68	2.52	0.63	13.01
HLC2H	2	0.00~1.38	12.09	9.33	6.38	2.91	1.77	11.50	6.61	2.28	1.46	3.94	2.36	4.09	3.66	2.95	0.71	20.94
HLC3H	3	0.00~1.57	13.78	10.63	7.13	3.27	1.97	13.27	7.68	2.68	1.65	4.72	2.76	4.65	4.17	3.43	0.79	29.76
* HLC3WH	3	0.98~2.36	14.17	11.93	8.19	3.86	2.56	14.92	9.02	3.03	2.56	4.72	2.76	4.41	3.92	3.58	0.79	41.89
* HLC5H	5	0.00~1.77	14.65	12.28	8.35	3.54	2.17	15.28	8.74	3.19	1.85	5.51	3.15	4.41	4.35	4.06	0.87	50.71
* HLC5WH	5	0.98~2.56	16.02	13.66	8.94	4.13	2.76	16.50	9.65	3.19	2.76	5.51	3.15	4.41	4.35	4.06	0.87	63.93
* HLC7H	7	0.39~2.76	20.83	18.03	12.91	5.12	3.15	20.67	11.81	3.74	2.95	6.30	3.15	4.88	5.51	4.88	0.98	110.23
* HLC7WH	7	1.18~3.54	20.83	18.03	12.91	5.12	3.15	21.73	12.60	3.74	3.74	6.30	3.15	4.88	5.51	4.88	0.98	114.64
* HLC10H	10	0.79~3.15	21.77	18.98	13.46	5.28	3.15	22.56	13.19	3.94	3.35	6.30	3.15	5.59	6.54	5.59	1.26	154.32
* HLC10WH	10	1.57~3.94	21.77	18.98	13.46	5.28	3.15	23.35	13.98	3.94	4.13	6.30	3.15	5.59	6.54	5.59	1.26	158.73
HLC0.5HN	0.5	0.00~0.98	9.02	6.81	4.80	2.20	1.34	8.19	4.53	1.50	1.06	2.56	1.57	3.39	2.56	1.93	0.47	6.61
HLC1HN	1	0.00~1.18	10.75	7.99	5.63	2.56	1.57	9.69	5.51	1.89	1.26	3.15	1.97	4.09	3.15	2.40	0.63	12.13
* HLC1WHN	1	0.00~1.57	10.31	8.23	5.94	2.44	1.38	10.63	6.34	2.20	1.69	3.15	1.97	3.94	2.68	2.52	0.63	13.01

For \* marked items, the main body is made of high-tensile steel plates.

\* Parts drawings and operation manuals can be downloaded from our website.

● For all the appendix, please refer to P.54 ~56

LIFTING CLAMPS FOR STEEL

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

» Split Jaw Type

HLC-U

LATERAL LIFTING CLAMP

CHECK!

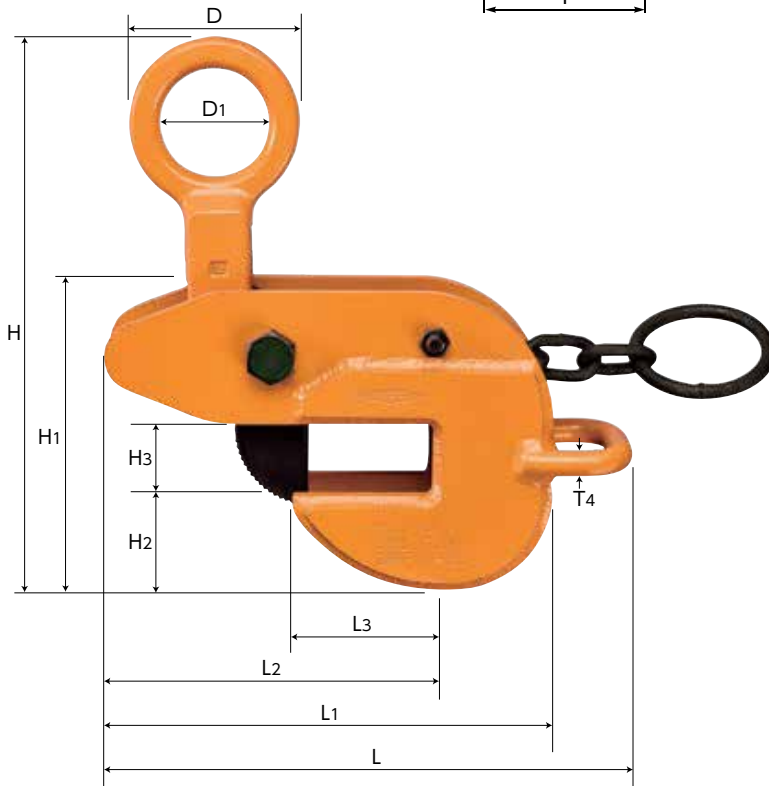
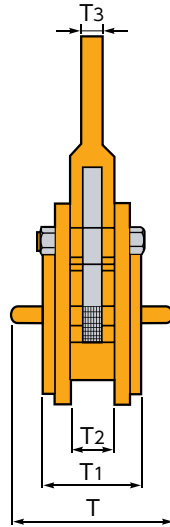


Operation manual & parts drawing

Cam cross type, normal pitch



(P=0.12)

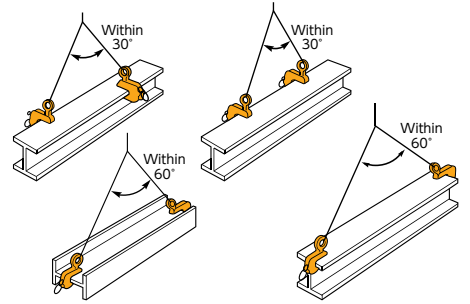


HLC1U

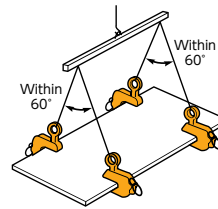
Example of use

⚠ Always lift a load at 2 or more points for safety.

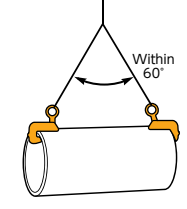
Steel beam lifting



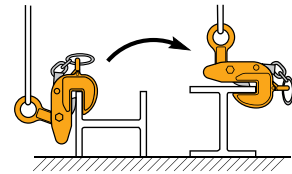
Steel plate lifting



Pipe lifting

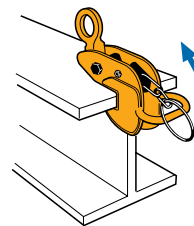


Steel beam turning-over



Features

- For lateral (horizontal) lifting of steel beams for structure (H beam, I beam, T beam, L beam, etc.) and flat steel bars (ideal for clamping at the longer end of the steel beam at 2-point lifting).
- The spring-type tightening lock mechanism assures a positive initial clamp force.
- The handle makes it easy and safe to set and remove the clamp onto and from the load.



As the clamping part is split, this clamp can also be set in the direction shown in the drawing.

Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)														N.W. (lb)	
			L	L1	L2	L3	H(MAX)	H1	H2	H3	D	D1	T	T1	T2	T3		T4
*HLC0.5U	0.5	0.00~0.98	8.35	6.69	5.12	2.20	8.19	4.41	1.38	1.10	2.56	1.57	3.31	2.24	1.06	0.47	0.47	7.05
*HLC1U	1	0.00~1.18	9.84	8.19	5.98	2.56	9.69	5.55	1.81	1.30	3.15	1.97	3.31	2.52	1.34	0.63	0.47	11.24
*HLC2U	2	0.00~1.38	11.14	9.49	6.81	2.91	11.50	6.73	2.28	1.50	3.94	2.36	3.86	3.15	1.50	0.71	0.47	19.18
*HLC3U	3	0.00~1.57	12.95	10.75	7.60	3.27	13.27	7.87	2.76	1.69	4.72	2.76	4.41	3.54	1.65	0.79	0.63	29.76
*HLC5U	5	0.00~1.77	14.57	12.36	8.58	3.54	15.16	9.02	3.39	1.89	5.51	3.15	4.41	4.02	1.81	0.87	0.63	47.40

For \* marked items, the main body is made of high-tensile steel plates.

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

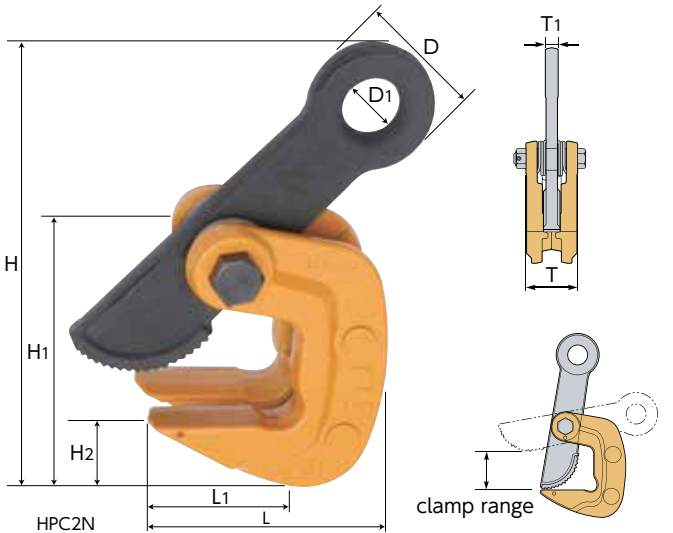
Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

Convenient for Steel Plate Lifting

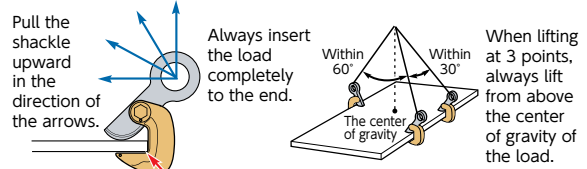
HPC-N

HORIZONTAL LIFTING CLAMP



Example of use

Always lift a load at 2 or more points for safety.



When lifting a long load, lift at 4 or more points, and use a balance whenever possible. (for safe operation, the lifting angle of the sling ropes must be kept within the specified angles.)

Features

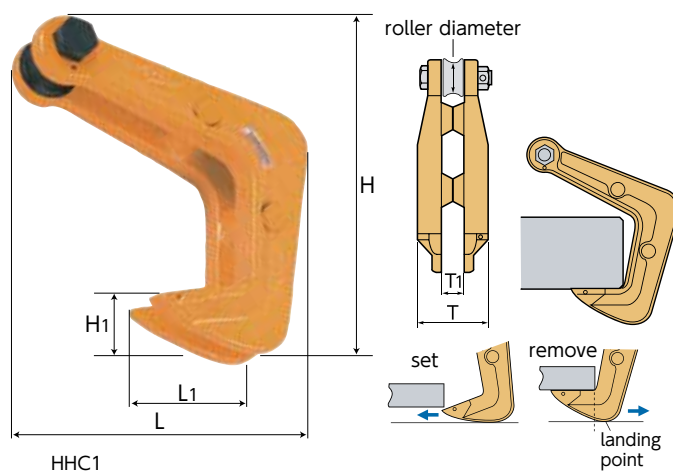
- For lateral (horizontal) lifting of steel plates, flat steel bars, H beams, etc.
- With the spring mechanism, it is unnecessary to hold the clamp after setting it onto the load. And when the load lands on the floor, the initial clamp force assures that the clamp does not come off.

Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)									N.W. (lb)
			L	L1	H (MAX)	H1	H2	D	D1	T	T1	
HPC0.5N	0.5	0.00~1.38	3.25	2.03	6.69	3.80	0.98	1.57	0.71	1.57	0.39	1.98
HPC1N	1	0.00~1.57	3.86	2.32	8.03	4.61	1.26	1.97	0.91	2.01	0.51	3.97
HPC2N	2	0.00~1.97	4.92	2.87	10.55	6.00	1.30	2.64	1.18	2.64	0.67	8.82
HPC3N	3	0.00~2.36	5.91	3.46	12.95	7.13	2.01	3.23	1.42	3.15	0.87	14.99
HPC5N	5	0.00~3.15	7.68	4.61	16.34	9.29	2.60	3.98	1.81	4.02	1.10	33.07

Suitable for Various Steel Structures

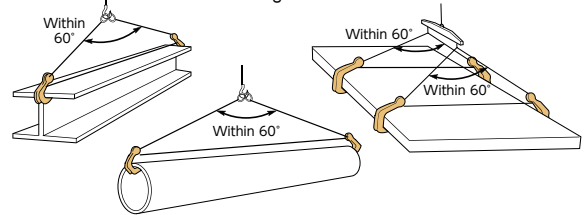
HHC

LIFTING HOOK



Example of use

For safety, always use lifting hooks at 4 or more points in opposite positions. For steel beams and pipes, lift at 2 points positioned at both ends. \* Always hang the wire rope as shown in the drawing below.



\* Conduct daily inspection to confirm that all parts are functioning properly.

Features

- Ideal for lifting and handling various steel structures.
- The roller at the head of the hook prevents from damaging the wire rope.
- The sharp hook ends enable easy inserting into small clearance.
- The landing point designed slightly outside of the hook makes the remove operation very smooth.

Item No.	Rated capacity (ton)	Max. plate thickness	Size (in)							N.W. (lb)
			L	L1	H	H1	T	T1	Roller dia.	
HHC0.5	0.5	2.28	4.76	1.65	5.98	1.06	2.48	1.18	0.75	2.43
HHC1	1	2.56	5.67	1.85	7.01	1.30	3.15	1.57	0.93	4.63
HHC2	2	3.15	7.17	2.28	8.78	1.65	4.13	2.13	1.18	9.92
HHC3	3	3.74	8.46	2.68	10.39	1.93	4.92	2.56	1.38	17.20
HHC5	5	4.92	10.98	3.54	13.46	2.36	6.30	3.35	1.73	36.38

\* Parts drawings and operation manuals can be downloaded from our website.  
 ● For all the appendix, please refer to P.54 ~56

- Vertical & lateral lifting clamps
- Vertical lifting clamps
- Lateral lifting clamps
- Horizontal lateral lifting clamps, lifting hooks
- Steel beam lifting clamps, balance
- Screw cam clamps
- Beam clamps
- Super foot locks, lifting hooks
- Super lock hooks
- Drum lift clamps
- Lifting hooks for forklift, rail clamps
- Reinforcing rod vertical lifting clamps
- Clamp with fall arrest equipment

» Compact Type for Beam Lifting

**HLC-S • HLC-W**

**STEEL BEAM LIFTING CLAMP**

CHECK!

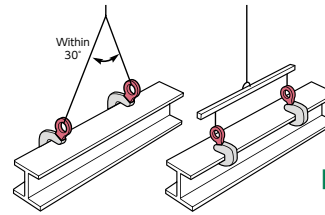


Operation manual & parts drawing

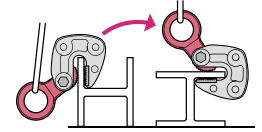
**Example of use**

⚠ Always lift a load at 2 or more points for safety. Be sure to set clamps from the same direction.

**Steel beam lifting**

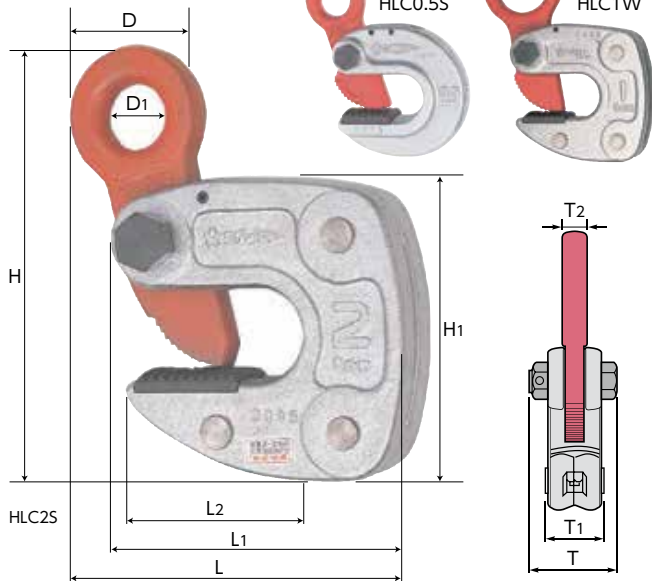


**Steel beam turning-over**



**Cam, pad**

line type



**Features**

- Special clamp for lateral lifting of steel structures (H beam, I beam, T beam, L beam, etc.) (light-weight and compact type).
- When lifting a steel beam, it will be almost perfectly horizontal, assuring efficient operability.
- With the spring mechanism, no need to hold the clamp by hand when you set the load. And when the load lands on the floor, the initial clamp force assures that the clamp does not come off.
- The wide diameter shackle of HLC1W allows easy handling operation.
- Light-weight, compact, easy to use and safe.
- The action of the arc-shaped pad provides a stable clamping force.

Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)										N.W. (lb)
			L (MIN)	L1	L2	H (MAX)	H1	D	D1	T	T1	T2	
<b>HLC0.5S</b>	0.5	0.04~0.51	4.69	3.94	2.56	5.47	3.82	1.81	0.91	1.91	1.22	0.55	2.87
<b>HLC1S</b>	1	0.04~0.51	4.25	4.25	2.60	5.98	4.09	2.01	0.91	2.05	1.26	0.55	3.31
<b>HLC1W</b>	1	0.08~0.79	5.98	4.84	2.95	7.40	4.65	2.83	1.81	2.05	1.26	0.55	5.51
<b>HLC2S</b>	2	0.12~0.87	5.63	5.59	3.43	7.83	5.35	2.60	1.18	2.64	1.65	0.71	8.16
<b>HLC3S</b>	3	0.47~1.38	7.56	7.24	4.25	10.35	7.05	3.15	1.42	3.03	1.89	0.87	17.86

» Adjustable Span Type

**LSBN**

**BALANCE**

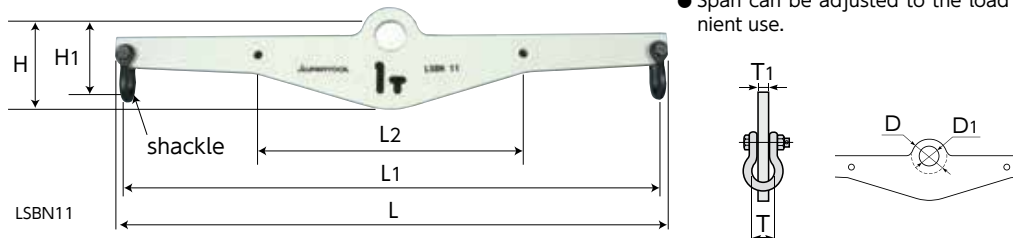
CHECK!



PDF of Catalogue

**Features**

- Special balance for lifting long loads.
- New design enabling efficient use of the lifting height (H1 : guaranteed lifting height).
- Span can be adjusted to the load size or length for convenient use.



\* Use the item size adapted to the load size or weight.

Item No.	Rated capacity (ton)	Size (in)										Shackle JIS B2801	N.W. (lb)
		L	L1	L2	H	H1	D	D1	T	T1			
<b>LSBN11</b>	1	41.10	39.37	19.69	6.69	5.39	4.33	2.36	1.57	0.75	BB-14	35.27	
<b>LSBN11.5</b>		60.79	59.06	39.37	7.48	5.39						59.52	
<b>LSBN21</b>	2	41.57	39.37	19.69	8.27	6.89	5.91	3.15	2.09	0.98	BB-18	61.73	
<b>LSBN22</b>		80.94	78.74	59.06	10.24	6.89						136.69	
<b>LSBN31</b>	3	41.81	39.37	19.69	9.45	7.83	7.09	3.54	2.28	1.10	BB-20	79.37	
<b>LSBN32</b>		81.18	78.74	59.06	11.81	7.83						182.98	
<b>LSBN51</b>	5	42.52	39.37	19.69	10.63	9.02	8.27	3.94	2.76	1.42	BB-24	125.66	
<b>LSBN52</b>		81.89	78.74	59.06	13.19	9.02						275.58	

\* Other rated capacity or span are available upon request.

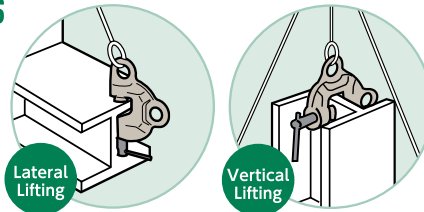
# SCREW CAM CLAMP

## All-purpose Clamp for Vertical and Lateral Lifting

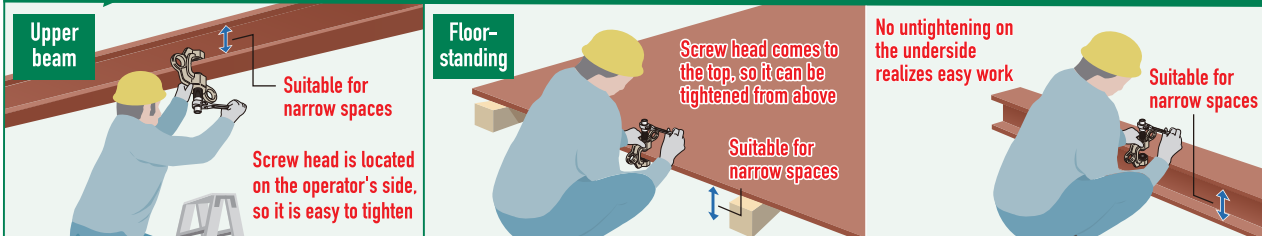


▲ SDC1S

- When a lateral load is applied, the circular cam tilts and grips tightly in proportion to the magnitude of the load.
- The circular cam has the mechanism that always returns to its normal position by the spring force.



**Outstanding Point!** SSC-N, SWC-N and SWC-S can be used in tight spaces



## Super Tool lifting clamps have been registered with NETIS



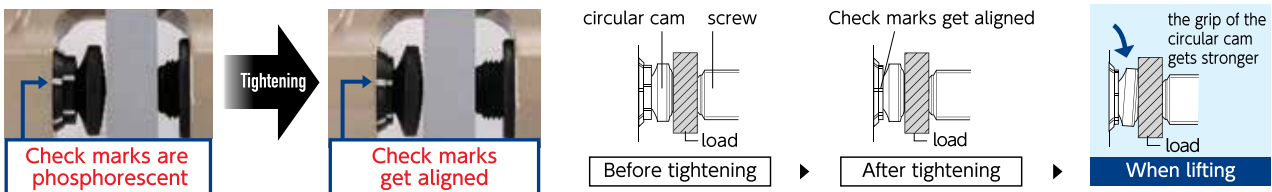
### What is NETIS?

NETIS (NEW TECHNOLOGY INFORMATION SYSTEM) is "a database of technologies developed by private companies that anyone can search and use". It is operated by the Japanese Ministry of Land, Infrastructure, Transport and Tourism, and each company applies for its own products and technologies.

Using NETIS-registered technologies has **three advantages: obtaining additional scoring points when bidding for public works projects\*, shortening construction period, and reducing costs.** The government promotes using NETIS-registered technologies to make construction more efficient.

\*If a contractor proposes the use of new technology in the Trial Application Type (the proposal is made after the contract is signed) or the Contractor Selection Type, and the technology is used in a construction project, points are awarded in the construction performance evaluation according to effectiveness of use.

## Safe and secure structure that allows confirmation of tightening With Twist Cam Mechanism



### Applicable Products

Registration Date Twist Cam 2021.09.09  
NETIS Registration No.: KK-210036-A

This product is also registered with NETIS

Registration Date Open/Close Lock Type 2022.12.10  
NETIS Registration No.: KK-210076-A



Swivel Type  
**SUC-S**  
P.26



Double Eye Type  
**SWC-S**  
P.22



Double Eye Type  
**SDC-S**  
P.23

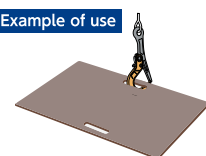


J Type  
**SJC-S**  
P.24



Super Lock Hook (Open/Close Lock Type)  
**SLH3A**  
P.30

### Example of use



### MOVIE



- Safe and efficient operation by the open/close lock

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

\* Parts drawings and operation manuals can be downloaded from our website.  
● For all the appendix, please refer to P.54 ~56

» Original Twist Cam System

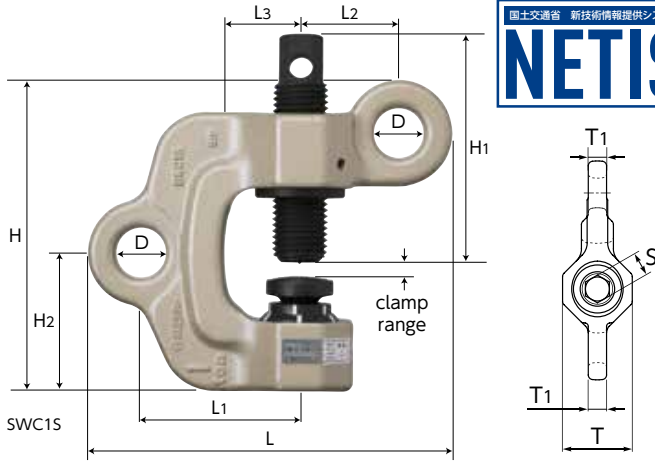
SWC-S

SCREW CAM CLAMP (Double Eye Type)  
Twist Cam Type PAT.

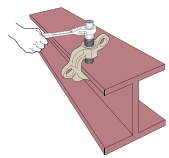
CHECK!



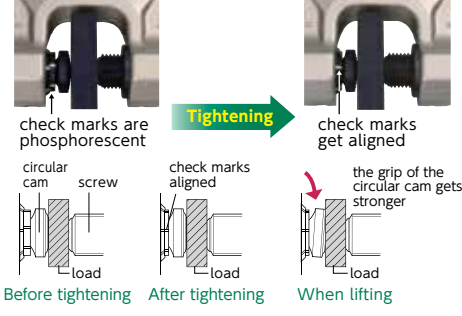
Operation manual, parts drawing and movie



Tightening operation

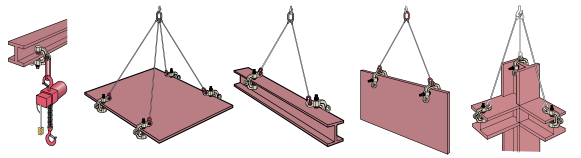


Visual safety check



Example of use

Always lift a load at 2 or more points for safety. In case of lifting down, cannot be set to slanted-shape part such as steel I beams.



\*Common to all the screw cam clamps (SCC, SCC-W, SDC-S, SJC-S, SDC-N, SDC-WN, SJC, SUC, SWC-N, SSC-N, SWC-S).

● The clamp cannot be used for the load shapes described below.

**DO NOT USE**

- Wedge shape over 8°: Even with wedge shape under 8°, the clamp cannot be used if the clamp part has a taper in the lifting direction.
- Round bars
- Curved shape with radius under 11.81in
- Objects with uneven clamp part
- Cylinders with inner diameter under 23.62in

Accessories

- 17x21 Double Size Ratchet Wrench (Short Type)

Features

- All-purpose clamp that can be used for a variety of operations such as lifting up and down, lateral pulling and turning over.
- Adequacy of tightening can be visually confirmed by secure and safe structure of the twist cam.
- When used in horizontal lifting, the screw is placed on top (operator's side), so the tightening operation can be done easily (when installing underneath a beam, the tightening can be done on the operator's side).
- The tightening mechanism with a screw and a circular cam (special spring type) provides sure clamping force on a load even when the load is landed or when vibrations occur during the lifting operation.
- The tightening check marks have phosphorescent (glow in the dark) paint for easy visual recognition.

Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)											N.W. (lb)
			L	L1	L2	L3	H	H1	H2	D	T	T1	S	
SWC0.5S	0.5	0.00~0.98	5.96	2.48	1.71	1.18	5.12	3.46	2.26	0.87	1.97	0.55	0.67	4.19
SWC1S	1	0.00~1.57	7.54	3.31	2.03	1.57	6.46	4.72	2.85	1.02	2.40	0.63	0.83	7.72
SWC2S	2	0.00~1.57	8.82	3.70	2.44	1.57	7.24	5.08	3.11	1.26	3.03	0.71	0.83	12.79

Note : After having checked that the check marks are aligned, operate tightening over 18.44ft·lb.

» Normal Type

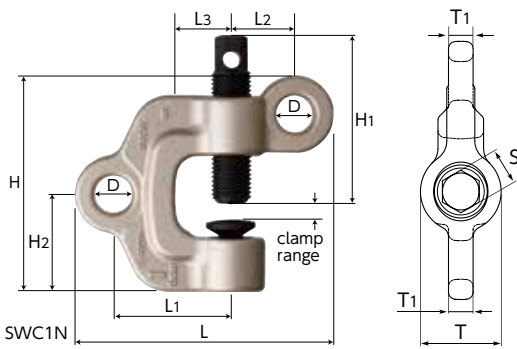
SWC-N

SCREW CAM CLAMP (Double Eye Type) PAT.

CHECK!



Operation manual & parts drawing



Example of use • Features

\* The features (except the twist cam with check marks) and the examples of use are the same as SWC-S.

Accessories

- 17x21 Double Size Ratchet Wrench (Short Type)

Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)											N.W. (lb)
			L	L1	L2	L3	H	H1	H2	D	T	T1	S	
SWC0.5N	0.5	0.00~0.98	5.79	2.48	1.54	1.18	4.80	3.50	1.77	0.87	1.81	0.55	0.83	3.97
SWC1N	1	0.00~1.57	7.28	3.31	1.77	1.57	6.14	4.76	2.30	1.02	1.97	0.63	0.83	7.05
SWC2N	2	0.00~1.57	8.46	3.70	2.09	1.57	6.69	4.76	2.50	1.26	2.36	0.71	0.83	11.02

Note : For the torque value of the screw tightening, operate tightening over 18.44ft·lb.

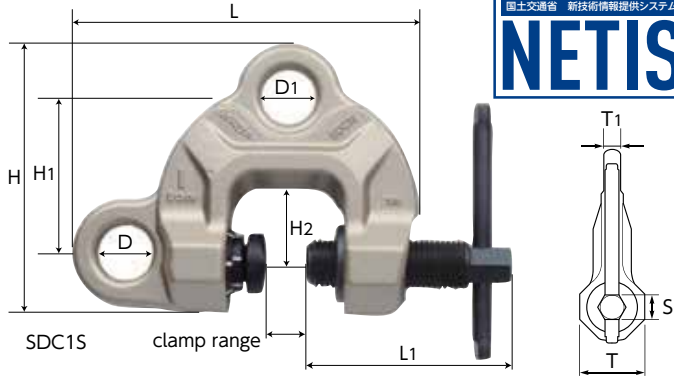




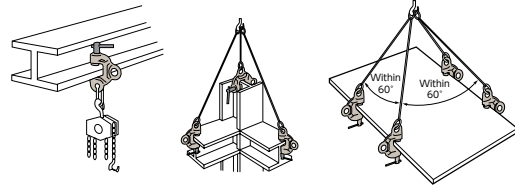
Original Twist Cam System

SDC-S

SCREW CAM CLAMP (Double Eye Type)  
Twist Cam Type PAT.

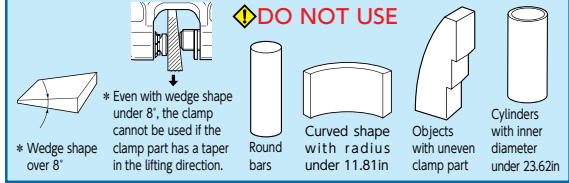


**Example of use** ⚠ Always lift a load at 2 or more points for safety.  
In case of lifting down, cannot be set to slanted-shape part such as steel I beams.

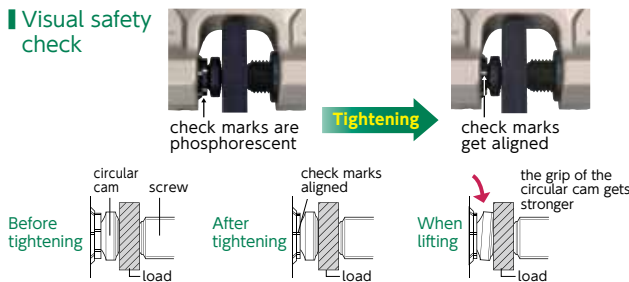


\*Common to all the screw cam clamps (SCC, SCC-W, SDC-S, SJC-S, SDC-N, SDC-WN, SJC, SUC, SWC-N, SSC-N, SWC-S).

● The clamp cannot be used for the load shapes described below.



Visual safety check



Features

- All-purpose clamp that can be used for a variety of operations such as lifting up and down, lateral pulling and turning over.
- Adequacy of tightening can be visually confirmed by secure and safe structure of the twist cam.
- The tightening mechanism with a screw and a circular cam (special spring type) provides sure clamping force on a load even when the load is landed or when vibrations occur during the lifting operation.
- The tightening check marks have phosphorescent (glow in the dark) paint for easy visual recognition.

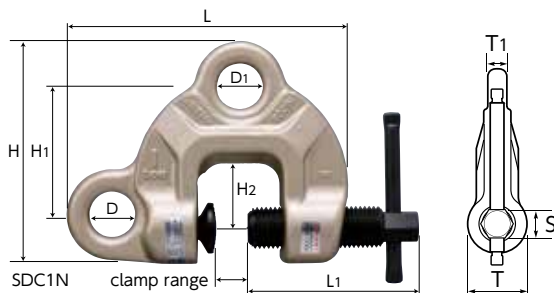
Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)										N.W. (lb)
			L	L1	H	H1	H2	D	D1	T	T1	S	
SDC0.5S	0.5	0.00~0.98	6.22	3.50	4.76	2.81	1.18	1.06	1.06	1.81	0.51	0.67	4.19
SDC1S	1	0.00~1.57	8.19	4.76	6.34	3.70	1.77	1.26	1.26	2.13	0.55	0.83	7.94
SDC2S	2	0.00~1.57	8.94	4.76	6.97	4.13	1.77	1.42	1.26	2.36	0.71	0.83	10.58
SDC3.2S	3.2	0.00~1.57	9.92	5.35	7.72	4.67	1.97	1.77	1.38	2.52	0.79	0.83	15.43
SDC6.3S	6.3	0.00~1.97	11.46	5.98	8.86	5.20	2.17	1.97	1.61	3.54	1.69	0.83	35.27

Note : After having checked that the check marks are aligned, operate tightening over 18.44ft·lb.

Normal Type

SDC-N・SDC-WN

SCREW CAM CLAMP (Double Eye Type)



Example of use・Features

\* The features (except the twist cam with check marks) and the examples of use are the same as SDC-S.

Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)										N.W. (lb)
			L	L1	H	H1	H2	D	D1	T	T1	S	
SDC0.5N	0.5	0.00~0.98	5.73	3.50	4.69	2.70	1.18	1.06	1.06	1.81	0.59	0.83	4.41
SDC1N	1	0.00~1.57	7.83	4.76	6.18	3.54	1.77	1.26	1.26	1.97	0.63	0.83	7.50
SDC1.5WN	1.5	0.39~1.97	8.43	4.76	6.46	3.78	1.77	1.42	1.26	1.97	0.71	0.83	13.23
SDC2N	2	0.00~1.57	8.46	4.76	6.63	3.78	1.77	1.42	1.26	2.17	0.75	0.83	9.92
SDC3N	3	0.00~1.57	9.31	5.35	7.11	4.06	1.97	1.77	1.38	2.36	0.79	0.83	13.01
SDC3WN	3	1.38~2.95	10.61	5.35	7.50	4.45	1.97	1.77	1.38	2.36	0.79	0.83	17.20
SDC5N	5	0.00~1.97	10.63	5.98	8.46	4.84	2.17	1.97	1.46	3.15	1.69	0.83	29.32

Note : For the torque value of the screw tightening, operate tightening over 18.44ft·lb.

\* Parts drawings and operation manuals can be downloaded from our website.  
● For all the appendix, please refer to P.54 ~56



- Vertical & lateral lifting clamps
- Vertical lifting clamps
- Lateral lifting clamps
- Horizontal lateral lifting clamps, lifting hooks
- Steel beam lifting clamps, balance
- Screw cam clamps
- Beam clamps
- Super foot locks, lifting hooks
- Super lock hooks
- Drum lift clamps
- Lifting hooks for forklift, rail clamps
- Reinforcing rod vertical lifting clamps
- Clamp with fall arrest equipment

» Original Twist Cam System

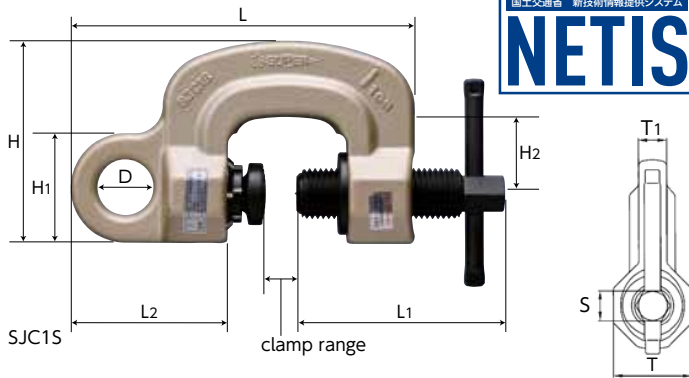
SJC-S

SCREW CAM CLAMP (Single Eye Type)  
Twist Cam Type PAT.

CHECK!

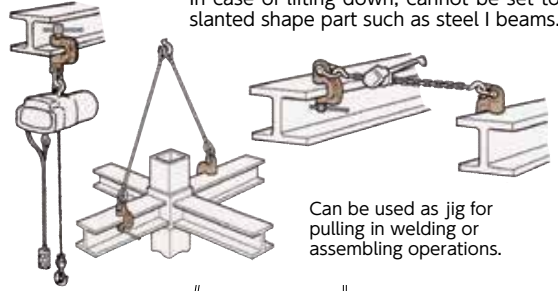


Operation manual & parts drawing

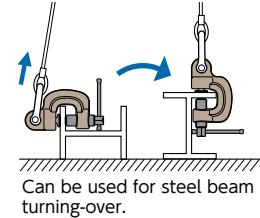


Example of use

⚠ Always lift a load at 2 or more points for safety.  
In case of lifting down, cannot be set to slanted shape part such as steel I beams.



Can be used as jig for pulling in welding or assembling operations.



Can be used for steel beam turning-over.

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

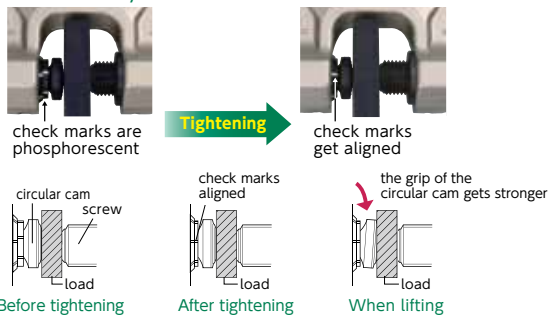
Drum lift clamps

Lifting hooks for forklift, rail clamps

Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

Visual safety check



Features

- All-purpose clamp that is especially ideal as lifting piece for chain blocks or hoists.
- The tightening mechanism with a screw and a circular cam (special spring type) provides sure clamping force on a load even when the load is landed or when vibrations occur during the lifting operation.
- High frequency quenching of special alloy steel gives greater toughness and durability.
- The main body has a champagne gold baked-on finish.
- The tightening check marks have phosphorescent (glow in the dark) paint for easy visual recognition.

Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)										N.W. (lb)
			L	L1	L2	H	H1	H2	D	T	T1	S	
SJC0.5S	0.5	0.00~0.98	6.22	3.50	2.91	4.23	1.93	1.77	1.06	1.73	0.63	0.67	3.75
SJC1S	1	0.00~1.57	7.87	4.76	3.58	4.67	2.52	1.77	1.26	2.05	0.71	0.83	6.61

Note : After having checked that the check clamps are aligned, operate tightening over 18.44ft·lb.

» Normal Type

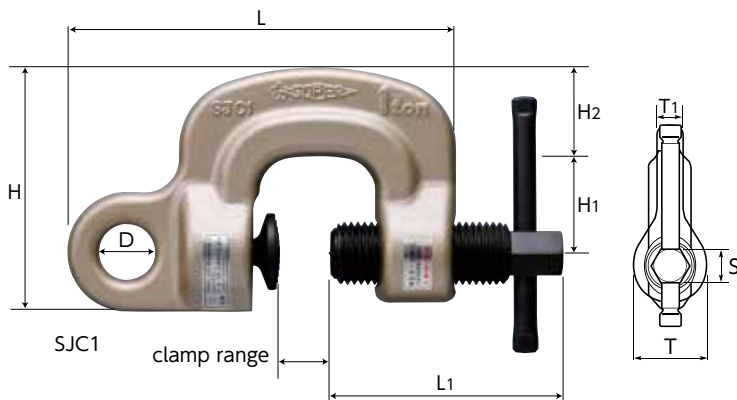
SJC

SCREW CAM CLAMP (Single Eye Type)

CHECK!



Operation manual & parts drawing



Example of use - Features

\* The features (except the twist cam with check marks) and the examples of use are the same as SJC-S.

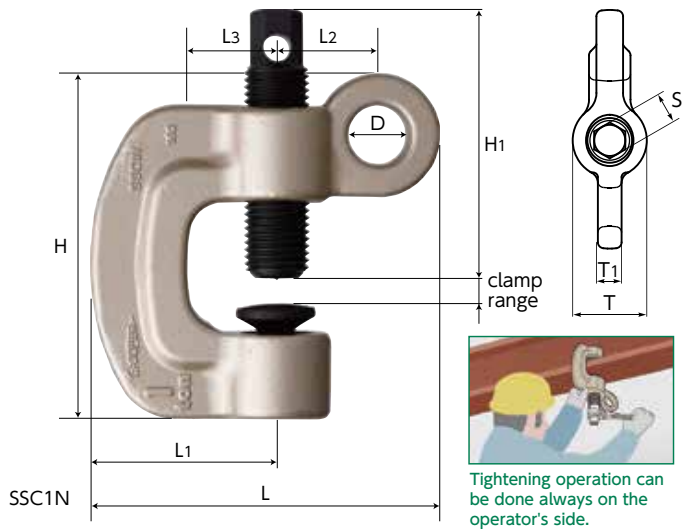
Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)									N.W. (lb)
			L	L1	H	H1	H2	D	T	T1	S	
SJC0.5	0.5	0.00~0.98	5.81	3.50	4.04	1.77	1.38	0.87	1.57	0.55	0.83	3.53
SJC1	1	0.00~1.57	7.17	4.29	4.53	1.77	1.65	1.02	1.81	0.63	0.83	5.73
SJC2	2	0.00~1.57	7.68	4.76	5.39	1.77	2.24	1.42	2.17	0.98	0.83	8.38
SJC3	3	0.00~1.57	8.64	5.35	6.10	1.97	2.56	1.77	2.36	1.18	0.83	10.58

Note : For the torque value of the screw tightening, operate tightening over 18.44ft·lb.

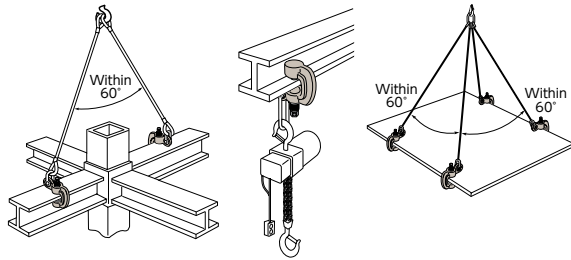
Easy Tightening for Hanging Operation

SSC-N

SCREW CAM CLAMP (Single Eye Type) PAT.



**Example of use** ⚠ Always lift a load at 2 or more points for safety.



Accessories

- 17x21 Double Size Ratchet Wrench (Short Type)

Features

- Ideal clamp for lifting up and down, and especially suitable as lifting piece for chain blocks or hoists.
- When used in horizontal lifting, the screw is placed on top (operator's side), so the tightening operation can be done easily (when installing underneath a beam, the tightening can be done on the operator's side).
- The circular cam has a mechanism with a spring making it always return to its original position.

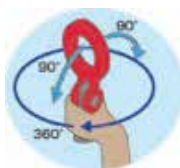
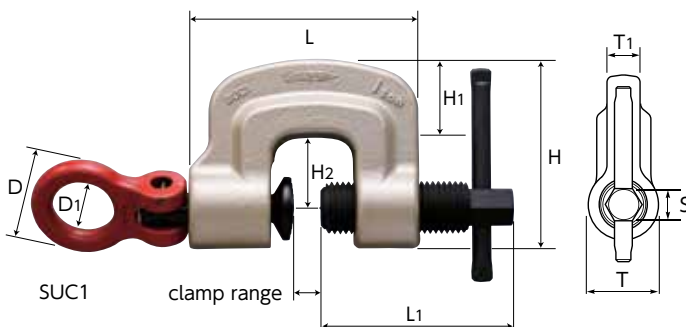
Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)										N.W. (lb)
			L	L1	L2	L3	H	H1	D	T	T1	S	
SSC0.5N	0.5	0.00~0.98	5.10	2.68	1.54	1.18	4.80	3.50	0.87	1.81	0.63	0.83	3.97
SSC1N	1	0.00~1.57	6.34	3.46	1.77	1.57	6.14	4.76	1.02	1.97	0.71	0.83	7.05
SSC2N	2	0.00~1.57	7.32	3.94	2.09	1.57	6.69	4.76	1.26	2.36	1.10	0.83	11.02

Note : For the torque value of the screw tightening, operate tightening over 18.44ft·lb.

Universal Shackle Type

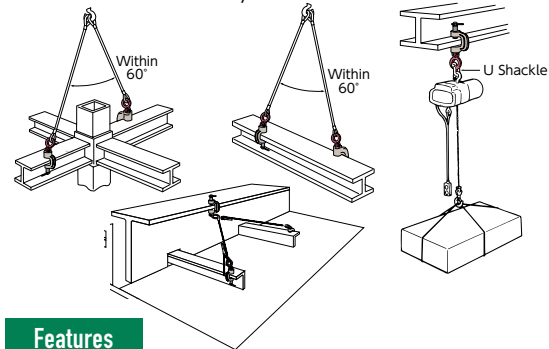
SUC

SCREW CAM CLAMP PAT.



※Using in the 90 degrees direction is only for pull operation. Lift up operation must be within in 30 degrees.

**Example of use** ⚠ Always lift a load at 2 or more points for safety.



Features

- The shackle turns at 360° in all lifting or pulling directions, enabling a stable lifting angle and a wide range for pulling operations.
- The screw and the circular cam provide sure clamping force.
- The cam tilts and the clamping force increases in proportion to the load weight in the lateral direction.
- The circular cam has a mechanism with a spring making it always return to its original position.

Applications

- Ideal for lifting, horizontal pulling and turning-over of steel plates and steel beams in industries like civil engineering, construction, shipbuilding, can manufacturing industry.
- Also most suitable as light-weight and compact type for lifting down chain blocks or hoists as a jig, or horizontally pulling structural steel.

Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)										N.W. (lb)	
			L	L1	H	H1	H2	D	D1	T	T1	S		
SUC0.5	0.5	0.00~0.98	4.70	3.50	3.58	1.50	1.18		2.36	1.38	1.81	0.87	0.83	5.29
SUC1	1	0.00~1.18	5.10	4.29	4.25	1.77	1.57		2.36	1.38	1.81	0.87	0.83	6.61
SUC1.6	1.6	0.00~1.18	5.22		4.33				2.95	1.77	1.97	1.02	0.83	8.16
SUC3.2	3.2	0.00~1.57	6.50	5.35	5.12	2.17	1.77		3.15	1.97	2.36	1.18	0.83	13.23

Note : For the torque value of the screw tightening, operate tightening over 18.44ft·lb.

★ Parts drawings and operation manuals can be downloaded from our website.  
● For all the appendix, please refer to P.54 ~56

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

» Original Twist Cam System with Universal Shackle

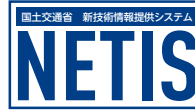
NEW **SUC-S**

SCREW CAM CLAMP Twist Cam Type PAT.

CHECK!

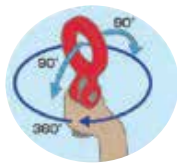
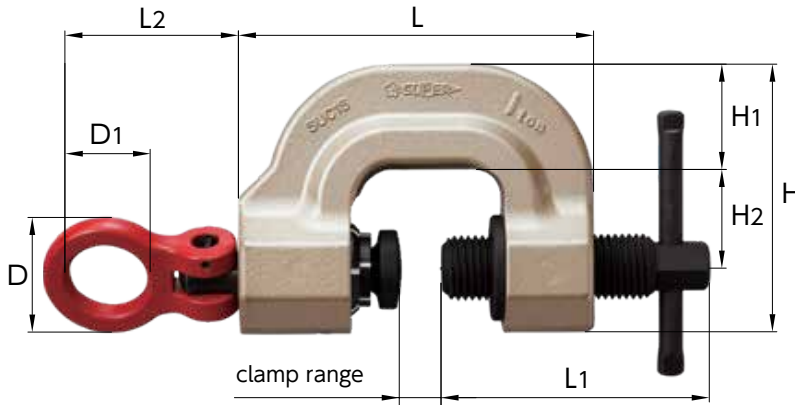


PDF of Catalogue

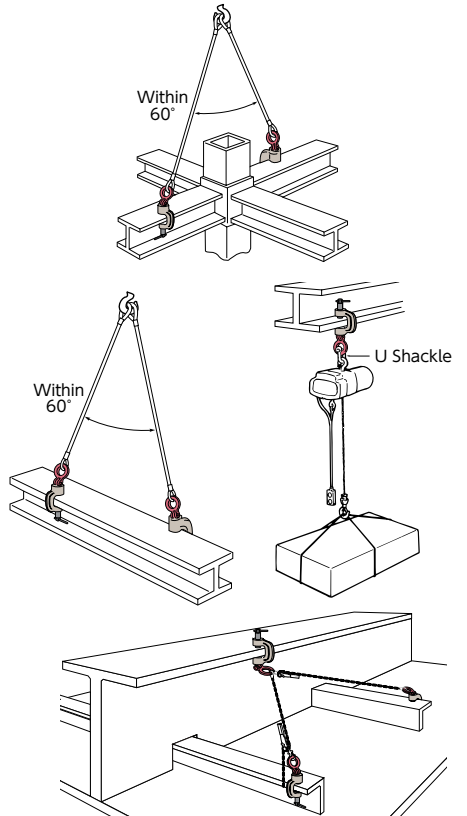
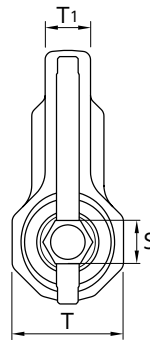


Example of use

⚠ Always lift a load at 2 or more points for safety.

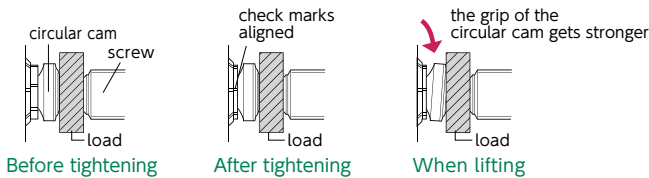
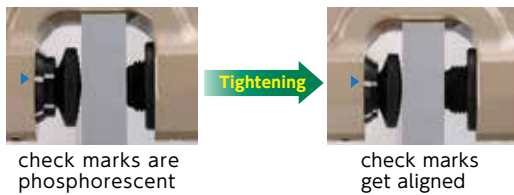


※Using in the 90 degrees direction is only for pull operation. Lift up operation must be within in 30 degrees.



Visual safety check

Safe and secure mechanism that allows tightening check With Twist Cam Mechanism



Features

- The shackle turns at 360° in all lifting or pulling directions, enabling a stable lifting angle and a wide range for pulling operations.
- The screw and the circular cam provide sure clamping force.
- The cam tilts and the clamping force increases in proportion to the load weight in the lateral direction.
- The circular cam has a mechanism with a spring making it always return to its original position.

Applications

- Ideal for lifting, horizontal pulling and turning-over of steel plates and steel beams in industries like civil engineering, construction, shipbuilding, can manufacturing industry.
- Also most suitable as light-weight and compact type for lifting down chain blocks or hoists as a jig, or horizontally pulling structural steel.

Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)										N.W. (lb)	
			L	L1	L2	H	H1	H2	D	D1	T	T1		S
<b>SUC0.5S</b>	0.5	0.00~0.98	4.92	3.50	3.07	3.66	1.50	1.18	2.36	1.38	1.81	0.87	0.83	5.51
<b>SUC1S</b>	1	0.00~1.57	6.30	4.76	3.07	4.80	1.89	1.77	2.36	1.38	2.13	0.87	0.83	9.26

Note : For the torque value of the screw tightening, operate tightening over 18.44ft·lb.

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

» Versatile Type

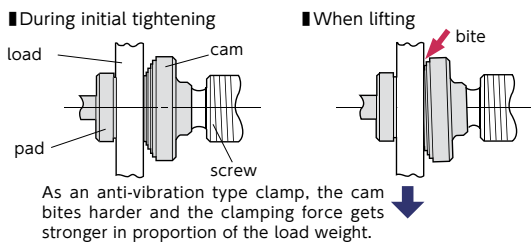
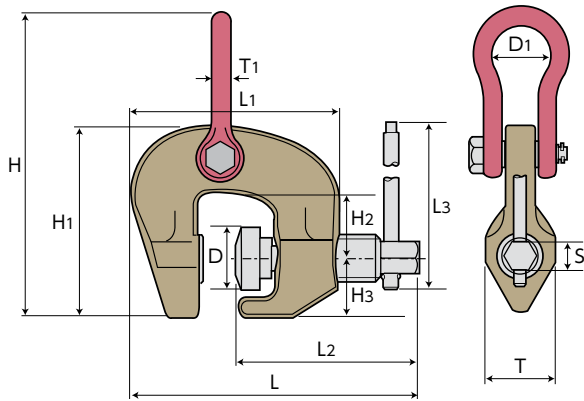
# SCC • SCC-W

SCREW CAM CLAMP (All-purpose Type)

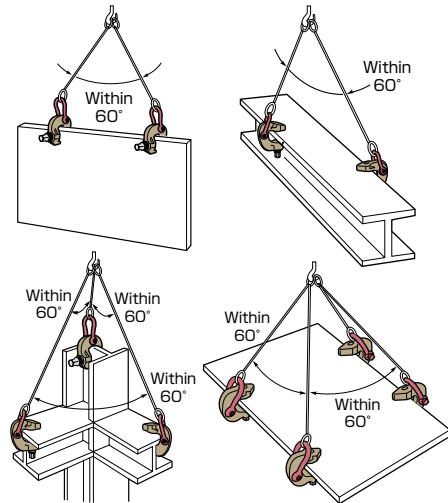
CHECK!



Operation manual & parts drawing



**Example of use** ⚠ Always lift a load at 2 or more points for safety.



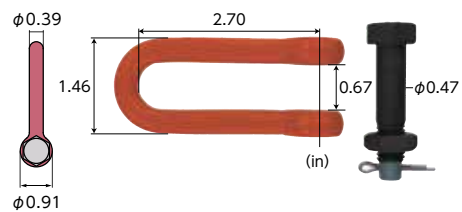
\*SCC0.5 and SCC-W(Wide Type) can be used only for vertical lifting, and use for lateral lifting is prohibited. SCC0.5 can be used for lateral lifting only by using a long shackle for SCC0.5 (sold separately).

### Features

- Simple all-purpose clamp showing its great power especially for lifting steel materials with complicated shapes (spherical plate, curved plate, etc.).
- Ideal for lifting, pulling operations.
- The tightening mechanism with a screw cam (universal spherical type) provides sure clamping force on a load even when the load is landed.
- The cam and the pad can be easily replaced.
- During lifting, the cam tilts in accordance with the load weight, the cam teeth bite harder into the load and the clamping force increases.

### PARTS

#### Long Shackle for SCC0.5



Item No.

**SCH0.5L**

Item No.	Rated capacity (ton)	Clamp range (in)	Size (in)													N.W. (lb)
			L (MIN)	L1	L2	L3	H	H1	H2	H3	D	D1	T	T1	S	
<b>SCC0.3W</b>	0.3	1.97~3.94	7.72	6.93	4.57	2.95	6.10	3.58	1.38	0.63	1.02	0.67	1.26	0.39	0.55	2.87
<b>SCC0.5</b>	0.5	0.00~1.10	4.96	4.09	3.62	2.36	4.45	2.99	1.04	0.63	1.02	0.67	1.18	0.39	0.55	1.76
<b>SCC1</b>	1	0.00~1.18	6.89	5.83	4.96	7.48	8.03	5.04	1.77	1.50	1.65	1.50	1.81	0.47	0.83	7.05
<b>SCC1W</b>	1	1.97~3.94	10.16	8.86	6.02	7.48	10.75	7.48	3.46	1.50	1.65	1.77	1.81	0.63	0.83	13.23
<b>SCC1.5</b>	1.5	0.00~1.26	7.36	6.06	5.31	7.48	9.02	5.63	2.05	1.54	1.65	1.77	1.81	0.63	0.83	8.82
<b>SCC3</b>	3	0.00~1.97	8.82	7.48	6.50	9.45	10.43	6.50	2.36	1.77	1.93	1.97	2.13	0.75	0.83	13.23
<b>SCC3W</b>	3	0.98~2.95	9.84	8.46	6.50	9.45	11.46	7.52	2.99	1.77	1.93	1.97	2.13	0.75	0.83	17.20
<b>SCC6</b>	6	0.00~2.95	11.46	10.04	8.46	9.45	14.37	8.43	2.99	2.13	2.48	3.15	2.72	1.24	0.83	39.68

Note : For the torque value of the screw tightening, operate tightening over 25.81 ft·lb [for SCC0.3W and SCC0.5, over 3.69ft·lb]

★ Parts drawings and operation manuals can be downloaded from our website.  
● For all the appendix, please refer to P.54 ~56



Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

» Compact Jaw Type for Narrow Spaces

SBN

BEAM CLAMP

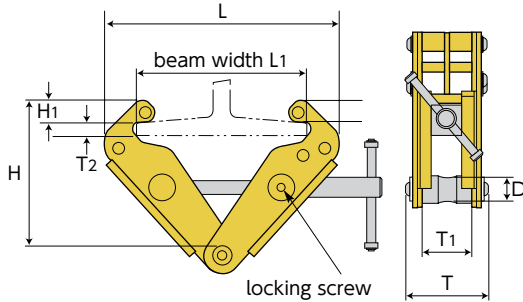
CHECK!



Operation manual & parts drawing



SBN1



Example of use



Features

- Lifting piece for chain blocks or hoists.
- Ideal for being fixed to H or I beam, and hanging a chain block or a wheel.
- Suitable as a connecting clamp to beams in various sites like factories and construction sites.
- Can be easily fixed or removed just by tightening or loosening the screw.
- The head part (H1) is small, to fit conveniently even in narrow spaces.
- For permanent fixing or fixing in a place with vibrations, tighten the locking screw on the side of the clamp with a hex key wrench to prevent main screw loosening.

Item No.	Rated capacity (ton)	Size (in)								N.W. (lb)
		Applicable beam width L1	Applicable beam thickness T2	L	H (MAX)	H1	D	T	T1	
SBN1	1	2.95~9.06	0.35~0.98	11.81	7.52	1.02	0.79	3.03	1.81	10.58
SBN2	2	2.95~9.06	0.35~0.98	11.97	7.52	1.02	0.79	3.82	2.28	13.67
SBN3	3	3.15~12.60	0.39~1.38	16.73	10.43	1.02~1.61	1.26	4.61	2.72	27.78
SBN5	5	3.54~12.60	0.39~1.38	16.73	10.43	1.26~1.61	1.26	4.92	2.72	31.53

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

» Standard Type

SBN-E

BEAM CLAMP

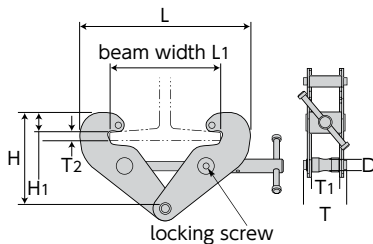
CHECK!



Operation manual & parts drawing



SBN1E



Example of use



Features

- Lifting piece for chain blocks or hoists.
- Ideal for being fixed to H or I beam, and hanging a chain block or a wheel.
- Suitable as a connecting clamp to beams in various sites like factories and construction sites.
- Can be easily fixed or removed just by tightening or loosening the screw.
- For permanent fixing or fixing in a place with vibrations, tighten the locking screw on the side of the clamp with a hex key wrench to prevent main screw loosening.

Item No.	Rated capacity (ton)	Size (in)								N.W. (lb)
		Applicable beam width L1	Applicable beam thickness T2	L	H (MAX)	H1	D	T	T1	
SBN1E	1	2.95~9.06	0.31~0.79	13.78	7.80	1.26~1.89	0.79	3.31	1.97	8.38
SBN2E	2	2.95~9.06	0.31~0.79	13.78	7.87	1.26~1.97	0.79	3.70	1.97	10.14
SBN3E	3	3.15~12.60	0.39~1.26	17.76	11.22	1.65~2.36	0.87	4.80	2.76	20.28
SBN5E	5	3.54~12.60	0.39~1.26	17.76	11.22	1.65~2.36	1.10	5.08	2.76	24.25

» For Road Plates

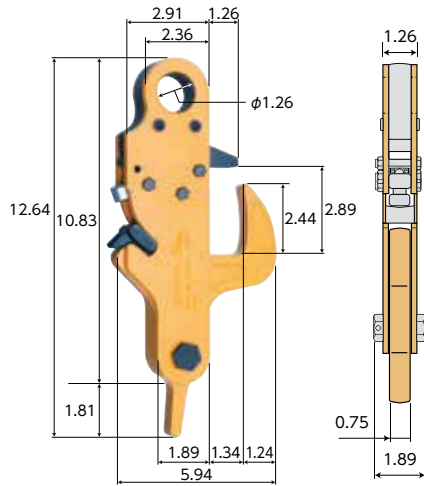
SDH3

SUPER FOOT LOCK

CHECK!



PDF of Catalogue and movie



Example of use

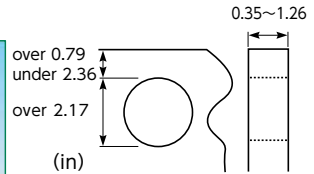
Setting



Lifting



Extracting



⚠ The applicable road plate thickness and hole dimensions shall be within the ranges of the drawing.

How to use (extraction type)

- 1** Labels: pedal, trigger, stopper, latch, hook.
- 2** Push the trigger in the direction of the arrow to release the lock. When the lock is released, the hook is free.
- 3** Press the stopper in the direction of the arrow so that the trigger returns the self-locking position. When the lock is released, the hook is free.
- 4** **Setting**  
In this state where the hook is free, insert the hook end into the road plate hole and step on the pedal with your foot.
- 5** **Locking**  
When the hook is completely inserted into the road plate hole, push down the main body until it gets parallel to the road plate, and the hook gets automatically locked.
- 6** **Lifting**  
After having confirmed that the hook is locked by the trigger, lift the road plate.
- 7** **Releasing**  
After having lifted it, land the road plate and push the trigger in the direction of the arrow to release the lock.
- 8** **Extracting**  
Just by lifting it, you can extract it automatically from the road plate.

Features

- Hook dedicated to road plates (extraction type).
- Ideal for laying and removing road plates.
- You can easily remove the hook just by lifting it when the lock is released.

Item No.	Rated capacity (ton)	N.W. (lb)
SDH3	3	8.38

» For Road Decking Panels

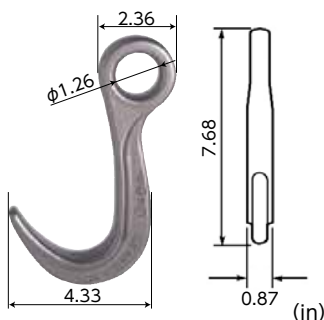
FKH1

LIFTING HOOK

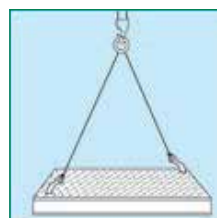
CHECK!



PDF of Catalogue



Example of use



⚠ Always lift a load at 2 or more points for safety.

Features

- Hook dedicated to road decking panels.
- Ideal for lifting and installing road decking panels.
- Light weight and simple design for easy operation.

Item No.	Rated capacity (ton)	N.W. (lb)
FKH1	1	2.09

★ Parts drawings and operation manuals can be downloaded from our website.  
● For all the appendix, please refer to P.54 ~56



- Vertical & lateral lifting clamps
- Vertical lifting clamps
- Lateral lifting clamps
- Horizontal lateral lifting clamps, lifting hooks
- Steel beam lifting clamps, balance
- Screw cam clamps
- Beam clamps
- Super foot locks, lifting hooks
- Super lock hooks
- Drum lift clamps
- Lifting hooks for forklift, rail clamps
- Reinforcing rod vertical lifting clamps
- Clamp with fall arrest equipment

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

» Automatic Releasing System

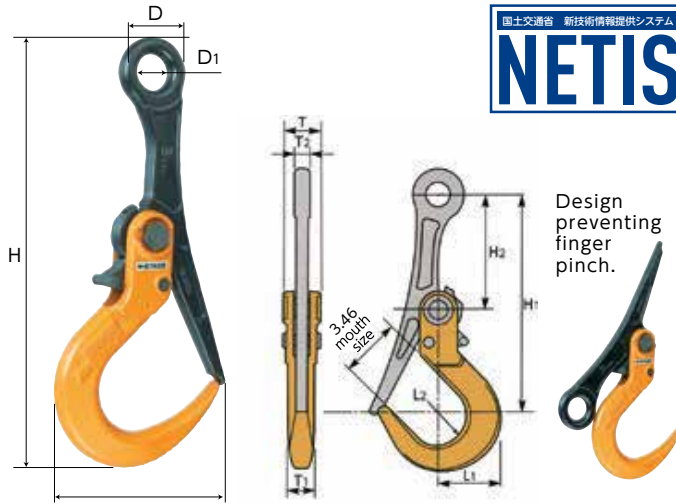
SLH3A

SUPER LOCK HOOK (Open / Close Lock Type)

CHECK!

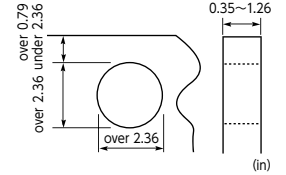


PDF of Catalogue



Example of use

Laying and removing road plates



⚠ The applicable road plate thickness and hole dimensions shall be within the ranges of the drawing and the chart.

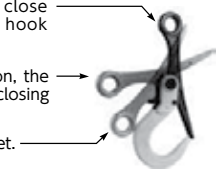
Features

- During lifting, the close lock is automatically set so that the load can be lifted safely without coming off.
- When removing the hook, as a lever enables to set an open lock, removing the hook from works like a crane for instance is very easy.
- The hook mouth opens widely, making load set or remove operation very simple.

Turning the shackle and close the mouth will lock the hook automatically.

When lifting in this position, the shackle turns only to the closing direction.

State with the open lock set.



Open lock mechanism

- 1) Take down the load
- 2) Push down the lever, turn the lever until the end and release the lever.
- 3) The open lock gets set and the shackle stays open.
- 4) Just by lifting it, the hook comes off automatically. (Be careful of the hook swing at the moment it comes off.)

Item No.	Rated capacity (ton)	Size (in)										N.W. (lb)	
		L	L1	H	H1	H2	D	D1	R	T	T1		T2
SLH3A	3	6.65	3.07	15.08	11.02	5.71	2.52	1.26	1.50	2.13	1.30	0.71	8.82

» For Extra Safety

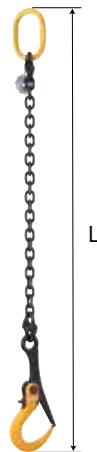
SLH3AC

SUPER LOCK HOOK WITH CHAIN SLING (Open / Close Lock Type)

CHECK!



PDF of Catalogue



Features

- Chain slings can be used safely for a longer time than wire ropes.
- Including a tag showing the serial number and the rated capacity for control.
- When removing the hook, as a lever enables to set an open lock, removing the hook from works like a crane for instance is very easy.

Size of master link

- Inner diameter: 2.76×5.51in
- Wire diameter of master link: φ0.75in



Item No.	Rated capacity (ton)	Set details		L (in)	N.W. (lb)
		Super lock hook item No.	Chain item No.		
SLH3AC	3	SLH3A	CSC31	54.76	16.09



## Normal Type

# SLH-N

## SUPER LOCK HOOK

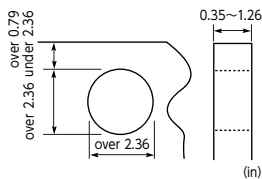
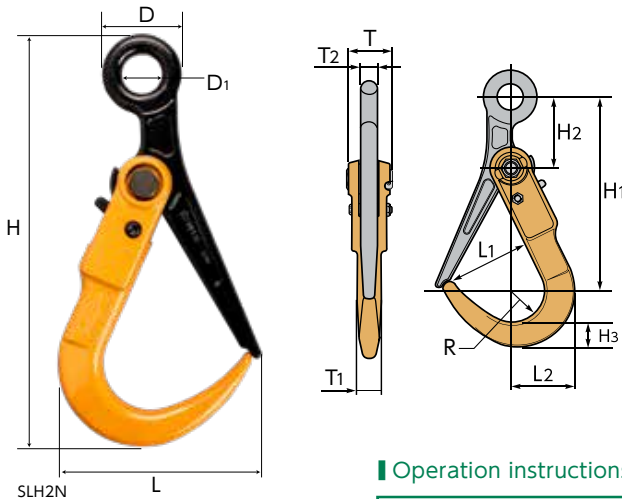


### Example of use

■ Laying and removing road plates

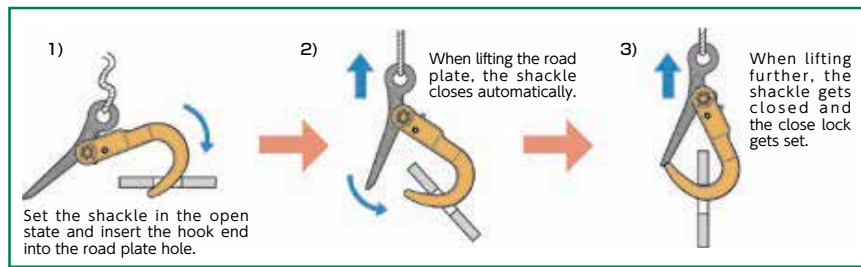


■ As a safety hook for direct lifting



⚠ The applicable road plate thickness and hole dimensions shall be within the ranges of the drawing and the chart.

### Operation instructions for lifting a road plate



Item No.	Rated capacity (ton)	Size (in)														N.W. (lb)
		L	L1	L2	H	H1	H2	H3	D	D1	R	T	T1	T2		
SLH1N	1	5.51	3.15	2.56	11.73	8.27	3.15	1.10	2.20	0.94	1.26	1.89	1.10	0.63	5.51	
SLH2N	2	6.54	4.13	2.95	13.23	9.29	3.50	1.18	2.52	1.26	1.50	2.13	1.14	0.71	7.05	
SLH3N	3	6.65	4.13	3.07	13.35	9.29	3.50	1.30	2.52	1.26	1.50	2.13	1.22	0.71	7.50	

## For Extra Safety

# SLH-NC

## SUPER LOCK HOOK WITH CHAIN SLING

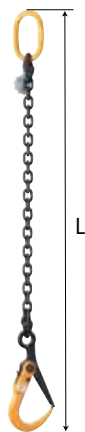


### Features

- Chain slings can be used safely for a longer time than wire ropes.
- Including a tag showing the serial number and the rated capacity for control.

### Size of master link

- Inner diameter: 2.76×5.51in
- Wire diameter of master link:  $\phi$ 0.75in



Item No.	Rated capacity (ton)	Set details		L (in)	N.W. (lb)
		Super lock hook item No.	Chain item No.		
SLH2NC	2	SLH2N	CSC31	52.91	14.77
SLH3NC	3	SLH3N	CSC31	53.03	15.21

★ Parts drawings and operation manuals can be downloaded from our website.  
● For all the appendix, please refer to P.54 ~56

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

» Swivel Type

SLH-S

SUPER LOCK HOOK

CHECK!



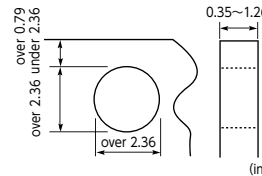
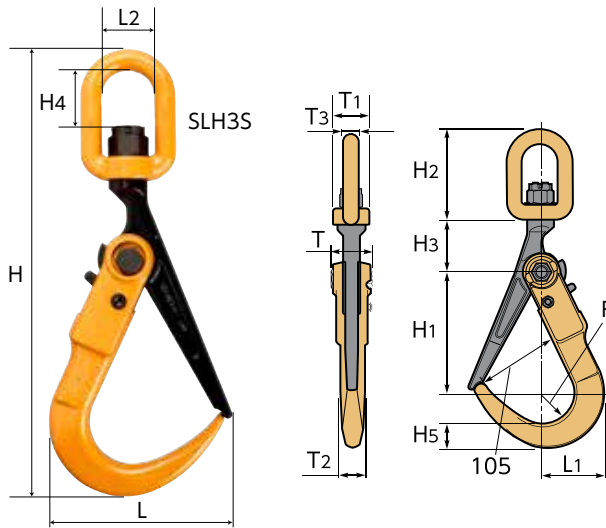
Operation manual, parts drawing and movie

Example of use

■ Laying and removing road plates



■ As a safety hook for direct lifting



⚠ The applicable road plate thickness and hole dimensions shall be within the ranges of the drawing and the chart.

Features

- The swivel eye bolt included enables smooth returning of wire rope, thereby preventing the road plate from turning.

Item No.	Rated capacity (ton)	Size (in)													N.W. (lb)	
		H	H1	H2	H3	H4	H5	L	L1	L2	R	T	T1	T2		T3
SLH2S	2	15.83	5.79	4.61	2.76	1.97	1.18	6.54	2.95	1.85	1.50	2.13	1.81	1.14	0.75	9.26
SLH3S	3	15.94					1.30	6.65	3.07					1.22		9.92

» For Extra Safety

SLH-SC

SUPER LOCK HOOK WITH CHAIN SLING (with Swivel)

CHECK!



PDF of Catalogue

» Light Weight & High Durability

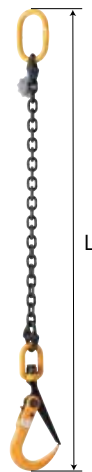
CSC31

CHAIN SLING

CHECK!



PDF of Catalogue



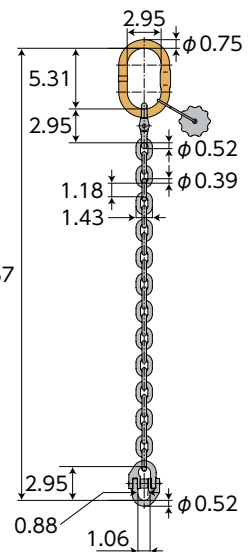
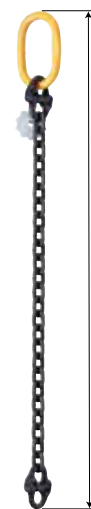
- Size of master link
- Inner diameter: 2.76×5.51 in
- Wire diameter of master link:  $\phi 0.75$  in



Features

- Chain slings can be used safely for a longer time than wire ropes.
- Including a tag showing the serial number and the rated capacity for control.
- The swivel eye bolt included enables smooth returning of the chain, thereby preventing the road plate from turning.

Item No.	Rated capacity (ton)	Set details		L (in)	N.W. (lb)
		Super lock hook item No.	Chain item No.		
SLH2SC	2	SLH2S	CSC31	55.39	16.98
SLH3SC	3	SLH3S	CSC31	55.51	17.64



Features

- Convenient for using directly with our super lock hooks.
- Our chain slings are based on JISV class, making them light-weight and strong.

Item No.	Rated capacity (ton)	L (in)	N.W. (lb)
CSC31	3	40.83	7.72

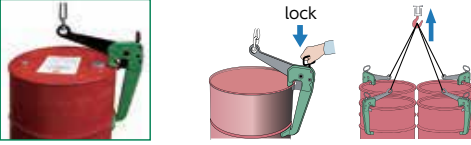
» Stable Lifting for Drums

**DLC0.5V**

**DRUM LIFT CLAMP (Vertical Lifting)**

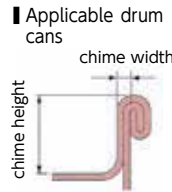


**Example of use** ⚠ You cannot lift a drum can with no lid. Don't use for turning over a drum can.

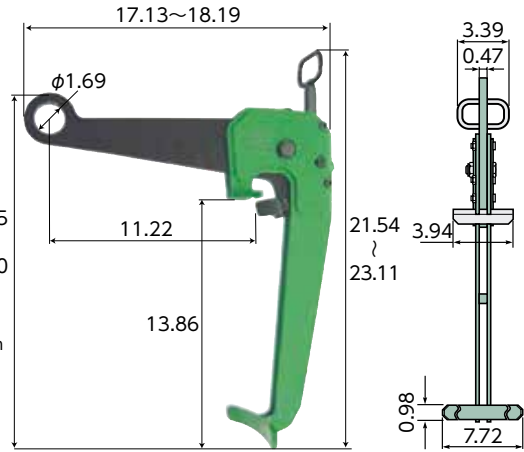


**Features**

- Clamp dedicated to vertical lifting of drum cans.
- Easy operation with firm locking (by wedge method).
- You can safely lift a drum can vertically.
- Easy to lock by pushing and pulling the handle.
- The lifting ring diameter is large enough to be hooked directly.



JIS Z1601 type : H class and M class (with 23.62inφ lid) and drum cans with lid of 19.69 to 27.56in in diameter, with chime thickness of 0.08 to 0.14in and chime height of 0.87 to 1.10in (lifting is vertical only for 23.62inφ lid).



Item No.	Rated capacity (ton)	Clamp range (in)	N.W. (lb)
<b>DLC0.5V</b>	0.5	Chime width: 0.08~0.14, Chime height: 0.87~1.10	19.84

» Easy Operation for Open Drum

**DLC0.5**

**DRUM LIFT CLAMP**

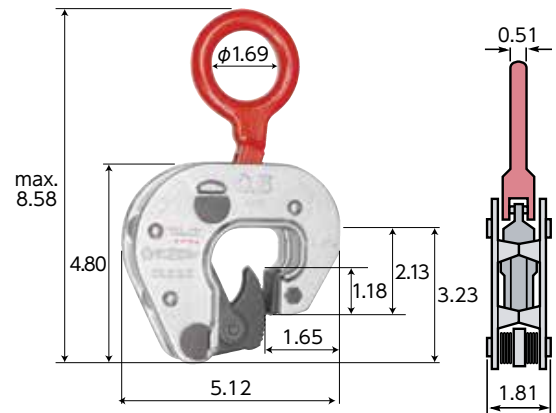


**Features**

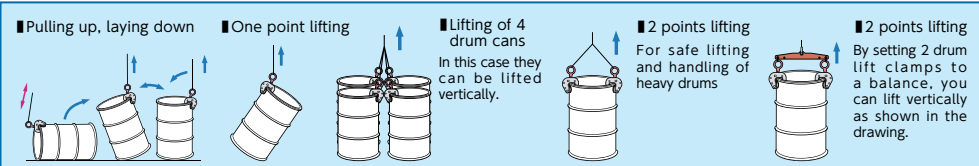
- Clamp dedicated to lifting drum cans.
- Easy lifting of steel drums and drums without lid by one touch grip of the chime.
- Drum cans can be easily lifted vertically and turned over.

**Applicable drum can**

Chime height over 0.98in and  
Drum conforming to JIS Z1600 H class or M class  
Drum conforming to JIS Z1601 H class or M class



**Example of use** ⚠ You cannot lift a drum can with no chime. Do not lift 5 or more drum cans for safety.



Cam, pad : line type



Item No.	Rated capacity (ton)	N.W. (lb)
<b>DLC0.5</b>	0.5	4.41

» Adjustable Span Type

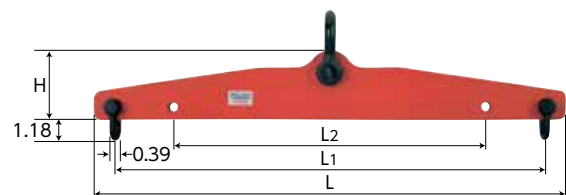
**DSB1S**

**BALANCE FOR DRUM LIFT CLAMP**



**Features**

- Balance dedicated to drum lift clamp (DLC0.5).
- Lifting width between 2 points (L1, L2).



Item No.	Rated capacity (ton)	Size (in)				N.W. (lb)
		L	L1	L2	H	
<b>DSB1S</b>	1	26.57	24.21	17.52	3.94	13.23

★ Parts drawings and operation manuals can be downloaded from our website.  
● For all the appendix, please refer to P.54 ~56

Vertical & lateral lifting clamps  
Vertical lifting clamps  
Lateral lifting clamps  
Horizontal lateral lifting clamps, lifting hooks  
Steel beam lifting clamps, balance  
Screw cam clamps  
Beam clamps

Super foot locks, lifting hooks  
Super lock hooks  
Drum lift clamps

Lifting hooks for forklift, rail clamps  
Reinforcing rod vertical lifting clamps  
Clamp with fall arrest equipment

Stable Lifting with Fixing Bolts & Swivel Hook

FLH

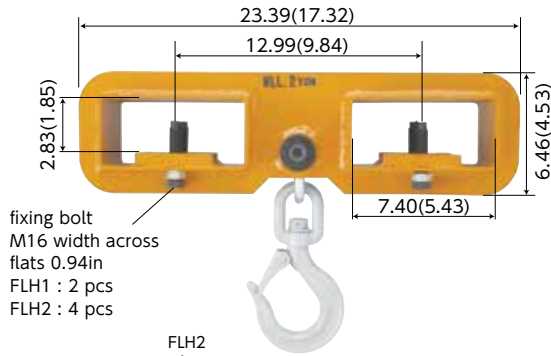
LIFTING HOOK FOR FORKLIFT

CHECK!



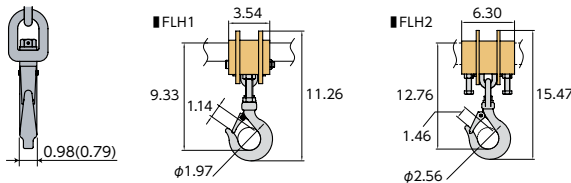
Operation manual & parts drawing

Example of use



fixing bolt  
M16 width across  
flats 0.94in  
FLH1 : 2 pcs  
FLH2 : 4 pcs

FLH2  
( ) are sizes for FLH1



Features

- Balance with hook dedicated to forklifts.
  - Can be used immediately just by setting to the forklift jaws.
  - Fixing can be done very simply by tightening the fixing bolts.
  - The swivel hook with latch allows free hook direction.
- ⚠ Do not turn around the hook while lifting (loading).

Item No.	Rated capacity (ton)	Applicable forklift claw size (in)		N.W. (lb)
		Width	Thickness	
FLH1	1	2.76~4.72	0.59~1.57	26.46
FLH2	2	4.72~5.91	1.50~2.56	52.91

For Various Types of Rails

RGC

RAIL CLAMP

CHECK!



Operation manual & parts drawing

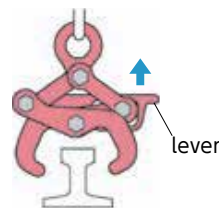
Features

⚠ Always lift a load at 2 or more points for safety.

- Clamp dedicated to various types of rail for railroads.

Releasing lock mechanism

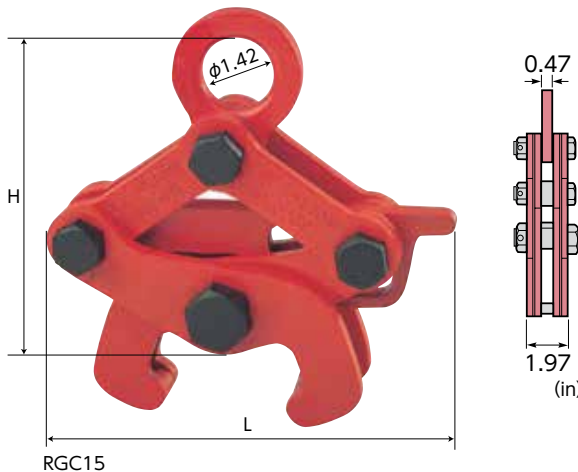
Tightening lock mechanism



Position the clamp above the rail as shown in the drawing. Pull the shackle while raising the lever to tighten the clamp.



When the lever is released, the tightening lock is set automatically, and you can lift the rail as shown in the drawing.



Item No.	Rated capacity (ton)	Applicable rail (Nominal)	Application	Size (in)		N.W. (lb)
				H	L	
RGC10	1	13.23lb rail	Rails for civil engineering trolley	7.80	8.07	11.02
		19.84lb rail				
		22.05lb rail				
RGC15	1	26.46lb rail		7.80	8.07	11.02
		33.07lb rail				
		48.50lb rail				
RGC30	1	66.14lb rail	Small to medium railroad rails	7.80	8.07	11.02
		81.57lb rail				

Item No.	Rated capacity (ton)	Applicable rail (Nominal)	Application	Size (in)		N.W. (lb)
				H	L	
RGC50	1	88.18lbN rail	Small to medium railroad rails	7.80	8.07	11.02
		110.23lb rail				
		110.23lbN rail				
RGC75	1	132.28lb rail	Shinkansen rails	8.98	10.00	13.23
		CR73K rail				
RGC100	1	CR74K rail	Crane rails	9.21	10.39	13.23
		CR100K rail				
		CR101K rail				

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

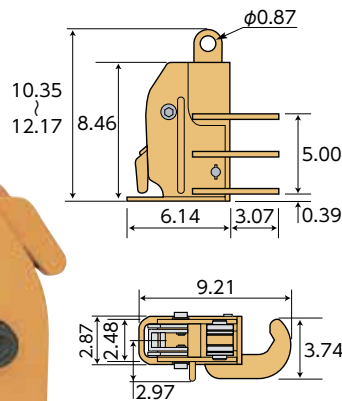
Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment

## Normal Type

# TVC1

## REINFORCING ROD VERTICAL LIFTING CLAMP



### Example of use

When you connect the rope to the remote control lever and you pull it, the open lock gets set and the clamp can be easily removed.



### Accessories

- Rope for remote control (114.17in) included

### Features

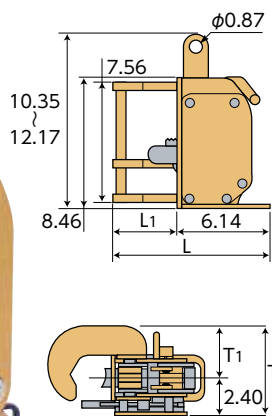
- Ideal for assembling, pressure welding and extracting reinforcing steel rods.
- This clamp allows sure and safe vertical lifting of pre-assembled rods and round or irregulars shaped bars.
- The open lock is a center lever type, enabling remote control with the rope included.
- As the clamp body has been designed to have no superfluous components protruding on the sides, rod lifting operations and remote operations can be done smoothly.
- When clamping a load, the curved shaped holding plate and the cam generate a sure grip of the rod.

Item No.	Rated capacity (ton)	Applicable diameters (in)	Applicable reinforcing rod name	N.W. (lb)
<b>TVC1</b>	1	$\phi 0.63 \sim 1.61$	D16~D38	13.23

## Double Lock Type

# TVC1L

## REINFORCING ROD VERTICAL LIFTING CLAMP



### Example of use

1. When the remote control lever is pulled up, the cam bites the reinforcing rod and the anti-drop off lever comes out.
2. To release the rod, pull down the stopper of the anti-drop off lever and pull the rope. The open lock gets set and the clamp can be easily removed.



### Accessories

- Ropes for remote control (yellow : 114.17in ; white : 59.06in) included

### Features

- Clamp for reinforcing rod including a safety lever to prevent rod dropping off.
- This clamp allows sure and safe vertical lifting of pre-assembled rods and round or irregulars shaped bars.
- The open lock is a center lever type, enabling remote control with the rope included.
- When the remote lever is pulled up, the anti-drop off lever on the side of the body comes out to prevent safely reinforcing rod from coming off from the push up pressure.

TVC1L3

Item No.	Rated capacity (ton)	Applicable diameters (in)	Applicable reinforcing rod name	Size (in)				N.W. (lb)
				L	L1	T	T1	
<b>TVC1L3</b>	1	$\phi 0.63 \sim 1.61$	D16~D38	9.21	3.07	4.88	2.48	24.25
<b>TVC1L5</b>	1	$\phi 1.38 \sim 2.17$	D35~D51	10.39	4.25	5.83	3.43	26.46

★ Parts drawings and operation manuals can be downloaded from our website.  
● For all the appendix, please refer to P.54 ~56

» Anti-accidental Falls

SSCC130

CLAMP WITH FALL ARREST EQUIPMENT

CHECK!



PDF of Catalogue

Vertical & lateral lifting clamps

Vertical lifting clamps

Lateral lifting clamps

Horizontal lateral lifting clamps, lifting hooks

Steel beam lifting clamps, balance

Screw cam clamps

Beam clamps

Super foot locks, lifting hooks

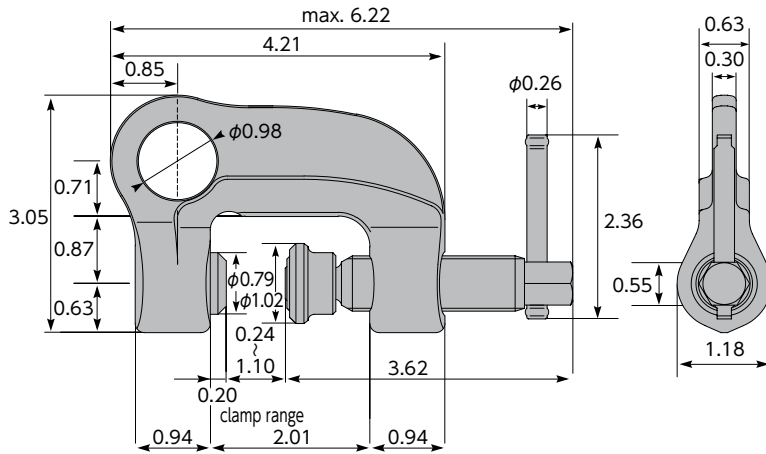
Super lock hooks

Drum lift clamps

Lifting hooks for forklift, rail clamps

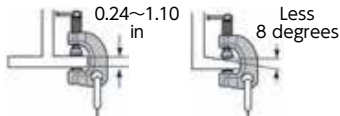
Reinforcing rod vertical lifting clamps

Clamp with fall arrest equipment



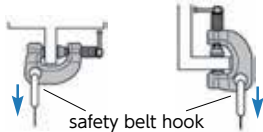
Handling of clamps with fall arrest equipment

Right setting point



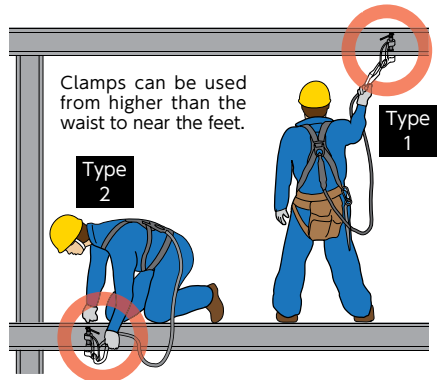
⚠ It cannot be set to slanted-shape part such as steel objects I-beam.

Right setting direction



Example of use

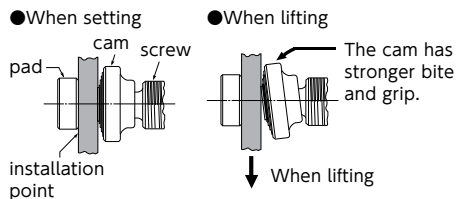
Fall arrest equipment (safety belt) standard (compatible type 1 and type 2)



Features

- Upgraded the maximum usable equipment weight up to 286.60 lb.
- Screws, cams, and pads make clamps hard to come off even when vibrations occur during operation.
- In proportion to the increased tensile force of the rope (lifeline), the cam tilts to increase the tangential surface and grips more strongly.
- High frequency quenching of special alloy steel gives greater toughness and durability.

Structure of cam



Item	Maximum usable equipment weight (lb)	Clamp range (in)	N.W.(lb)
SSCC130	286.60	0.24~1.10	1.50

\* Equipment weight means the total weight of body and all equipment. \* Please use the type 1 and 2 of fall arrest equipment (safety belt) standard. \* For the torque value of the screw tightening, operate tightening over 3.69ft·lb.

# LIFTING CLAMPS FOR CONCRETE MATERIAL



P.39

Lifting clamps for concrete material  
[ cam type, pad type ]



P.40

Lifting clamps for concrete material  
[ manual, machine type ]



P.41

Lifting clamps for concrete material  
[ adjustable clamp range type ]



P.41

Balances



P.42

Lifting clamps for concrete material  
[ adjustable clamp range type ]



P.43

Internal expanding lifting clamps  
for U shaped gutter

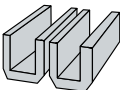
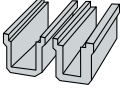

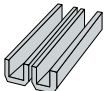

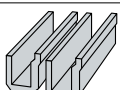



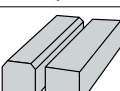
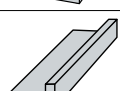


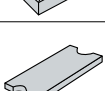

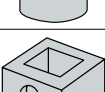
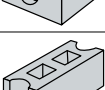


P.45

Batch lifting clamps for bank block

LIFTING CLAMPS FOR CONCRETE MATERIAL

## APPLICABLE CONCRETE MATERIALS AND CLAMPS CHART ● Compliant item ▲ Item that can be used

Concrete materials		Lifting clamps for concrete material	CGC	CGC-N	SKC (SKC-M) (SKC-W)	SKC-D	BUC-N BUC-A	UGC-M	AMC-N	KBC (KBC-WH) (KBC-WA)
Page number			P39	P39	P40	P40	P43·P44	P42	P41	P45·P46
U shaped gutter Single side thick U shaped gutter			●	●	●	●	●	▲	●	
Drop-lid type U shaped gutter Single side thick drop-lid type U shaped gutter			● 1000			●	●			
U flume			●	●	●	●			▲	
Long U shaped gutter Single side thick long U shaped gutter						●	●			
U shaped gutter (large drainage ditch)						●	●			
Special U shaped gutter Single side thick special U shaped gutter			▲	▲	▲	●	●		▲	
Flume (aqueduct)						●	●			
Retaining gutter block			▲	▲	▲	●			▲	
L shaped panel			●	●	●	●			●	
Boundary block								●	●	
L shaped concrete block								●	●	
Concrete board			● vertical lifting	● vertical lifting	● vertical lifting	● vertical lifting		●	●	
Bank block										● batch lifting
U shaped ditch lid								●		
Concrete pipe for well (assembly sewage manhole)			●		●	●				
Catch basin									▲	
Block								●	●	

Note : Even for same item name, it can be compliant or not with the concrete material depending on the item size. Always check with the operation manual.



## Outstanding Durability

# CGC

### LIFTING CLAMP FOR CONCRETE MATERIAL (Cam Type)

CHECK!

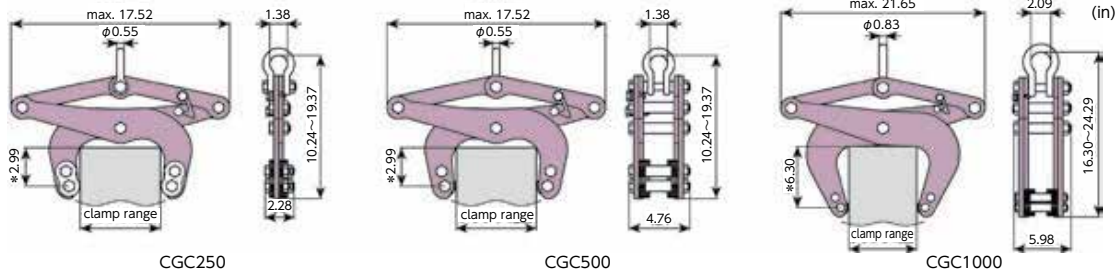


Operation manual & parts drawing



CGC250

CGC500



\* Dimensions with concrete material at max. thickness.

Item No.	Rated capacity (lb)	Clamp range (in)	N.W. (lb)
<b>CGC250</b>	551.16	1.18~6.30	13.23
<b>CGC500</b>	1102.31	1.18~6.30	26.46
<b>CGC1000</b>	2204.62	1.18~7.09	57.32

### Example of use

Always lift a load at 2 or more points for safety.



### Features

- Ideal for various kinds of concrete materials like U shaped gutters, U flumes, L shaped panels, boards.
- New cam design with 4 adjustable positions, allowing outstanding durability.
- The releasing lock can be easily set and released by a single action with the hook plate.

## Special Rubber Pad Type

# CGC-N

### LIFTING CLAMP FOR CONCRETE MATERIAL (Pad Type)

CHECK!

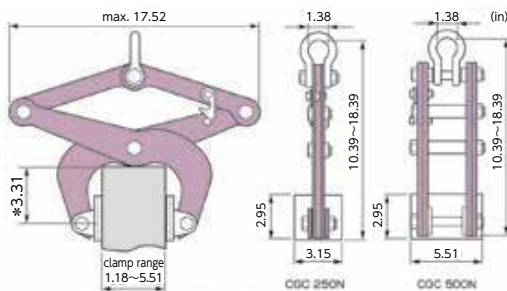


Operation manual & parts drawing



CGC250N

CGC500N

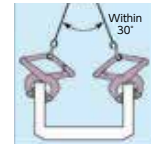


\* Dimensions with concrete material at max. thickness.

Item No.	Rated capacity (lb)	Clamp range (in)	N.W. (lb)
<b>CGC250N</b>	551.16	1.18~5.51	13.23
<b>CGC500N</b>	1102.31	1.18~5.51	26.46

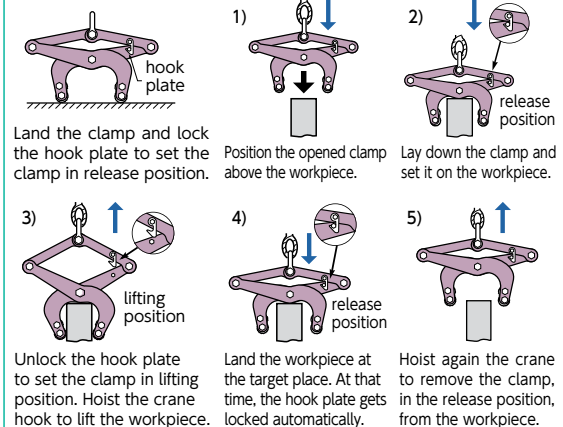
### Example of use

Always lift a load at 2 or more points for safety.



### RELEASE & LOCK MECHANISM OPERATION

With CGC and CGC-N clamps, when you lock the hook plate, the releasing lock mechanism allows easy set or remove of the workpiece.



### Features

- Ideal for various kinds of concrete materials like U shaped gutters, U flumes, L shaped panels, boards.
- The spike design of the special rubber pads allows to grip firmly the load (can also be used as non-marring type).
- The releasing lock can be easily set and released by a single action with the hook plate.

\* Parts drawings and operation manuals can be downloaded from our website.  
 ● For all the appendix, please refer to P.54 ~56

» Light Weight & Easy Handling

SKC150(M) • SKC250(W) • SKC1250D

LIFTING CLAMP FOR CONCRETE MATERIAL  
(Manual / Machine Type)

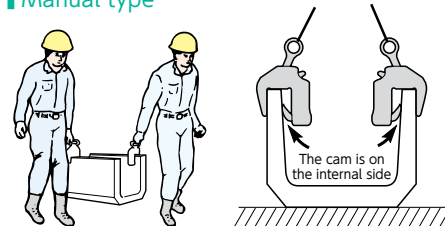
CHECK!



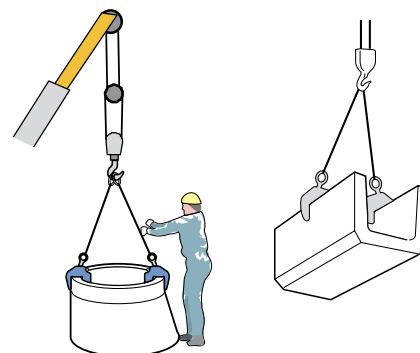
Operation manual & parts drawing

Example of use Always lift a load at 2 or more points for safety.

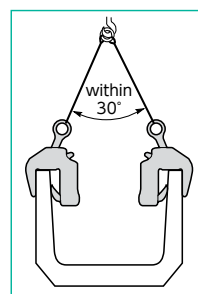
Manual type



Machine type



\* SKC1250D (deep wide type) shows its great power especially for lifting assembly sewage manhole.



Cam types, pad types

Manual, machine types

Adjustable clamp range types, balances

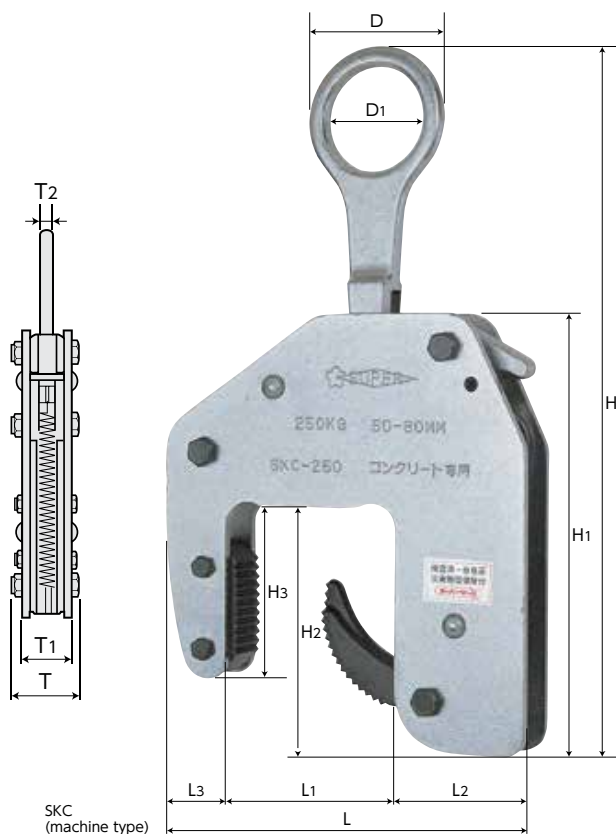
Internal expanding lifting clamps for U shaped gutter

Batch lifting clamps for bank block



SKC (manual type)

SKC-D (deep wide type)



SKC (machine type)

Features

- Ideal for lifting and handling concrete materials like reinforced concrete U shaped gutters, single side thick U shaped gutters, U flumes.
- Compact, light-weight and easy to handle.
- Including a mechanism making that the clamping force increases in proportion to the load weight.
- One touch open/close mechanism for easy operation.

Item No.	Item type	Rated capacity (lb)	Clamp range (in)	Size (in)												N.W. (lb)	
				L	L1	L2	L3	H	H1	H2	H3	D	D1	T	T1		T2
SKC150	Manual type	330.69	1.18~2.36	7.28	2.56	2.56	2.17	10.16~12.28	7.87	4.25	3.27	4.41	—	1.75	1.22	0.63	6.61
SKC150M	Machine type	330.69	1.18~2.36	7.28	2.56	2.56	2.17	10.79~12.91	7.87	4.25	3.27	2.76	1.97	1.75	1.22	0.39	6.61
SKC250	Machine type	551.16	1.97~3.15	7.48	3.35	2.60	1.54	10.94~13.07	8.07	4.41	3.35	2.76	1.97	1.75	1.26	0.39	6.61
SKC250W	Machine type	551.16	2.76~3.94	8.27	4.13	2.60	1.54	10.94~13.07	8.07	4.41	3.35	2.76	1.97	1.75	1.26	0.39	7.72
SKC1250D	Deep wide type	2755.78	2.87~5.39	13.98	5.71	4.92	3.15	18.78~21.97	15.16	9.55	7.58	3.94	2.76	2.38	1.46	0.71	22.05

Adjustable Width for Various Concrete Materials

AMC-N • AMB-N

UNIVERSAL LIFTING CLAMP FOR CONCRETE MATERIAL  
Adjustable Clamp Range Type (Pad Type)



Example of use

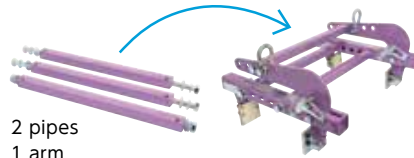


Features

- Universal Clamp for lifting all kinds of concrete materials.
- Especially ideal for pedestrian road boundary blocks and small L shaped panels.
- By changing the pad position, you can adjust the clamp range to wide workpiece.
- By adjusting the shackle above the center of gravity of the workpiece, you can keep the balance of the workpiece.
- The spike design of the special rubber pads allows to grip firmly the load (can also be used as non-marring type).
- The open lock can be locked manually for smooth remove of the lifting piece.
- With the optional parts (sold separately), you can connect two clamps.

\* Do not use with drop-lid type U shaped gutters.  
The rated capacity (lb) changes with the shackle position.

Optional parts (sold separately)



\* The rated capacity of the connected clamps is equal to the sum of each clamp rated capacity.

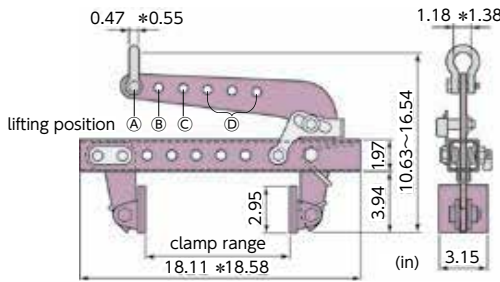
Optional parts item No.

AMB250N

AMB500N



AMC250N



Item No.	Rated capacity (lb) by lifting position				Clamp range (in)	N.W. (lb)
	A	B	C	D		
AMC250N	308.65	363.76	440.92	551.16	0.39~9.45	12.13
AMC500N	617.29	727.52	881.85	1102.31	0.39~9.45	16.53

Cam types, pad types

Manual machine types

Adjustable clamp range types, balances

Internal expanding lifting clamps for U shaped gutter

Batch lifting clamps for bank block

Adjustable Span Type

LSB2H

BALANCE (With Upper Wire Rope and Ring)

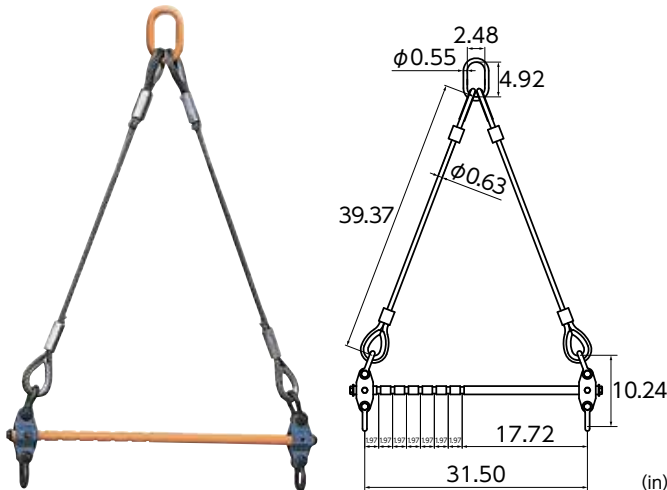


Example of use



Features

- Ideal for safe, well balanced lifting operations.
- When lifting or holding balance of a long workpiece, this balance can be used safely with lifting clamps.
- Adjustable span type with 8 steps from 17.72 to 31.50in, adapted to long or large workpieces.



Item No.	Rated capacity (lb)	Adjustable span steps (in)	N.W. (lb)
LSB2H	4409.24	17.72·19.69·21.65·23.62·25.59·27.56·29.53·31.50	44.09

\* Parts drawings and operation manuals can be downloaded from our website.  
● For all the appendix, please refer to P.54 ~56

Wide Clamping Type

UGC-M

LIFTING CLAMP FOR CONCRETE MATERIAL  
(Adjustable Clamp Range Type)

CHECK!



Operation manual & parts drawing

Example of use



Lifting with a crane (UGC150M)

Cam types, pad types

Manual, machine types

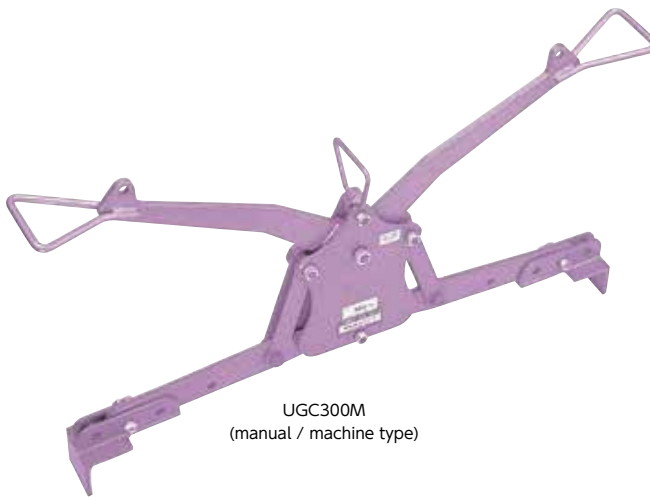
Adjustable clamp range types, balances

Internal expanding lifting clamps for U shaped gutter

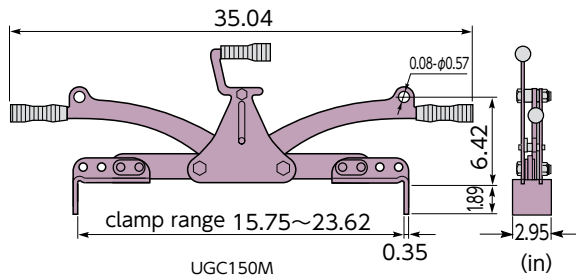
Batch lifting clamps for bank block



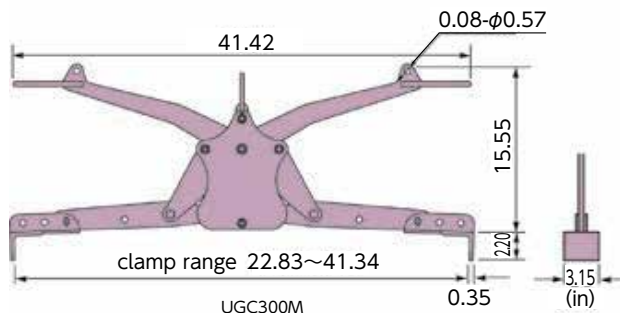
UGC150M (manual / machine type)



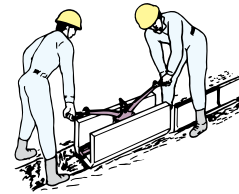
UGC300M (manual / machine type)



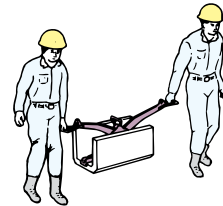
UGC150M



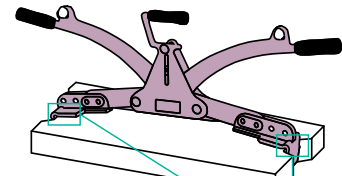
UGC300M



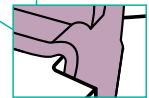
As the U shaped gutter is clamped from inside, the clamp doesn't interfere with the alignment levelling strings.



U shaped gutters can be clamped at both ends for easy handling and laying.



Ideal for lifting gutter lid.



Improve the design of the clamp claws not to crack material corner. (UGC150M)

Features

- Ideal for handling and laying U shaped gutters, lids, edge stones, blocks.
- With clamp claw thickness of 0.35in, the clearance between the materials can be easily set.
- By changing the toggle pins locations, the clamp range can be easily adjusted.
- The clamp claw teeth provide a firm grip that prevents slipping.
- The design of the clamp claws has been improved to prevent material corner from getting nicked during lifting.

Item No.	Rated capacity (lb)	Clamp range (in)	N.W. (lb)
UGC150M	330.69	15.75~23.62	19.84
UGC300M	661.39	22.83~41.34	37.48

## » For U Shaped Concrete

# BUC240N

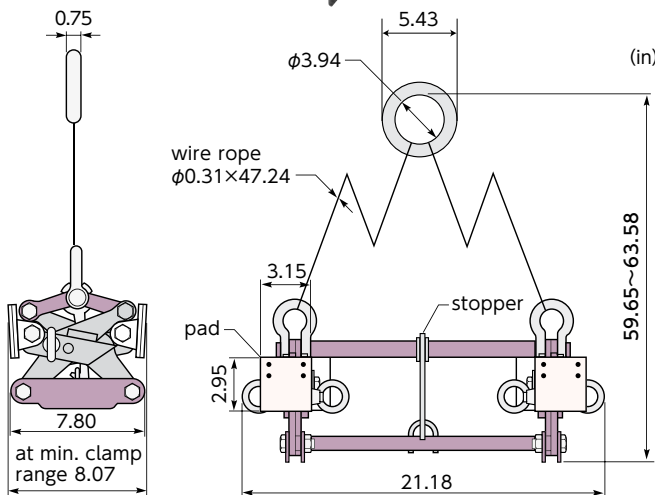
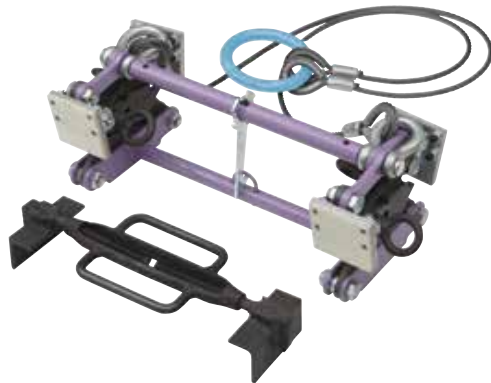
INTERNAL EXPANDING LIFTING CLAMP FOR U SHAPED GUTTER  
(Pad Type with Wire Rope and Ring)

CHECK!



PDF of Catalogue

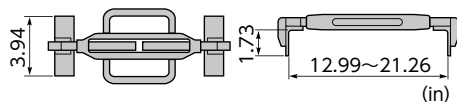
**Example of use** ⚠ For long gutters, always use a balance and lift at 2 or more points for safety.



### Features

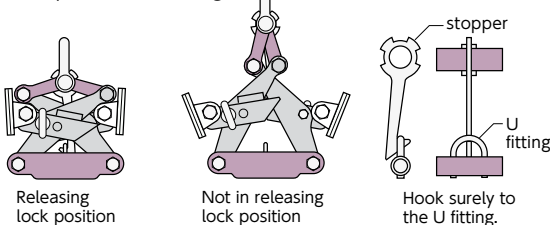
- For JIS reinforced concrete U shaped gutters and JIS drop-lid type U shaped gutters (only 250 / 300A).
- Dedicated for lifting concrete U shaped underground cable box (adjustable clamp range type).
- Including a holder for preventing the cracking of U shaped gutter.
- The inside clamping avoids touching the alignment levelling strings, and makes unnecessary to leave a clearance space outside the workpiece.
- The spike design of the special rubber pads allows to grip firmly the load (can also be used as non-marring type).
- Applicable type of workpieces : JIS U shaped gutter 240, 300A/B/C and JIS drop-lid type 250, 300A, up to 78.74in length.

### Cracking prevention holder



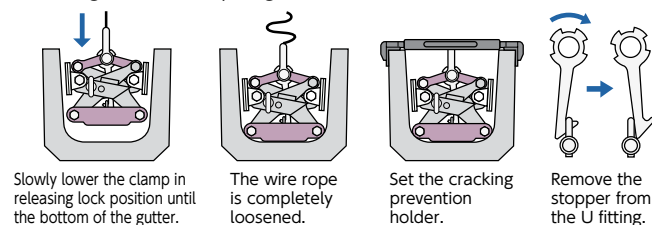
### How to use

#### 1) Preparation for lifting



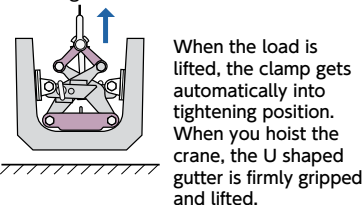
Lift the clamp to check if the clamp is in releasing lock position as shown in the drawing above. If not, hook the stopper to the main body U fitting and lift again so that the clamp gets in releasing lock position.

#### 2) Setting to the U shaped gutter



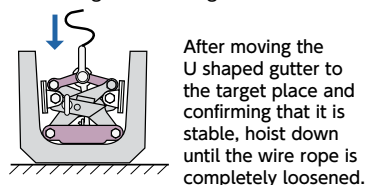
Position the clamp in releasing lock position above the U shaped gutter and land it to the bottom of the gutter until the wire is completely loosened. Next, set the cracking prevention holder just beside the clamp. Here, rotate the knob of the holder to make the arm firmly hold the U shaped gutter. Next, remove the stopper from the U fitting, and then the load can be lifted.

#### 3) Lifting



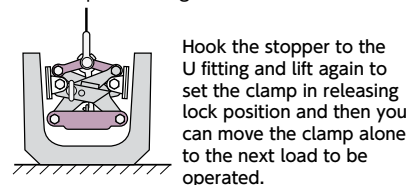
When the load is lifted, the clamp gets automatically into tightening position. When you hoist the crane, the U shaped gutter is firmly gripped and lifted.

#### 4) Moving and landing



After moving the U shaped gutter to the target place and confirming that it is stable, hoist down until the wire rope is completely loosened.

#### 5) Clamp removing



Hook the stopper to the U fitting and lift again to set the clamp in releasing lock position and then you can move the clamp alone to the next load to be operated.

Item No.	Rated capacity (lb)	Clamp range (in)	N.W. (lb)
BUC240N	1102.31	Level 1 8.66 ~ 9.45	26.46
		Level 2 10.24 ~ 11.42	

\* Parts drawings and operation manuals can be downloaded from our website.

● For all the appendix, please refer to P.54 ~56



» Automatic Releasing System

BUC1000A • BUM1000A • BUF1000A

AUTOMATIC INTERNAL EXPANDING LIFTING CLAMP FOR U SHAPED GUTTER (Pad Type with Wire Rope and Ring)

CHECK!



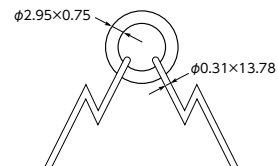
PDF of Catalogue

Example of use

⚠ For long gutters, always use a balance and lift at 2 or more points for safety.



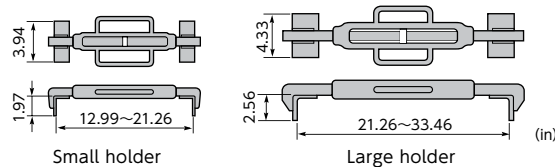
■ Master ring, wire rope



Features

- Dedicated for lifting all kinds of concrete U shaped gutters (automatic setting and removing type).
- Including a holder for preventing the cracking of U shaped gutter (always use together with the main body).
- With the fully automated setting / removing mechanism, the repeated handling operations gets faster and easier, bringing higher productivity.
- The spike design of the special rubber pads allows to grip firmly the load (can also be used as non-marring type).
- The inside clamping avoids touching the alignment levelling strings, and makes unnecessary to leave a clearance space outside the workpiece.

■ Cracking prevention holder



Item No.	Rated capacity (lb)	Clamp range (in)	U shaped gutter size name	N.W. (lb)
BUC1000A	2204.62	① 8.27~9.84	9.45 · 9.84	57.32
		② 9.84~11.42	11.81	
		③ 11.42~12.99	—	

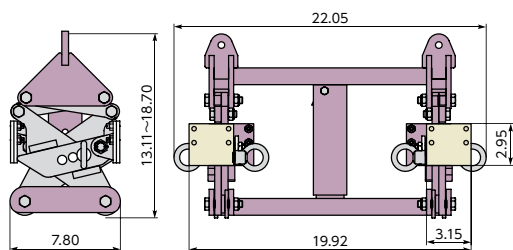
Cam types, pad types

Manual machine types

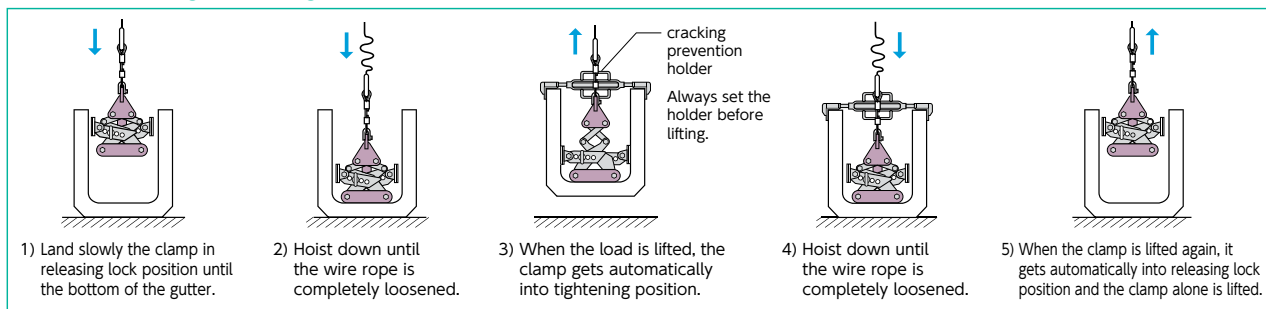
Adjustable clamp range types, balances

Internal expanding lifting clamps for U shaped gutter

Batch lifting clamps for bank block



■ Automatic setting / removing mechanism



■ BUM1000A middle parts set (sold separately)  
(middle plate with pad, crack prevention large holder)



■ BUF1000A full parts set (sold separately)  
(middle plate with pad, long plate with pad, crack prevention large holder, joint bar)



Item No.	Middle plate			Long plate		
	Clamp range (in)	U shaped gutter size name	N.W. (lb)	Clamp range (in)	U shaped gutter size name	N.W. (lb)
BUM1000A	① 12.60~14.17	13.78 · 14.17	61.73	—	—	—
	② 14.17~15.75	15.75		—	—	
	③ 15.75~17.32	17.72		—	—	
	④ 17.32~18.90	19.69		—	—	
BUF1000A	① 12.60~14.17	13.78 · 14.17	61.73	① 18.90~20.47	19.69	68.34
	② 14.17~15.75	15.75		② 20.47~22.05	23.62	
	③ 15.75~17.32	17.72		③ 22.05~23.62	—	
	④ 17.32~18.90	19.69		—	—	

\* The clamp range ①~④ can be changed by adjusting the position of the adjustment plate holes.

\* Parts drawings and operation manuals can be downloaded from our website.  
● For all the appendix, please refer to P.54 ~56

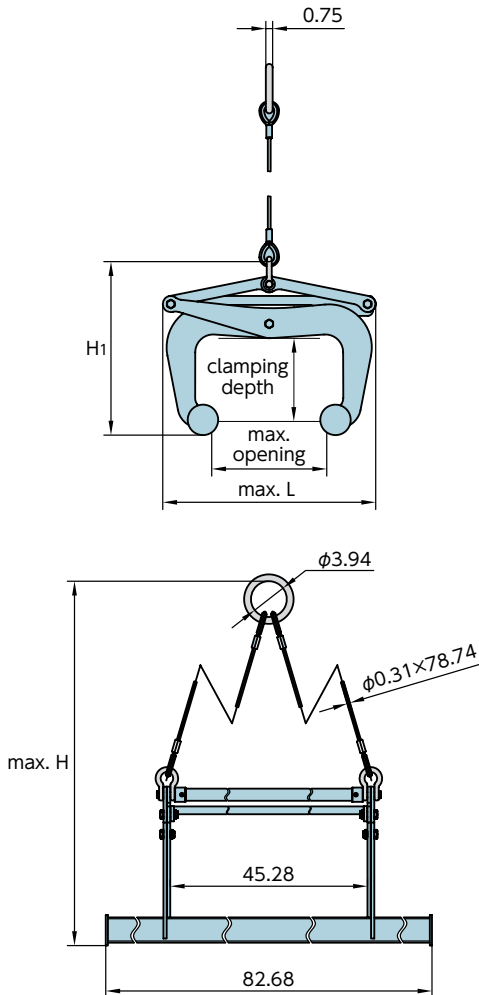
# KBC500WH

**BATCH LIFTING CLAMP FOR BANK BLOCK**  
(with Wire Rope and Ring)

CHECK!



PDF of Catalogue



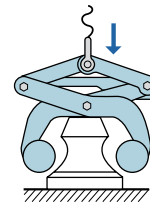
## Example of use



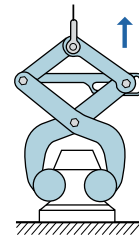
Shape of applicable blocks  
Bank blocks with necks.  
Max. 7 pieces.



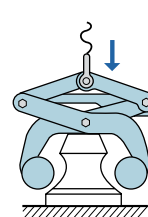
## Automatic releasing mechanism



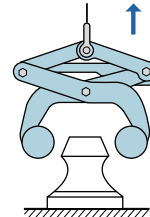
1) Set the stopper in release position, lower the clamp so that the legs of the tongs properly fit into the bank block neck.



2) When the legs are fully set, remove the stopper and lift the clamp so that the legs close and the bank block gets lifted.



3) Move the load to the target place and land it until the wire rope is completely loosened.



4) The stopper gets locked automatically into the release position and then you can lift the clamp alone.

## Features

- Dedicated for lifting bank blocks with necks.
- Can lift together in one batch up to 7 bank blocks. Ideal for handling, loading and unloading operations.
- The automatic opening mechanism allows easy clamp removing operation.

Cam types,  
pad types

Manual,  
machine  
types

Adjustable  
clamp  
range types,  
balances

Internal  
expanding  
lifting clamps  
for U shaped  
gutter

Batch lifting  
clamps for  
bank block

Item No.	Rated capacity (lb)	Clamp range (in)	Size (in)			N.W. (lb)		
			(max. opening)	(clamping depth)	L (MAX)			
<b>KBC500WH</b>	1102.31	2.36~10.63	11.81	9.06	23.62	109.45	19.06~29.92	105.82

★ Parts drawings and operation manuals can be downloaded from our website.  
● For all the appendix, please refer to P.54 ~56

» Automatic Type

# KBC500WA

**AUTOMATIC BATCH LIFTING CLAMP FOR BANK BLOCK (with Wire Rope and Ring)**

CHECK!



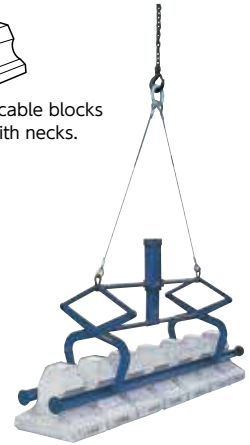
PDF of Catalogue



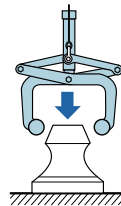
Example of use



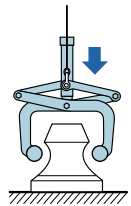
Shape of applicable blocks  
Bank blocks with necks.  
Max. 7 pieces.



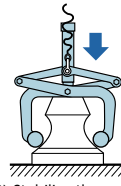
Automatic setting / removing mechanism



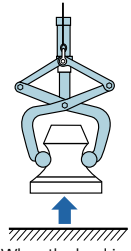
1) As a preparation before lifting, lift the clamp in release position.



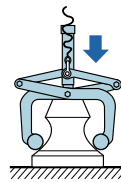
2) Lower the clamp slowly so that it stay aligned with the center of the block until the clamp main body and the guide pipes touch the block and keep lowering until the wire rope is completely loosened.



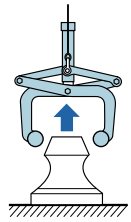
3) Stabilize the clamp horizontally on the block.



4) When the load is lifted, the clamp gets locked automatically into tightening position and grips firmly the bank block.

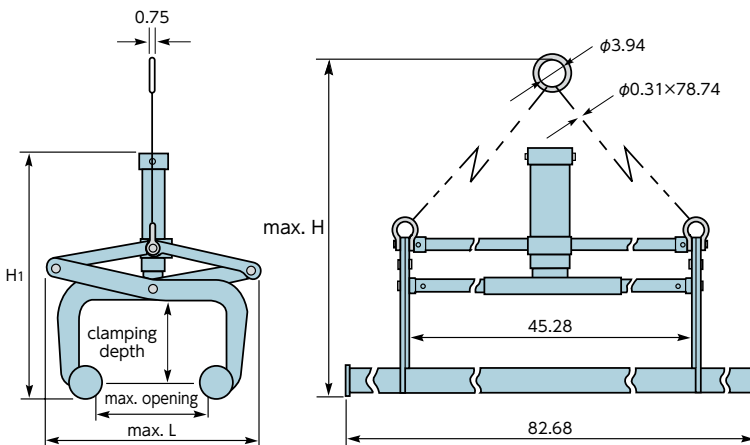


5) Move the load to the target place and land it until the wire rope is completely loosened.



6) When the clamp is lifted, it gets locked automatically into release position so that you can move the clamp alone and switch smoothly to the next operation.

By repeating procedures 1)~6), transportation of bank blocks batches can be quickly operated just by moving laterally and hoisting up and down the crane.



Features

- Dedicated for lifting bank blocks with necks.
- Can lift together in one batch up to 7 bank blocks. Ideal for handling, loading and unloading operations.
- The automatic setting / removing mechanism allows operations with one operator. The workability is greatly improved compared to conventional manual clamp types.

Item No.	Rated capacity (lb)	Clamp range (in)	Size (in)			N.W. (lb)		
			(max. opening)	(clamping depth)	L (MAX)			
KBC500WA	1102.31	2.36~10.63	11.81	9.06	23.62	110.63	27.56~39.76	123.46



# LIFTING CLAMPS FOR HOUSING



**P.48**

Lifting clamps for formwork/  
panel



**P.48**

Lifting clamps for panel/beam



**P.50**

Lifting clamps dedicated for  
wooden beam



**P.51**

Balance sets



**P.51**

Balances



**P.51**

Panel pullers



**P.52**

Lifting clamps for ALC panel



**P.52**

Horizontal lifting clamps for  
ALC panel

# LIFTING CLAMPS FOR HOUSING

Lifting clamps for formwork / panel

Lifting clamps for panel / beam, lifting clamps dedicated for wooden beam

Balance sets, balances, panel pullers

Lifting clamps for ALC panel, lifting clamps for extruded cement panel

» Light Weight & Compact Type

PTC100

LIFTING CLAMP FOR FORMWORK / PANEL  
(Ultra-light-weight and Compact Type)

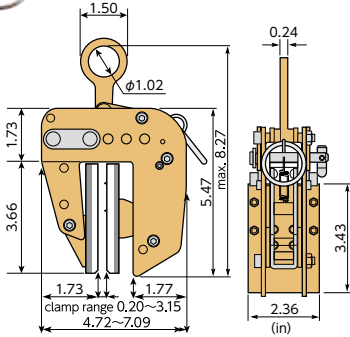
CHECK!



Operation manual & parts drawing



Remotely controllable opening mechanism included



Example of use

⚠ Always use this clamp in pair with a balance.



Features

- Ideal for lifting and installing formwork and wooden panels.
- The spring-type tightening lock mechanism assures a positive initial clamp force.
- The tightening lock can be released remotely, avoiding dangerous operations in high places.
- The urethane pad with spikes on one side ensures a firm grip, for even safer operation.
- The two pads come with urethane rubber to prevent scratches on the panel surface.

Applicable loads : Siding boards, decoration panels for outer walls, external heat insulating wall materials, wooden panels, etc.  
\* Do not use for ALC panels, extruded cement panels.

Accessories

- Rope for remote control (59.06in) included

Item No.	Rated capacity (lb)	Clamp range - 5 steps adjustment (in)	N.W. (lb)
PTC100	220.46	0.20~0.79	3.97
		0.79~1.38	
		1.38~1.97	
		1.97~2.56	
		2.56~3.15	

» Optimal for 2 x 4 Wood & Housing Panel

PTC150

LIFTING CLAMP FOR PANEL / BEAM (Wide Type)

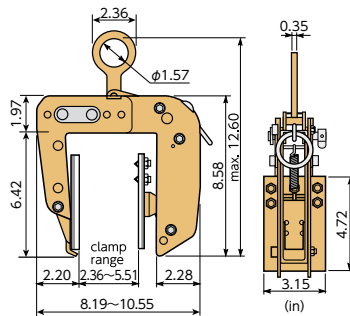
CHECK!



Operation manual & parts drawing



Remotely controllable opening mechanism included



Example of use

⚠ Always use this clamp in pair with a balance.

Panel lifting



Wooden beam lifting



Features

- Ideal for lifting and installing wooden panels, 2 x 4 housing panels and for lifting and moving wooden beams.
- The tightening lock can be released remotely, avoiding dangerous operations in high places.

\* Do not use for ALC panels, extruded cement panels.

Accessories

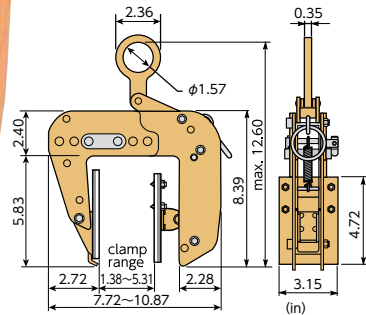
- Rope for remote control (59.06in) included

Item No.	Rated capacity (lb)	Clamp range - 4 steps adjustment (in)	N.W. (lb)
PTC150	330.69	2.36~3.15	7.94
		3.15~3.94	
		3.94~4.72	
		4.72~5.51	

Optimal for 2 x 4 Wood & Housing Panel

PTC200

LIFTING CLAMP FOR 2 X 4 PANEL (Wide Type)



**Example of use** ⚠ Always use this clamp in pair with a balance.



Features

- Ideal for lifting and installing wooden panels and especially 2 X 4 housing panels.
- The tightening lock can be released remotely, avoiding dangerous operations in high places.

\* Do not use for ALC panels, extruded cement panels.

Accessories

- Rope for remote control (59.06in) included

Item No.	Rated capacity (lb)	Clamp range - 5 steps adjustment (in)	N.W. (lb)
PTC200	440.92	1.38~2.17	8.82
		2.17~2.95	
		2.95~3.74	
		3.74~4.53	
		4.53~5.31	

Lifting clamps for formwork / panel

Lifting clamps for panel / beam, lifting clamps dedicated for wooden beam

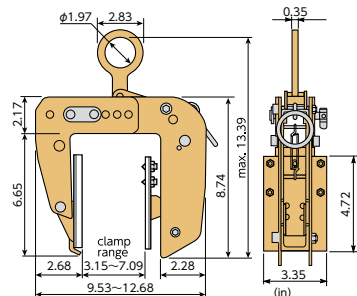
Balance sets, balances, panel pullers

Lifting clamps for ALC panel, lifting clamps for extruded cement panel

Optimal for 2 x 4 Wood & 2 x 6 Wood

PTC250

LIFTING CLAMP FOR PANEL / BEAM (Super Wide Type)



**Example of use** ⚠ Always use this clamp in pair with a balance.

Wooden Beam lifting



Panel lifting



Features

- Ideal for lifting and installing wooden panels, and especially 2 x 4 and 2 x 6 housing panels, and for lifting and moving wooden beams.
- The tightening lock can be released remotely, avoiding dangerous operations in high places.

\* Do not use for ALC panels, extruded cement panels.

Accessories

- Rope for remote control (59.06in) included

Item No.	Rated capacity (lb)	Clamp range - 5 steps adjustment (in)	N.W. (lb)
PTC250	551.16	3.15~3.94	12.79
		3.94~4.72	
		4.72~5.51	
		5.51~6.30	
		6.30~7.09	

\* Parts drawings and operation manuals can be downloaded from our website.  
 ● For all the appendix, please refer to P.54 ~56

Lifting clamps for formwork / panel

Lifting clamps for panel / beam, lifting clamps dedicated for wooden beam

Balance sets, balances, panel pullers

Lifting clamps for ALC panel, lifting clamps for extruded cement panel

» Anti-scratch Type

PSC100

LIFTING CLAMP FOR PANEL  
(Ultra-light-weight and Compact Type)

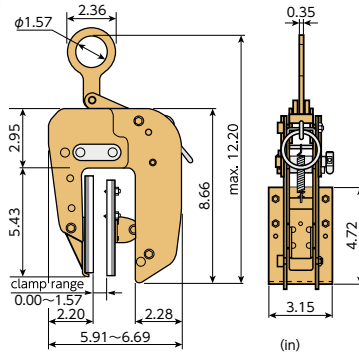
CHECK!



Operation manual & parts drawing



Remotely controllable opening mechanism included



Example of use

⚠ Always use this clamp in pair with a balance.



Features

- Ideal for lifting and installing wooden panels.
- The tightening lock can be released remotely, avoiding dangerous operations in high places.
- \* Do not use for ALC panels, extruded cement panels.

Accessories

- Rope for remote control (59.06in) included

Item No.	Rated capacity (lb)	Clamp range - 2 steps adjustment (in)	N.W. (lb)
PSC100	220.46	0.00~0.79	7.72
		0.79~1.57	

» Lock Lever Type

BLC200

LIFTING CLAMP FOR WOODEN BEAM (Double Cam Type)

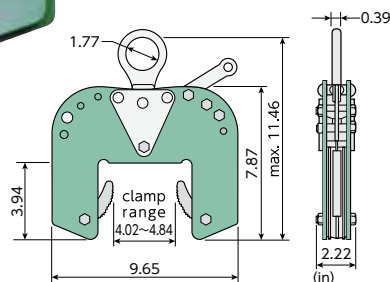
CHECK!



PDF of Catalogue



Remotely controllable opening mechanism included



Example of use

⚠ Always use this clamp in pair with a balance.



Features

- Ideal for lifting and installing wooden beams.
- The spring-type tightening lock mechanism assures a positive initial clamp force.
- The tightening lock can be released remotely, avoiding dangerous operations in high places.

Accessories

- Rope for remote control (78.74in) included

Item No.	Rated capacity (lb)	Clamp range (in)	N.W. (lb)
BLC200	440.92	4.02~4.84	8.16

» For Balanced Lifting

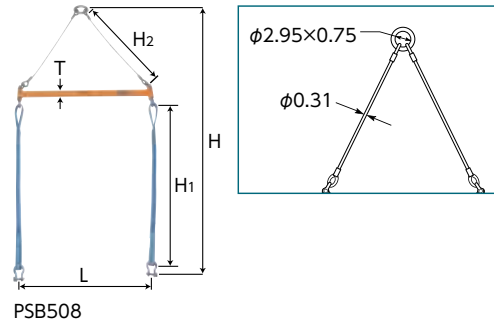
PTC-S • PSC-S • BLC-S

LIFTING CLAMP BALANCE SET FOR PANEL / WOODEN BEAM



**Feature** ● Set of 2 lifting clamps and 1 applicable balance.

Lifting clamp for housing panel	Set item No.	Set details	
		Lifting clamp (2 pcs)	Balance (1 pc)
Formwork / panel lifting	<b>PTC100S</b>	PTC100	PSB508
Panel / beam lifting	<b>PTC150S</b>	PTC150	PSB508
2 × 4 panel lifting	<b>PTC200S</b>	PTC200	PSB508
Panel / beam lifting	<b>PTC250S</b>	PTC250	PSB610
Panel lifting	<b>PSC100S</b>	PSC100	PSB508
Wooden beam lifting	<b>BLC200S</b>	BLC200	PSB508



Lifting clamps for formwork / panel

Lifting clamps for panel / beam, lifting clamps dedicated for wooden beam

Balance sets, balances, panel pullers

Lifting clamps for ALC panel, lifting clamps for extruded cement panel

PSB

2-POINT LIFTING BALANCE



**Feature** ● Balance dedicated for safe and well-balanced lifting operations.

**Accessories** ● Sling belts ● Shackles

Item No.	Rated capacity (lb)	Size (in)					N.W. (lb)	Applicable lifting clamp for panel
		L	H	H1	H2	T		
<b>PSB508</b>	1102.31	31.50	78.74	39.37	31.50	□1.57×□0.79	11.46	PSC100·PTC100·150·200·BLC200
<b>PSB610</b>	1322.77	39.37	77.17	39.37	31.50	□1.57×□0.79	13.23	PTC·PSC·BLC·PAC
<b>PSB620</b>	1322.77	78.74	98.43	39.37	62.99	□1.97×□1.18	15.87	

PSBSL

SLING BELT FOR BALANCE



**Feature** ● Long swing belts common for all balance sizes.



PSBSL150

Item No.	Belt full length (in)	Belt width (in)
<b>PSBSL150</b>	59.06	0.98
<b>PSBSL200</b>	78.74	0.98

» For 2 x 4 Panel Pulling

PTP200

PANEL PULLER (Panel Pulling Tool)



**Feature**

● Must-have tool for construction method with 2 × 4 panels.

Applications

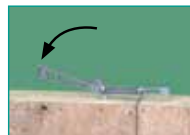
- Pulling together 2 panels.
- Adjusting outside panels with ink marking.
- Pulling and connecting joint parts of floor and ceiling panels.
- Pulling together 2 beams.
- Pulling together and assembling wooden formwork panels.

How to use

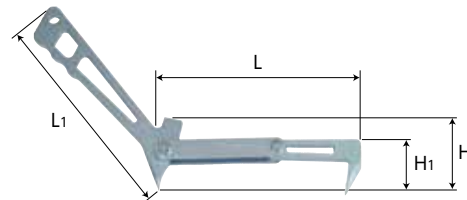
Setting



Pulling together



Example of use



Item No.	Size (in)					N.W. (lb)
	Pulling stroke	L	L1	H	H1	
<b>PTP200</b>	1.18	8.35	9.84	3.15	2.36	1.68

★ Parts drawings and operation manuals can be downloaded from our website.  
● For all the appendix, please refer to P.54 ~56

Lifting clamps for formwork / panel

Lifting clamps for panel / beam, lifting clamps dedicated for wooden beam

Balance sets, balances, panel pullers

Lifting clamps for ALC panel, lifting clamps for extruded cement panel

» For ALC Panel

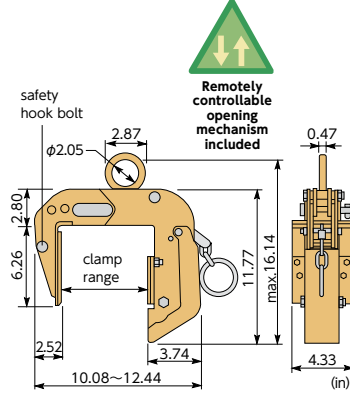
PAC260

LIFTING CLAMP FOR ALC PANEL

CHECK!



Operation manual & parts drawing

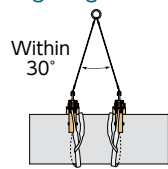


Item No.	Rated capacity (lb)	Clamp range - 3 steps adjustment (in)	N.W. (lb)
PAC260	573.20	3.54~4.13	15.21
		4.53~5.12	
		5.51~6.10	

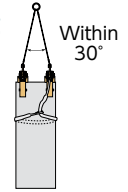
Example of use

⚠ Always use this clamp in pair.

■ Holding longer side



■ Holding shorter side



Feature

- Clamp dedicated for lifting ALC panels.
- ▶ Common features for PAC260 and PSC260
- The spring-type tightening lock mechanism assures a positive initial clamp force.
- Including a mechanism making that the clamping force increases in proportion to the load weight.
- The tightening lock can be released remotely, avoiding dangerous operations in high places.
- The urethane pad with spikes on one side ensures a firm grip, for even safer operation.
- The two pads come with urethane rubber to prevent scratches on the panel surface.
- A safety hook bolt for setting a sling belt is included to provide extra safety.

Accessories

- Rope for remote control (78.74in) included

» For Extruded Cement Panel

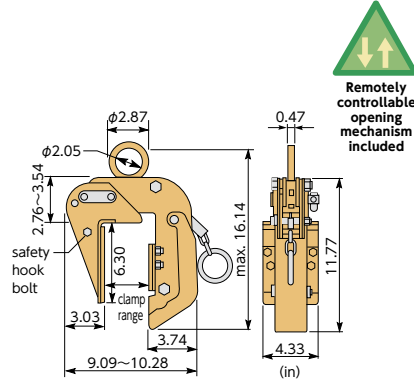
PSC260

LIFTING CLAMP FOR EXTRUDED CEMENT PANEL

CHECK!



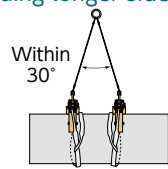
Operation manual & parts drawing



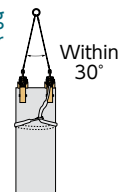
Example of use

⚠ Always use this clamp in pair.

■ Holding longer side



■ Holding shorter side



Feature

- Ideal for lifting and installing extruded cement panels.
- ▶ The other features and the examples of use are the same as for PAC260.

Item No.	Rated capacity (lb)	Clamp range - 2 steps adjustment (in)	N.W. (lb)
PSC260	573.20	1.97~2.56	15.21
		2.76~3.35	

Accessories

- Rope for remote control (78.74in) included

» Easy Operation

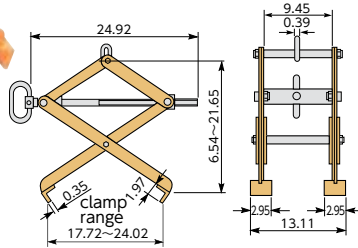
UGC200W

HORIZONTAL LIFTING CLAMP FOR ALC PANEL

CHECK!



PDF of Catalogue



Example of use

⚠ Lift with one clamp.



Features

- Ideal for lifting and installing ALC panels.
- Easy to transport and install floor panels and lids for U shaped gutters with one operator.
- Clamping range can be adjusted to the width of the workpiece by turning the handle.
- The firm clamping of the workpiece with a screw tightening lock ensures the operation safety.

Item No.	Rated capacity (lb)	Clamp range (in)	N.W. (lb)
UGC200W	440.92	17.72~24.02	39.68

# APPENDIX

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P.54

Selection standards for 2-point lifting

P.55

Lifting angle and rated load of wire rope

P.56

Table for main steel material weight

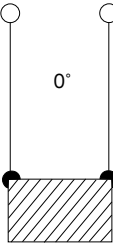
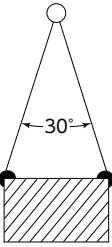
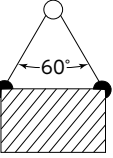
TECHNICAL DATA

# Supertool clamp selection standards for 2-point lifting

The maximum rated capacity of lifting clamps differs according to the lifting angle.

As shown in the following table, when the lifting angle increases, the load weight on the lifting clamps and the ropes increases and the lifting capacity rate decreases in proportion. Therefore, after paying attention to the lifting angle, always use lifting clamps and ropes with the appropriate rated capacity.

## Correlation table between the lifting angle and the applicable load (for 2-point lifting)

Main item name, No.								
Vertical lifting clamps (GVC-R, SVC-HE, SVC-E, SVC-L, SVC)	Lateral, horizontal lifting clamps (GVC-R, GVC-E, HLC-HE, HLC-L)	Steel beam lifting clamps (HLC-S/W)	Screw cam clamps (SCC, SCC-N, SJC, SJC-S, SDG-S/N/W/N, SWG-S/N)	Lifting hooks (HHQ)				
					Lifting capacity rate →	100%	96%	86%
Clamp rated capacity (for 2 pcs)					Maximum allowable rated load for 2 clamps (ton)			
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	0.5 × 2 pcs = 1 ton	1	0.96	0.86
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1 × 2 pcs = 2 ton	2	1.9	1.7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1.5 × 2 pcs = 3 ton	3	2.9	2.6
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2 × 2 pcs = 4 ton	4	3.8	3.4
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	3 × 2 pcs = 6 ton	6	5.8	5.2
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	5 × 2 pcs = 10 ton	10	9.6	8.6
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	6 × 2 pcs = 12 ton	12	11.5	10.3
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	7 × 2 pcs = 14 ton	14	13.44	12.04
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	10 × 2 pcs = 20 ton	20	19.2	17.2

★The allowable lifting angle may differ according to the lifting clamp type and rated capacity. Always read carefully the operation manual of the purchased lifting clamps before use, and observe the precautions for safe operation.

★When lifting with 2 lifting clamps or more (with 2 lifting points or more), always use clamps of the same model and same rated capacity.

### How to read the correlation table

(Example) lifting of a 5.5 ton steel load with 2 lifting points and the following lifting angles

#### A) When the lifting angle is at 0° (vertical lifting)

(1) In the column 0° of the correlation table, look for the smallest value above 5.5 ton. It is "6 ton", in the 5th row from the top.

(2) Then from the "6 ton" row determined in step (1), look for the clamp rated capacity on the left. It is "3 x 2 pcs = 6 ton".

Therefore, use 2 pcs of 3 ton lifting clamps.

#### B) When the lifting angle is at 60° (with same lifting load as above)

(1) In the column 60° of the correlation table, look for the smallest value above 5.5 ton. In this case it is "8.6 ton", in the 6th row from the top.

(2) Then from the "8.6 ton" row determined in step (1), look for the clamp rated capacity on the left. It is "5 x 2 pcs = 10 ton".

Therefore, use 2 pcs of 5 ton lifting clamps.



**Always use clamps with same model and same rated capacity.**

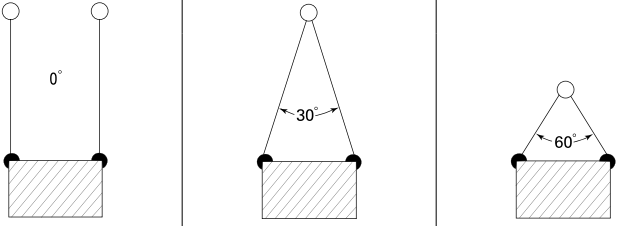


# Lifting angle and rated load of wire rope

The maximum rated capacity of wire ropes also differs according to the lifting angle. Therefore, after paying attention to the lifting angle, always use wire ropes with the appropriate diameter.

## Correlation table between the lifting angle and the applicable load for wire rope (for 2-point lifting)

■ JIS G 3525 6×24 A type

D wire rope diameter (in)	W rated load (for 1 single rope) [ Safety factor S=6 ] (ton)			
		(Change in % of the lifting capacity rate according to the lifting angle)		
		100%	96%	86%
Maximum allowable load (rated load) for 2 wire ropes (ton)				
0.24	0.30	0.60	0.57	0.51
0.31	0.53	1.07	1.03	0.92
0.35	0.67	1.35	1.30	1.16
0.39	0.83	1.67	1.61	1.44
0.47	1.20	2.41	2.32	2.08
0.55	1.64	3.28	3.15	2.83
0.63	2.14	4.28	4.12	3.69
0.71	2.72	5.44	5.23	4.69
0.79	3.35	6.70	6.44	5.77
0.87	4.06	8.12	7.81	7.00
0.94	4.82	9.65	9.28	8.32
1.02	5.66	11.3	10.8	9.76
1.10	6.58	13.1	12.6	11.3
1.18	7.55	15.1	14.5	13.0
1.26	8.58	17.1	16.5	14.8
1.42	10.8	21.7	20.8	18.7
1.57	13.4	26.8	25.8	23.1

## Calculation formula of a wire rope diameter and rated load (for 1 single rope)

\* Refer to the calculated values as rough indications.

①  $D = \sqrt{W \times C}$

②  $W = \frac{D^2}{C}$

D= wire rope dia. (mm)  
W= rated load (ton)  
C= 120 (constant)  
(with Safety factor S = 6)

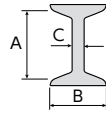
★ When looking for the required wire rope diameter to lift a 3 ton load

①  $D = \sqrt{W \times C}$   
 $D = \sqrt{3 \times 120} = \sqrt{360} = 19 \rightarrow$  **20mm** = 0.79in

★ When looking for the maximum capacity (rated load) of a wire rope with 12mm(0.47in) diameter

②  $W = \frac{D^2}{C}$   
 $W = \frac{12^2}{120} = \frac{144}{120} = 1.2 \rightarrow$  **1.2ton**

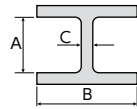
# Table for main steel material weight (unit : lb)



## I Beams - Standard Structural Sizes

AISI Designation	(A) Depth in.	(B) Flange Width in.	(C) Web Thickness in.	Weight per foot	20' Length
S3×5.7	3	2.33	0.17	5.7	114
S3×7.5	3	2.509	0.349	7.5	150
S4×7.7	4	2.66	0.19	9.5	154
S4×9.5	4	2.796	0.326	9.5	190
S5×10.0	5	3	0.21	10	200
S5×14.75	5	3.284	0.494	14.75	295
S6×12.5	6	3.33	0.23	12.3	250
S6×17.25	6	3.565	0.465	17.25	345
S7×15.3	7	3.66	0.25	15.3	306
S7×20.0	7	3.86	0.45	20	400
S8×18.4	8	4	0.27	18.4	368
S8×23.0	8	4.171	0.441	23	460
S10×25.4	10	4.66	0.31	25.4	508
S10×35.0	10	4.994	0.594	35	700
S12×31.8	12	5	0.35	31.8	636
S12×35.0	12	5.078	0.428	35	700

AISI Designation	(A) Depth in.	(B) Flange Width in.	(C) Web Thickness in.	Weight per foot	20' Length
S12×40.8	12	5.25	0.46	40.8	816
S12×50.0	12	5.477	0.687	50	1000
S15×42.9	15	5.5	0.41	42.9	858
S15×50.0	15	5.64	0.55	50	1000
S18×54.7	18	6	0.46	54.7	1094
S18×70.0	18	6.251	0.711	70	1400
S20×65.4	20	6.25	0.5	65.4	1308
S20×75.0	20	6.391	0.641	75	1500
S20×85.0	20	7.053	0.653	85	1700
S20×95.0	20	7.2	0.8	95	1900
S24×79.9	24	7	0.5	79.9	1598
S24×90.0	24	7.124	0.624	90	1800
S24×100.0	24	7.247	0.747	100	2000
S24×105.9	24	7.875	0.625	105.9	2118
S24×120.0	24	8.048	0.798	120	2400



## I Beams - Wide Flange & Misc. Sizes

AISI Designation	(A) Depth in.	(B) Flange Width in.	(C) Web Thickness in.	Weight per foot	AISI Designation	(A) Depth in.	(B) Flange Width in.	(C) Web Thickness in.	Weight per foot	AISI Designation	(A) Depth in.	(B) Flange Width in.	(C) Web Thickness in.	Weight per foot
W4×13	4.16	4.06	0.28	13	W12×14	11.91	3.97	0.2	14	W16×67	16.33	10.235	0.395	67
M4×13	4	3.94	0.254	13	W12×16	11.99	3.99	0.22	16	W16×77	16.52	10.295	0.455	77
W5×16	5.01	5	0.24	16	W12×19	12.16	4.005	0.235	19	W16×89	16.75	10.365	0.525	89
M5×18.9	5	5.003	0.316	18.9	W12×22	12.31	4.03	0.26	22	W16×100	16.79	10.425	0.485	100
W5×19	5.15	5.03	0.27	19	W12×26	12.22	6.49	0.23	26	W18×35	17.7	6	0.3	35
M6×4.4	6	1.844	0.114	4.4	W12×30	12.34	6.52	0.26	30	W18×40	17.9	6.015	0.315	40
W6×9	5.9	3.94	0.17	9	W12×35	12.5	6.56	0.3	35	W18×46	18.06	6.06	0.36	46
W6×12	6.03	4	0.23	12	W12×40	11.94	8.005	0.295	40	W18×50	17.99	6.495	0.355	50
W6×15	5.99	5.99	0.23	15	W12×45	12.06	8.045	0.335	45	W18×55	18.11	7.53	0.39	55
W6×16	6.28	4.03	0.26	16	W12×50	12.19	8.08	0.37	50	W18×60	18.24	7.555	0.415	60
W6×20	6.2	6.02	0.26	20	W12×53	12.06	9.995	0.345	53	W18×65	18.35	7.59	0.45	65
W6×25	6.38	6.08	0.32	25	W12×58	12.19	12.01	0.36	58	W18×71	18.47	7.635	0.495	71
M8×6.5	8	2.281	0.135	6.5	W12×65	12.12	12	0.39	65	W18×76	18.21	11.035	0.425	76
W8×10	7.89	3.94	0.17	10	W12×72	12.25	12.04	0.43	72	W18×86	18.39	11.09	0.48	86
W8×13	7.99	4	0.23	13	W12×79	12.38	12.08	0.47	79	W18×97	18.59	11.145	0.535	97
W8×15	8.11	4.015	0.245	15	W12×87	12.53	12.125	0.515	87	W18×106	18.73	11.2	0.59	106
W8×18	8.14	5.25	0.23	18	W12×96	12.71	12.16	0.55	96	W18×119	18.97	11.265	0.655	119
W8×21	8.28	5.27	0.25	21	W12×106	12.89	12.22	0.61	106	W21×44	20.66	6.5	0.35	44
W8×24	7.93	6.495	0.245	24	W12×120	13.12	12.32	0.71	120	W21×57	21.06	6.555	0.405	57
W8×28	8.06	6.535	0.285	28	W12×136	13.41	12.4	0.79	136	W21×62	20.99	8.24	0.4	62
W8×31	8	7.995	0.285	31	W14×22	13.72	5	0.23	22	W21×68	21.13	8.27	0.43	68
W8×35	8.12	8.02	0.31	35	W14×26	13.91	5.025	0.255	26	W21×73	21.24	8.295	0.455	73
W8×40	8.25	8.07	0.36	40	W14×30	13.84	6.73	0.27	30	W21×83	21.43	8.355	0.515	83
W8×48	8.5	8.11	0.4	48	W14×34	13.96	6.745	0.285	34	W21×101	21.38	12.29	0.5	101
W8×58	8.75	8.22	0.51	58	W14×38	14.1	6.77	0.31	38	W24×55	23.57	7.005	0.395	55
W8×67	9	8.28	0.57	67	W14×43	13.66	7.995	0.305	43	W24×68	23.73	8.965	0.415	68
W10×9	10	2.69	0.157	9	W14×48	13.79	8.03	0.34	48	W24×76	23.92	8.99	0.44	76
M10×12	9.87	3.96	0.19	12	W14×53	13.92	8.06	0.37	53	W24×84	24.1	9.02	0.47	84
W10×15	9.99	4	0.23	15	W14×61	13.89	9.995	0.375	61	W24×94	24.31	9.065	0.515	94
W10×17	10.11	4.01	0.24	17	W14×68	14.04	10.035	0.415	68	W24×104	24.06	12.75	0.5	104
W10×19	10.24	4.02	0.25	19	W14×74	14.17	10.07	0.45	74	W24×117	24.26	12.8	0.55	117
W10×22	10.17	5.75	0.24	22	W14×82	14.31	10.13	0.51	82	W24×131	24.48	12.855	0.605	131
W10×26	10.3	5.77	0.26	26	W14×90	14.02	14.52	0.44	90	W24×146	24.76	12.9	0.65	146
W10×30	10.47	5.81	0.3	30	W14×99	14.16	14.565	0.485	99	W24×162	25	12.955	0.705	162
W10×30	9.73	7.96	0.29	33	W14×109	14.32	14.605	0.525	109	W27×94	26.92	9.99	0.49	94
W10×39	9.92	7.985	0.315	39	W14×120	14.48	14.67	0.59	120	W27×102	27.09	10.015	0.515	102
W10×45	10.1	8.02	0.35	45	W14×132	14.66	14.725	0.645	132	W27×114	27.29	10.07	0.57	114
W10×49	9.98	10	0.34	49	W14×159	14.98	15.565	0.745	159	W27×146	27.38	13.965	0.605	146
W10×54	10.09	10.03	0.37	54	W16×26	15.69	5.5	0.25	26	W27×161	27.59	14.02	0.66	161
W10×60	10.22	10.08	0.42	60	W16×31	15.88	5.525	0.275	31	W30×108	29.83	10.475	0.545	108
W10×68	10.4	10.13	0.47	68	W16×36	15.86	6.985	0.295	36	W30×116	30.01	10.495	0.565	116
W10×77	10.6	10.91	0.53	77	W16×40	16.01	6.995	0.305	40	W30×124	30.17	10.515	0.585	124
W10×88	10.84	10.265	0.605	88	W16×45	16.13	7.035	0.345	45	W30×132	30.31	10.545	0.615	132
W10×100	11.1	10.34	0.68	100	W16×50	16.26	7.07	0.38	50					
M12×11.8	12	3.065	0.177	11.8	W16×57	16.33	7.12	0.43	57					



Head Office



East Japan Logistic Center

## »» COMPANY PROFILE

Company Name	Super Tool Co., Ltd.
Head Office & Factory	158, Minoyama, Naka-ku, Sakai-city, Osaka Pref., Japan
Founded	1918
Stock Listing	Listed in Japan Exchange Group (JPX) Standard
Capital	¥2,235,090,780
Website	<a href="https://www.supertool.co.jp">https://www.supertool.co.jp</a>



## »» BUSINESS CONTENTS

We have been producing hand tools since the foundation of our company. For over a century, we have kept on developing new products under our business motto, “in pursuit of more safety and efficiency.” Our wide range of versatile products have been highly valued and welcomed in the domestic market as well as in many countries in the world.

General Hand Tools	.....	All kinds of general hand tools, piping tools, other specialized tools.
Industrial Machinery Tools	.....	Machinery maintenance equipment, processing fixtures and tools.
Lifting Clamps	.....	For steel, for concrete materials.

Under our corporate philosophy that “product development is the way to contribute to the society, and to continue the business as a manufacturer”, since 1993 we have developed and released new products in new industrial fields and we have kept expanding our product range.

Housing Equipment and Tools	.....	All kinds of general and specialized lifting clamps, tools, fixtures, etc.
Handling Labor Saving Equipment	.....	Multi cranes, portable gate type cranes, all kinds of general and specialized lifting clamps, lifting hooks, etc.
Magnetic Separation Equipment	.....	Magnetic Equipment.
Measuring Tools	.....	Digital torque wrenches, mechanical torque wrenches.

We manufacture the above-mentioned products and distribute them through major and specialty trading companies to the domestic and overseas markets.

For more information, access our website.  
Parts drawings and operation manuals  
can be downloaded.



<https://www.supertool.co.jp>



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