

# D-Lift Anchor Series



D-Lift Anchor...1



D-Lift Cuppler...1



D-Lift Gum Former...2



D-Lift Free Former...2



D-Lift Metal Former...2



D-Lift Urethane Former...2

# D-Lift Coupler/D-Lift Anchor

## Product overview and features

### ■ D-Lift System overview

D-Lift system had developed by our partner company, HALFEN-DEHA in Germany that the technology to secure the safety and speed up of the production and handling of concrete products which consist of below 3 points.

1. Anchor Embed into concrete product
2. Former Attaching anchor with mold
3. Coupler To Lift concrete product

We cover the suspended load from 1.3tons to maximum of 22tons. Customer is able to select a size based on product weight, production and building methods and conditions, etc. By using with basic and optional parts will allow all type of construction methods.

### ■ D-Lift System product features

- Wide range of suspended load : Covering by 7series from

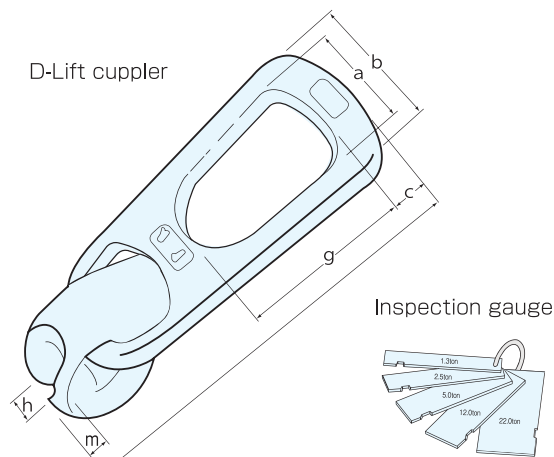
1.3tons to 22tons.

- Safety, Certain, Easy : Simple formfactor which considered carefully will secure the safety during lifting operation. Attaching and detaching of sling is easy that increase efficiency of operation.
- Considering post-process : Anchor designed to be embedded below a surface of product.  
Also the shape of anchor is nailhead that prevent concrete that filled in the dent made by former to fall out by anchor head to catch them by nailhead.
- Competitive price: The anchor shape is simple and productivity to make them is very high that lead competitive price of product.
- Long time experience : The products has been used globally for long time and compatible with all suspending methods. Technical supports also available.

D-Lift Anchor series

### ● D-Lift Coupler

Coupler part securely hold the head of D-Lift Anchor that embeded into concrete product. Ring part has flexibility so that it can be compatible with all of lifting angles. Please do the regular inspection for repeated use.

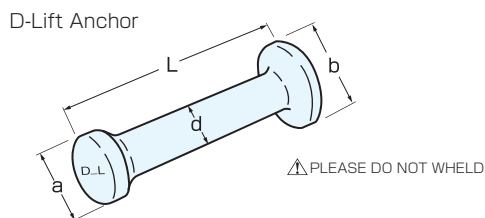


### ■ D-Lift Coupler specification

Rated load	a	b	c	g	h	i	m
1.3tons	47	45	20	71	11	188	7.0
2.5tons	59	91	25	86	16	230	8.5
5tons	70	118	37	88	21	283	10.0
10-12tons	88	160	50	115	30	401	14.0
16-22tons	106	180	75	135	41	506	21.0

### ● D-Lift Anchor

Applying high durability material and shape that enable to avoid the head of anchor to stick out from concrete surface. We have product line up of the rated load from 1.3tons up to 22tons.



### ■ D-Lift Anchor specification

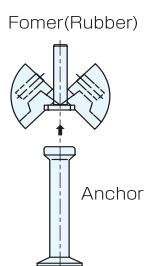
Rated load						Rated load					
L	d	a	b	case pack	L	d	a	b	case pack		
1.3tons (green) material: SWRCH18A	50	10	18	25	200	10tons (gold) material: SS490	120	28	47	70	20
	55	10	18	25	200		150	28	47	70	20
	65	10	18	25	200		170	28	47	70	15
	85	10	18	25	200		220	28	47	70	15
	120	10	18	25	200		340	28	47	70	10
2.5tons (black) material: SWRCH18A	240	10	18	25	100	480	28	47	70	5	
	60	14	25	35	100	12tons (silver) material: S40Cr	170	28	47	70	15
	68	14	25	35	100		220	28	47	70	15
	85	14	25	35	100		340	28	47	70	10
	100	14	25	35	100		480	28	47	70	5
120	14	25	35	100	160		38	69	98	5	
5tons (silver) material: SS490	170	14	25	35	50	16tons (silver) material: S40Cr	180	38	69	98	5
	210	14	25	35	50		220	38	69	98	5
	280	14	25	35	50		280	38	69	98	5
	85	20	36	50	50		340	38	69	98	5
	95	20	36	50	50		500	38	69	98	5
10-12tons (silver) material: S40Cr	120	20	36	50	50	22tons (silver) material: S40Cr	250	38	69	98	5
	160	20	36	50	40		280	38	69	98	5
	180	20	36	50	40		340	38	69	98	4
	240	20	36	50	30		500	38	69	98	3
	340	20	36	50	20						

**Warning:** Please read user manual carefully and be sure to use safely. Please do inspection of the hunger regularly.

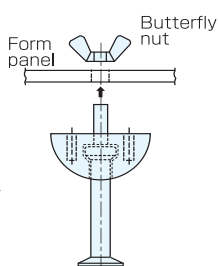
• 12, 16, 22ton series are production on order. • Hot dip galvanizing can be applied on order.

## Mounting Methods

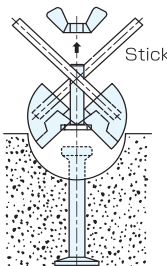
① Anchor Setting  
Open a crack of rubber former and set an anchor.



② Placing Concrete  
Placing concrete by using optional jig if needed.

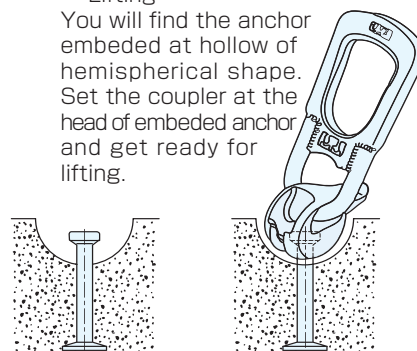


③ Form Removal  
Remove former (rubber) by using stick, etc.



④ Complete embedding,  
Lifting

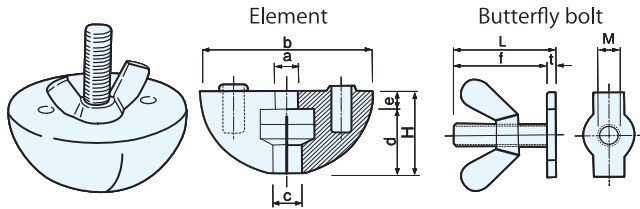
You will find the anchor embeded at hollow of hemispherical shape. Set the coupler at the head of embeded anchor and get ready for lifting.



# D-Lift Rubber Former / D-Lift Free Former / D-Lift Metal Former / D-Lift Urethane Former

## ●D-Lift Rubber Former

By fixing standard rubber former and D-Lift Anchor with form panel to create hemispherical shaped hollow on concrete surface which enable them to coupling with D-Lift Coupler.  
D-Lift Former consist of element, butterfly bolt and nut.

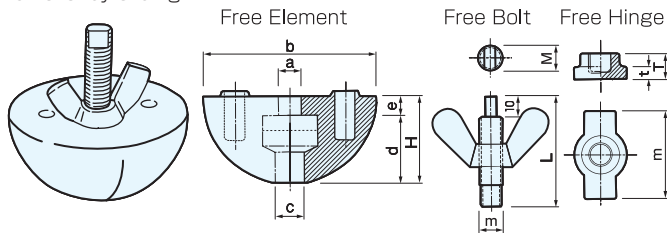


### ■ D-Lift Rubber Former specification

Rated load	Element(rubber)						Butterfly bolt			
	a	b	c	d	e	H	f	L	t	M
1.3tons	8	60	10	23	6.5	29.5	50	55	4	8
2.5tons	12	77	14	30	7.5	37.5	50	55	4.5	12
5tons	12	98	20	37	10	47	50	55	6	12
10~12tons	12	128	28	49.5	10.5	60	50	55	6	12
16~22tons	12	160	39	66	10	76	50	55	6	12

## ●D-Lift Free Former (Rubber)

When remove the form by sliding to cross direction, the bolt prevent the form to remove.  
The D-Lift Free Former let the bolt remove that enable the form removal by sliding.



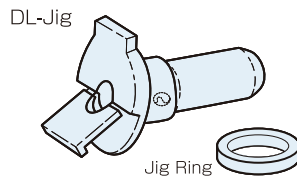
### ■ D-Lift Free Former specification

Rated load	Element (Rubber)						Free Bolt/Free Hinge				
	a	b	c	d	e	H	L	M	m	T	t
1.3tons	14	60	10	23	6.5	29.5	60	8	8	10	4
2.5tons	14	77	14	30	7.5	37.5	60	12	8	10.5	4.5
5tons	18	98	20	37	10	47	60	12	12	13.5	6
10~12tons	18	128	28	49.5	10.5	60	60	12	12	13.5	6
16~22tons	18	160	39	66	10	76	60	12	12	13.5	6

## ●Former Optional products

### • DL Jig

This is the jig specially developed for Free Rubber former and it is able to do the settings by single person so that it can reduce the working time.



### • S-2 Jig

This is the jig specially developed for Urethane former, that enable demolding to shearing direction or unreachable place.



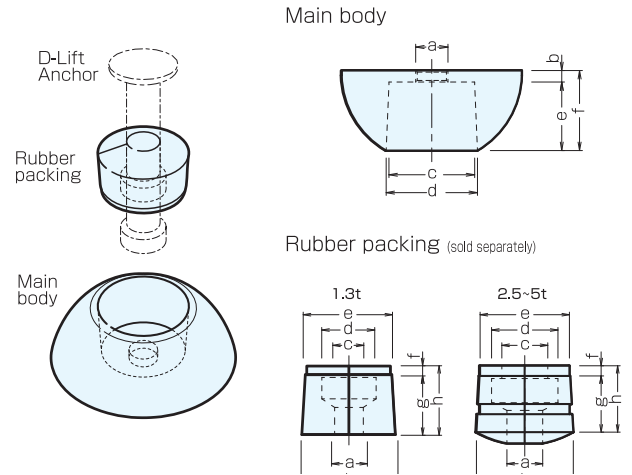
### • DL Seal

Adhesive seal for waterproof, anti-icing, anti-freezing.



## ●D-Lift Metal Former

It is durable Metal Former.

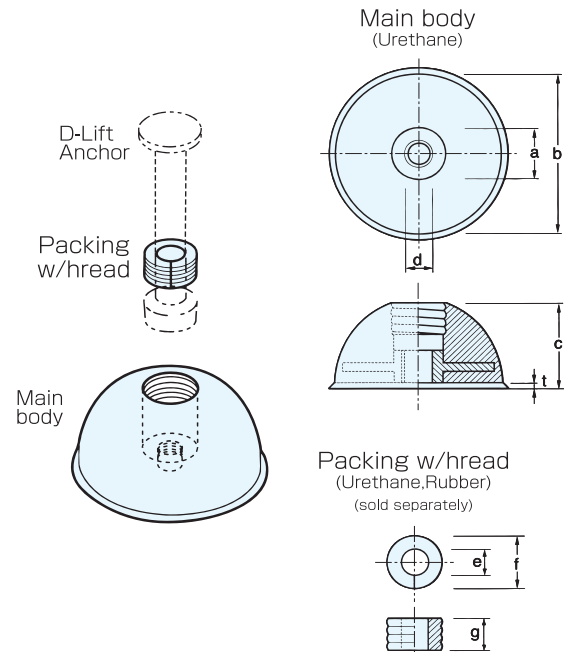


### ■ D-Lift Metal Former Specification

Rated load	D-Lift Metal Former						Rubber packing							
	a	b	c	d	e	f	a	b	c	d	e	f	g	h
1.3tons	M8	4	30	32	24	28	10	32.5	19	29	30	3	21	24
2.5tons	M12	5	35	38	26.5	31.5	14	39	18	26	35	4	22	26
5tons	M16	7	45	48	32	39	20	48	26	37	45	4	27.5	31.5

## ●D-Lift Urethane Former

This is the former made by special polymer that have high peelability and durability.  
The shape of former specially designed to prevent edge chipping.



### ■ D-Lift Urethane former specification

Rated load	Urethane former					Packing w/thread(sold separately)				
	a	b	c	d	color	e	f	g	Urethane	Rubber
1.3tons	19	60	30	d10	green	10	19	13	green	black
2.5tons	26	77	38	M10	red	14	26	17	red	black
5tons	37	98	43	M12	blue	20	37	18	blue	black
10~12tons	53	125	58.5	M12	yellow	29	53	26.5	yellow	black
16~22tons	-	-	-	-	-	-	-	-	-	-



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