

Lifting Clamp for U-Shaped Gutter (Automatic Internal Expanding Type) **BUC1000A**

■ Uses

Clamps dedicated for lifting reinforced concrete U-shaped gutter, drop-lid type U-shaped gutter and bench flume.

■ Features

1. Since it is an internal expanding type, the clamps do not come into contact with the water line, allowing installation work to be performed while the water line remains in place.
2. It can be used even when there are obstacles such as blocks or walls on one side.
3. The automatic attachment/detachment mechanism speeds up the work process.
4. The roller at the bottom of the unit automatically adjusts the clamp position.
5. It has a wide clamping range, which can be easily adjusted by swapping out the adjustment plates.
6. By replacing the adjustment plates with the separately sold medium or long plates, the clamping range can be adjusted up to a maximum of 600 mm.
7. The pads feature a spike mechanism to securely clamp lifting loads.
8. The pads are made of special rubber and can also be used as non-marring pads by retracting the spikes.

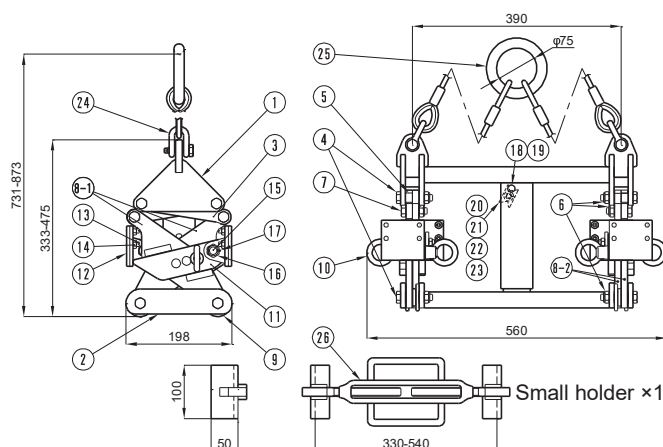
■ Specifications

● Standard

Item No.	Rated Capacity (kg)	Clamp Range (mm) Short Adjustment Plate (standard equipment)		Size of U-shaped gutter	Net Weight (kg)
BUC1000A	1,000	Short	Level ① 210-250	240•250	26
			Level ② 250-290	300	
			Level ③ 290-330	—	

*Clamping range applies when the inner walls of the U-shaped gutter are parallel.

*The size of U-shaped gutter follows JIS A5372.



●With Optional Parts Installed

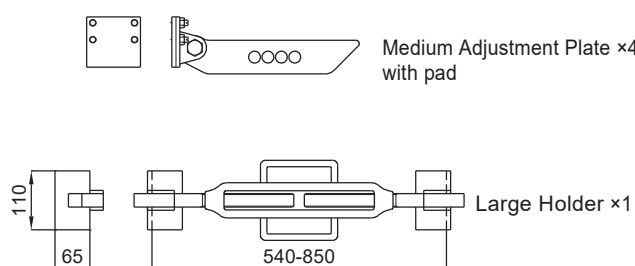
Item No.	Rated Capacity (kg)	Clamp Range (mm) Optional Adjustment Plate		Size of U-shaped gutter	Net Weight (kg)
BUM1000A Medium Set	1,000	Medium	Level ① 320-360	350•360	28
			Level ② 360-400	400	
			Level ③ 400-440	450	
			Level ④ 440-480	500	
BUF1000A Medium & Long Set	1,000	Medium	Level ① 320-360	350•360	28
			Level ② 360-400	400	
			Level ③ 400-440	450	
			Level ④ 440-480	500	
		Long	Level ① 480-520	550	31
			Level ② 520-560	600	
			Level ③ 560-600	—	

*Clamping range applies when the inner walls of the U-shaped gutter are parallel.

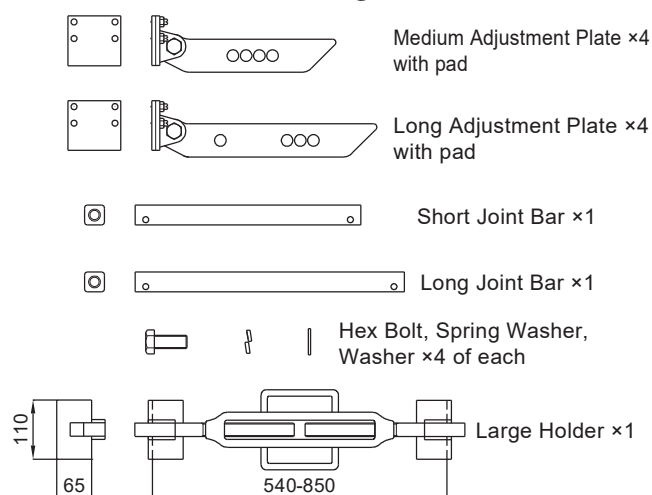
*The size of U-shaped gutter follows JIS A5372.

Set Contents

BUM1000A Medium Set



BUF1000A Medium & Long Set



Part No.	Part Name	Item No.	Set Q'ty
*1	Lifting Hook Section	—	—
2	Bottom Plate Section	BUCA1000A	1
3	Link	BUCB1000A	4
4	Hex Bolt A	BUCC1000A	8
5	Collar	BUCD1000A	4
6	Lock Nut A	BUCE1000A	12
7	Hex Bolt B	BUCG1000A	4
8-1.2	Jaw L/R	BUCH1000A	2 each
9	Roller	BUCI1000A	4
10	Eye Nut	BUCJ1000A	4
11	Short Adjustment Plate	BUCK1000A	4
12	Pad	BUCL1000A	4
13	Spike	BUCN1000A	16
14	Hex Nut		16

Part No.	Part Name	Item No.	Set Q'ty
15	Hex Bolt C	BUCO1000A	4
16	Slotted Nut	BUCP1000A	4
17	Cotter Pin	BUCQ1000A	4
18	Hex Bolt D	BUCR1000A	1
19	Lock Nut B	BUCS1000A	1
20	Switch Claw	BUCT1000A	1
21	Pin for Switch Claw		1
22	Spring		2
23	Washer		2
24	Shackle	BUCU1000A	2
25	Ring/Wire	BUCV1000A	1
26	Small Cracking Prevention Holder	BUCW1000A	1

*1 The lifting hook section cannot be sold as a replacement part with an engraving.