

Lift Anchor Series



Lift Anchor 1



Recess Former ... 2



Ring Clutch 2



Former Plate 2



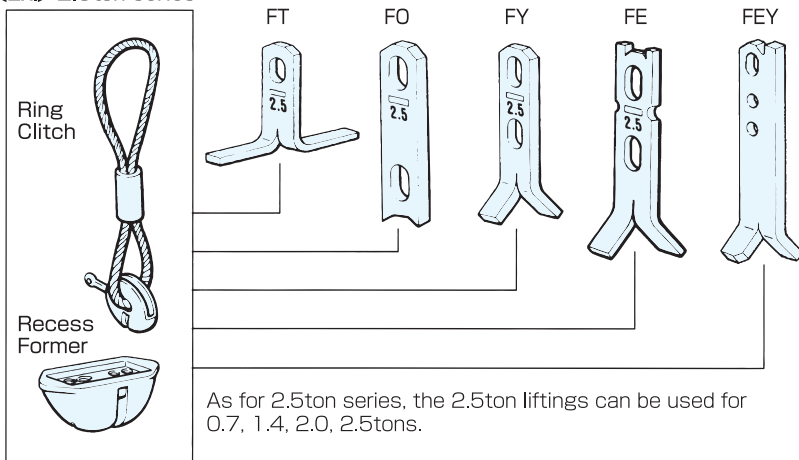
Former Bolt..... 2

Lift Anchor Series PAT.

Product overview and features

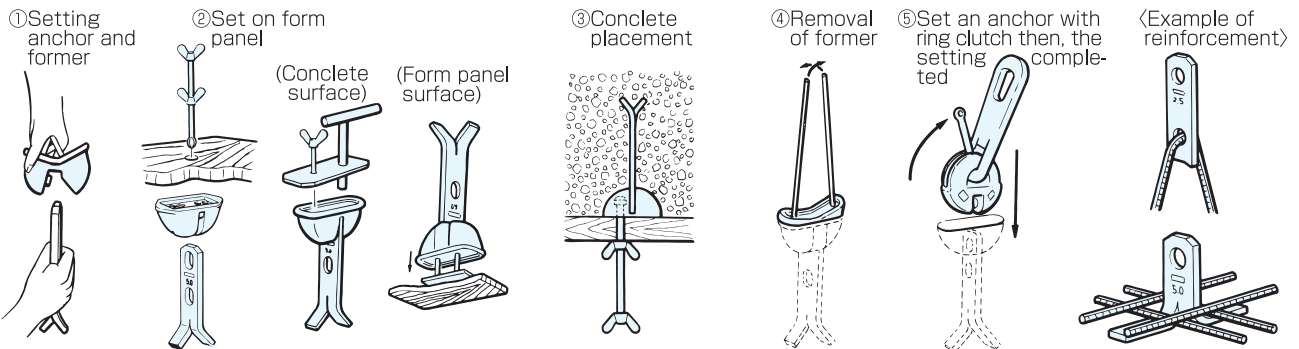
- System developed for transport of concrete products.
 - There is no anchor projection on the surface of concrete, so that it is able to set at narrow place. Also can be used with thin type concrete. Product line up include wide variety of anchor.
 - A series can be applicable to wide range of loads so that it is no need to own many lifting products.
 - Easy handling help to increase a work efficiency. Lifting angle can be chosen freely and the safety has considered at sufficient level.
 - When locate concrete products at stockyard, please use lift seal to prevent water fall into the head of lifting anchor, also to prevent fleezing.
- Components for the System
 - Ring Clutch: Dedicated jig for lifting (5 types as per loads)
 - Lift Anchor: Embedded Anchor, 0.7 to 26tons
 - Recess Former: Jig used with form panel to connect anchor(5types as per loads)
 - Former Bolt: Bolt for connecting recess former. (w/One-touch type)
 - Former Plate: Jig for connecting recess former (for form panel, for demolding)

(Ex.) 2.5ton series



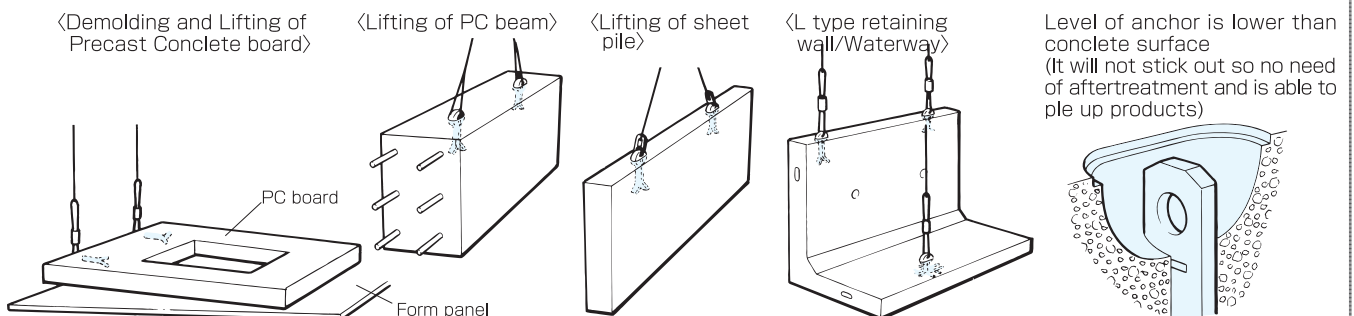
Series tons	Load range(ton)				
	1.25	2.5	5	10	26
1.25	○				
0.7		○			
1.4		○			
2.0		○			
2.5		○			
3.0			○		
4.0			○		
5.0			○		
5.3				○	
7.5				○	
10.0				○	
12.5					○
17.0					○
22.0					○
26.0					○

Mounting Methods



Example of Use

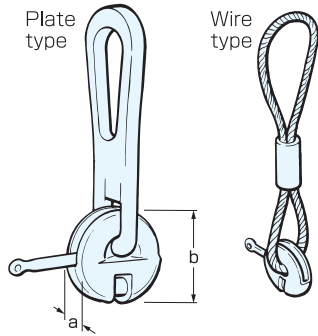
Image of Anchor connection



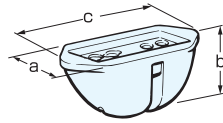
Lift Anchor Series PAT.

Lifting Anchor System specification table

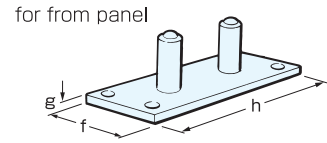
〈Ring Clutch〉



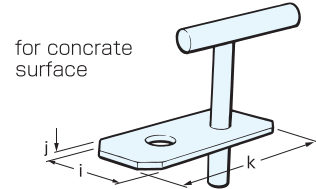
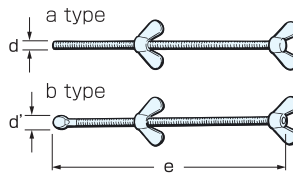
〈Recess Former〉



〈Former Plate〉



〈Former Bolt〉



● Ring Clutch

(Unit: mm)

Load range(ton)		Size		Inventory	
Type	Load	a	b	Plate	Wire
1.25	1.25	20	52	-	○
2.5	0.7~2.5	27	70	○	○
5.0	3.0~5.0	36	100	○	○
10.0	5.3~10.0	50	140	○	○
26.0	12.5~26.0	72	290	○	○

● Standard of installation parts

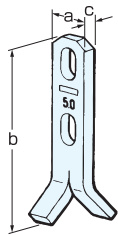
(Unit: mm)

Load range Type(ton)	Recess former			Former bolt			Former plate(for form panel)			Former plate(for concrete surface)		
	a	b	c	d	d'	e	f	g	h	i	j	k
1.25	26	32	60	M8	*	160	15	4	40	34	3.2	67
2.5	42	46	104	M8	10	160	30	4	70	52	3.2	114
5.0	49	59	126	M8	10	160	30	4	85	64	3.2	142
10.0	67	85	188	M12	15	180	45	4	125	90	3.2	220
26.0	112	118	234	M12M16	15	180	65	4	175			

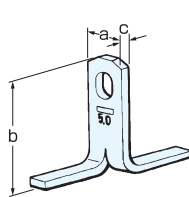
* 1.25ton series has no b type, 26.0tons series: a type=M16, b type=M12

Lifting Anchor specification table (Material: SM490A)

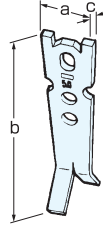
〈FYanchor〉



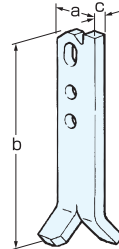
〈FTanchor〉



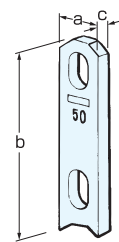
〈FEanchor〉



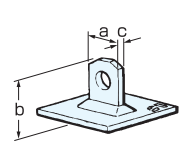
〈FEYanchor〉



〈FOanchor〉



〈FPanchor〉



Dust-proof treatment is available per request.

● Lifting Anchor specification table (Production on Order)

(Unit : mm)

Ring clutch load range (tons)	Load capacity	FYanchor			FTanchor			FEanchor			FEYanchor			FOanchor			FTanchor		
		b	c		a	b	c	a	b	c	a	b	c	a	b	c	a	b	c
1.25tons	1.25	30	120	6															
2.5tons	0.7	30	-	5	30	70	5							30	-	5			
	1.4	30	120	6	30	75	6	55	200	6				30	90	6			
	2.0	30	140	8	30	85	8							30	90	8			
	2.5	30	150	10	30	90	10	55	230	10	40	150	10	30	90	10	30	-	10
5.0tons	3.0	40	160	10	40	100	10							40	120	10			
	4.0	40	180	12	40	120	12	70	270	12				40	120	12			
	5.0	40	190	15	40	90	15	70	300	15	60	230	15	40	120	15	40	-	15
		40	230	15	40	130	15												
10.0tons	5.3	60	250	12	60	140	12							60	160	12			
	7.5	60	250	16	60	160	16	95	250	16				60	160	16			
		60	200	20	60	160	20	95	-	20	80	-	20	60	160	20	60	-	20
		60	280	20	60	185	20												
26.0tons	12.5	80	300	16				148	-	20				80	-	16			
	17.0	80	380	20				148	-	25				80	-	20			
	22.0	80	580	26				148	-	30				80	-	26			
	26.0 (Only FO type is available)													120	360	30			

* Please check for inventory status upon request.



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