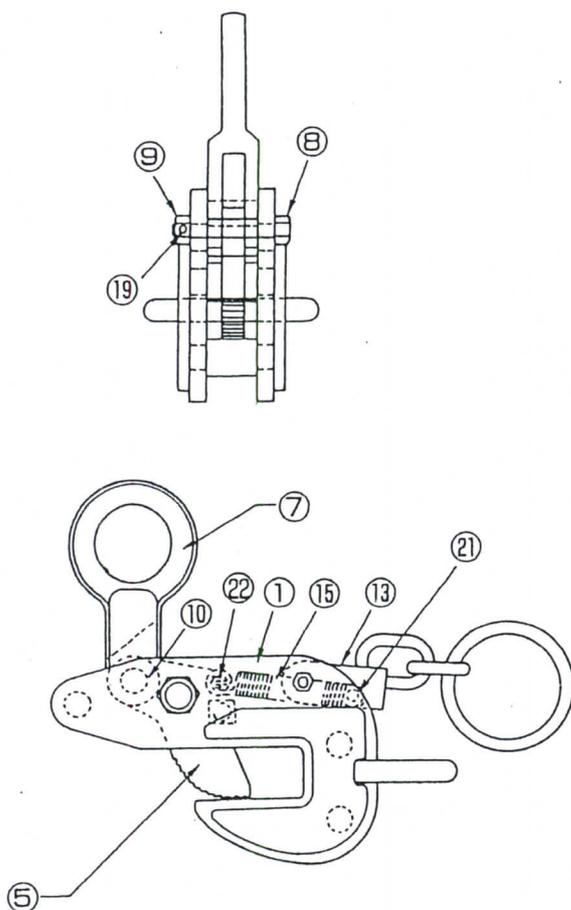


# Replacement parts and fittings (Model : HLC-Ü)



Part No.	Part Name	Item No.
SHACKLE ASSEMBLY		HLH
7	Shackle	HLCH
10	Support pin for shackle	HLCY
CAM ASSEMBLY		HLT
5	Cam	HLCT
22	Spring pin	HLCR
8	Support bolt for cam	HLCN
9	Support nut for cam	HLCO
19	Spring pin	HLCO
HANDLE ASSEMBLY		HLU
13	U-handle	HLCU
16	Hex. socket flat head bolt	HLCK
17	U-nut	HLCC
18	Collar	HLCQ
21	Spring pin	HLCQ
15	Spring	HLCS

## Replacement procedure for cam and pad

### Diassembling

#### CAM

Take out Cam support bolt (8) by loosening Cam support nut (9) after pulled out Spring pin (19) of Nut (9). Then, remove Shackle (7) and Cam (5) from body and take out Spring pin (22) for Spring (15) after removed Shackle pin (10).

### Reassembling

#### CAM

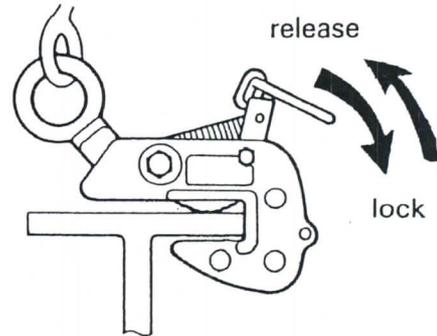
Reassemble in the reverse order after inserted new Cam to the position correctly.

# Lateral Lifting Clamps, (Splitted Jaw Type)

Model : HLC-U

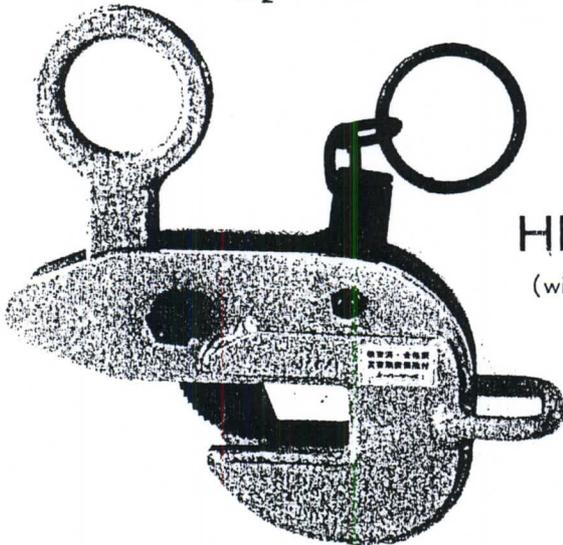
## Operation method

1. Insert onto steel plate (object to be lifted) sufficiently deeper than red mark on the mouth part of body.
2. Lower tension arm into lower position as shown in the right drawing.
3. When detaching plate, release the locked state with the lock handle as shown after loosed the wire rope.  
**Warning : Do not reverse spring tension untill plate is at rest.**
4. Do not lift steel plate in the state of 1 and 3.

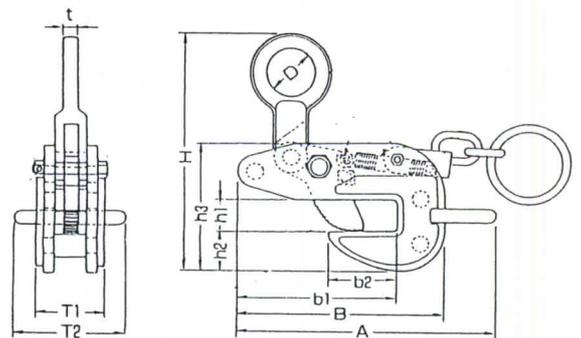


## LATERAL LIFTING CLAMPS

Splitted Jaw Type



HLC-U  
(with tightening lock)



Dimension Table

Dimensions in mm

ITEM NO.	Cap, ton	Clamping, Weight Range (Kgs.)	H MAX	h1	h2	h3	A	B	b1	b2	D	T1	T2	t	
HLC-0.5U	0.5	0-25	3.2	208	28	35	112	212	170	130	56	40	57	84	12
HLC-1U	1	0-30	5.1	246	33	46	141	250	208	152	65	50	64	84	16
HLC-2U	2	0-35	8.7	292	38	58	171	283	241	173	74	60	80	98	18
HLC-3U	3	0-40	13.5	337	43	70	200	329	273	193	83	70	90	112	20
HLC-5U	5	0-45	21.5	385	48	86	229	370	314	218	90	80	102	112	22