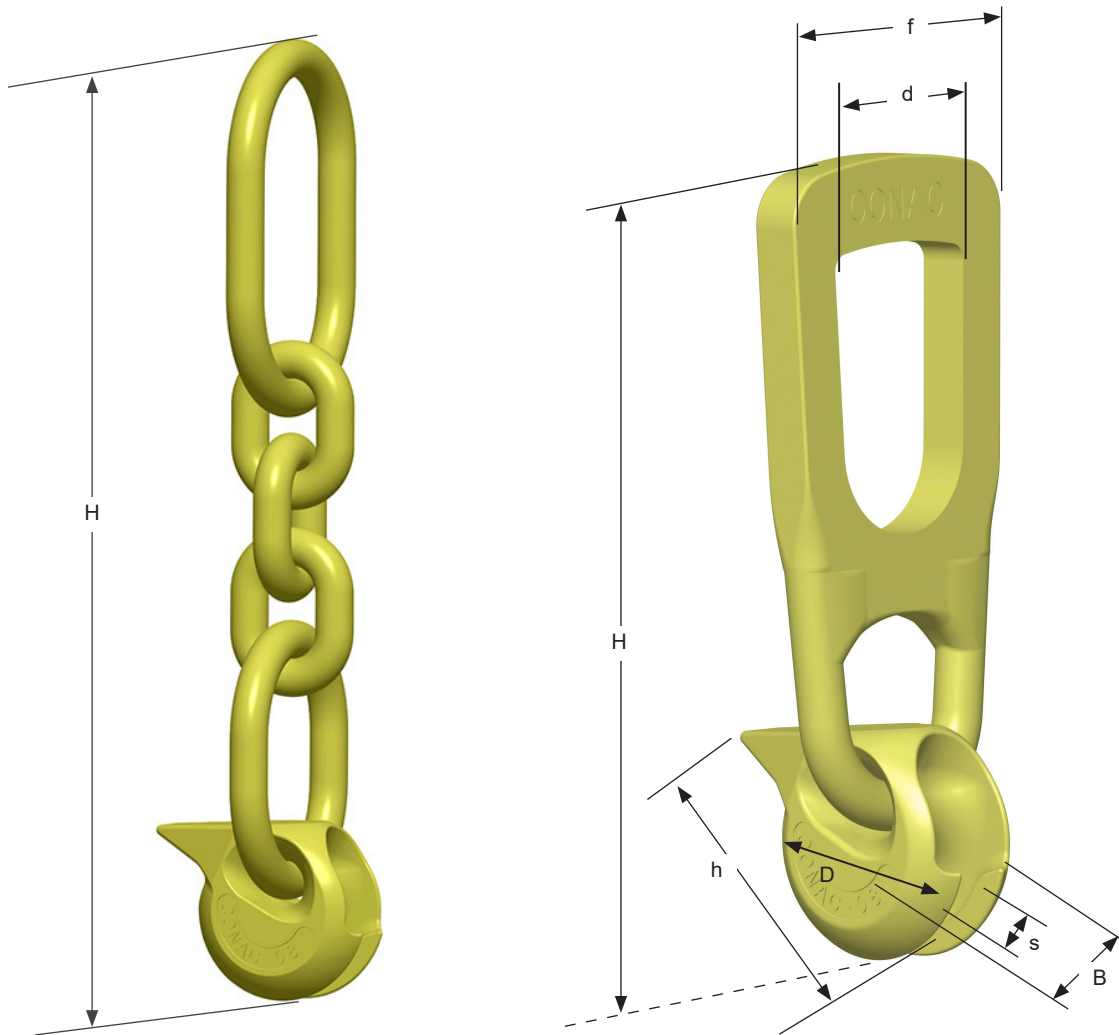


Dr-Anchor Lifting Units

For use with DR Anchors. Lifting Eye rotates on the anchor to the direction of load. The system Code is stamped on each unit to match with the correct anchor type. Available with bail or chain. Standard finish plated.



Standard (With Bail)

ITEM CODE	SYSTEM CODE (T)	SYSTEM CAPACITY (T)	HEAD DIA. (MM)	SHAFT DIA. (MM)	D	H	h	B	s	d	f	WEIGHT (LB/PC)
Lifting Eye 1T	1.3	1	19	10	52	200	73	32	11	45	72	2.18
Lifting Eye 2T	2	2	26	14	63	220	91	42	16	58	87	3.1
Lifting Eye 4T	5	4	36	20	82	275	111	57	22	68	116	7.08
Lifting Eye 8T	10	8	47	28	104	390	150	72	29	84	160	19.62
Lifting Eye 16T	20	16	69	39	153	520	210	109	41	115	187	48.4

Safe working loads based on 5:1 Safety Factor.

With Chain

ITEM CODE	SYSTEM CODE (T)	SYSTEM CAPACITY (T)	HEAD DIA. (MM)	SHAFT DIA. (MM)	D	H	h	B	s	d	f	WEIGHT (LB/PC)
SC3-2	2	2	26	14	63	381	91	42	16			4.18
SC3-4	5	4	36	20	82	444	111	57	22			9.52
SC3-8	10	8	47	28	104	660	150	72	29			24.84
SC3-20	20	16	69	39	153		210	109	41			53

Safe working loads based on 5:1 Safety Factor.

Operation Instructions For Lifting Eye

1. General

The CONAC Lifting Eye is a load lifting device. It grips the head of a DR anchor inside of the recess created by the CONAC Recess Formers. The bail is made from robust, hardened and tempered cast steel. The CONAC Lifting Eye meets the requirements of the "Safety regulations for lifting precast concrete units". Important references include but are not limited to: OSHA Part 1926 and ANSI 10.9.

2. Operating Instructions for the Conac Lifting Eye

1. Hold the CONAC Lifting Eye upside down such that the opening of the bail is placed directly on the anchor head (Figure 1).

2. Rotate the bail until the anchor head has reached the end of the channel (Figure 2). The lip of the bail should be entirely level with the surface of the concrete as shown in the figure.

*If the lip is not level, the anchor head is not completely inside the channel and further rotation of the bail is necessary. Failure to do this could cause the anchor head to bend.

3. The CONAC Lifting Eye can then be used for a straight pull (Figure 2) or for parallel/transversal shear pulls. For parallel or transversal shear pulls, the bail lip must point in the direction of the pull.

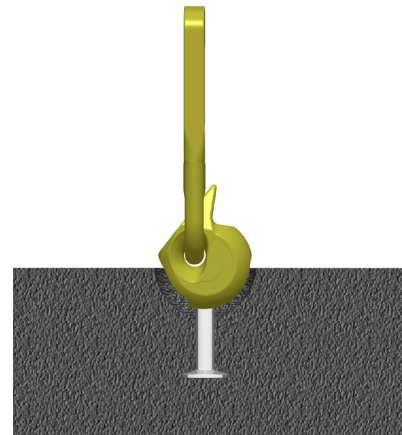


Figure 1

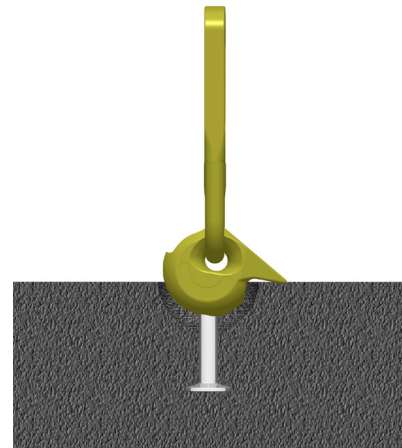


Figure 2

Warning: For traversal/parallel shear pull, the bail lip must point in the direction of the pull, as shown in Figure 4. If positioned incorrectly (Figure 5), the Lifting Eye can come loose.

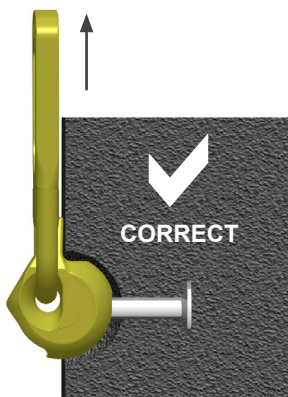


Figure 4

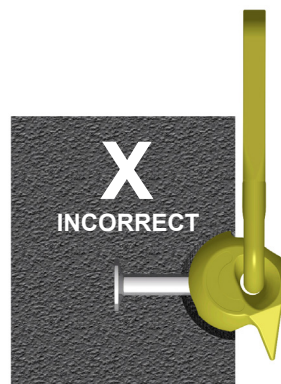


Figure 5

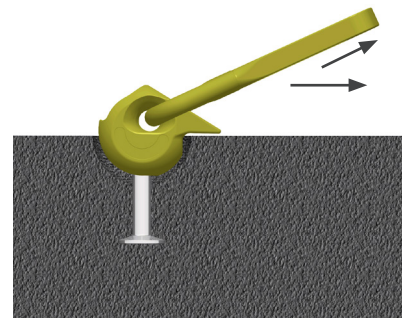


Figure 4

Warning: Do not allow the crane lines to form an angle less than 90 degrees during an edge lift application. This condition can bend the lifting eye bail and could lead to failure.

3. Identification

The identification meets the "Safety regulations for lifting precast concrete units" as follows:

Manufacturer	CONAC
Type	Lifting Eye
Size	e.g. 4T
Manufacture Year	e.g.20
Batch Number	e.g.1234

4. Care, Inspection And Maintenance Of Lifting Eyes

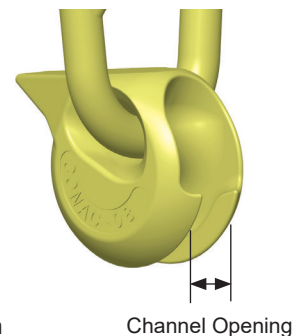
CONAC DR Anchor Lifting Eyes may become worn after extended use or may be damaged through misuse, overloading, or a number of other factors, any one of which may affect the Safe Working Load of the Lifting Eye.

Responsible users will establish a system of periodic inspections which should include the following:

1. Inspect for general condition and wear.
2. Ensure that the bail is free to rotate in all directions.
3. If the bail is bent or twisted, the Lifting Eye must be destroyed.
4. If the throat of the lifting body appears to be spread or deformed, the Lifting Eye must be destroyed.
5. If it appears that the Lifting Eye has been heated in any way, the Lifting Eye must be destroyed.

Destroy any unit that is worn, damaged, bent or twisted by cutting off the bail.
No repair or welding is permitted.

Maximum Working Load	1T	2T	4T	8T	16T
Maximum Channel Opening	12 mm	17 mm	23.6 mm	31 mm	43 mm



Warning: Before lifting, the Lifting Eye should be checked to ensure that it is fully engaged with the anchor. Lifting eyes and anchors from different manufacturers should not be used together. Failure to observe any safety recommendation can result in a service failure of the lifting system.

Warning: Do not modify, weld or alter in any way the Conac Lifting Eye.