



MOMENT LIFTING ANCHOR SYSTEM



We are one team. **We are Leviat.**

Leviat is the new name of CRH's construction accessories companies worldwide.

Under the Leviat brand, we are uniting the expertise, skills and resources of Halfen Moment and its sister companies to create a world leader in fixing, connecting and anchoring technology.

The products you know and trust, Moment Lifting Anchor System will remain an integral part of Leviat's comprehensive brand and product portfolio. As Leviat, we can offer you an extended range of specialist products and services, greater technical expertise, a larger and more agile supply chain and better, faster innovation.

By bringing together CRH's construction accessories family as one global organisation, we are better equipped to meet the needs of our customers, and the demands of construction projects, of any scale, anywhere in the world.

This is an exciting change. Join us on our journey.

Read more about Leviat at Leviat.com



Our product brands include:

Ancon


HALFEN

MOMENT

PLAKA



60
locations

sales in
30+
countries

3000
people worldwide

Imagine. Model. Make.

Leviat.com

MOMENT LIFTING ANCHOR SYSTEM

<i>MOMENT Locking Klaws</i>	1 - 2
<i>MOMENT Lifting Clutches</i>	3
<i>MOMENT Recess Formers</i>	3
<i>MOMENT Narrow Recess Formers</i>	3
<i>MOMENT Spherical Head Lifting Anchors</i>	4
<i>MOMENT Lifting Eye Anchors</i>	5
<i>Anchor Installation Instruction</i>	6
<i>MOMENT Threaded Lifting Loops</i>	7
<i>MOMENT Threaded Lifting Sockets</i>	8
<i>MOMENT Wire Lifting Loops</i>	8 - 10
<i>Others</i>	10

DESIGN 11

DETERMINATION OF APPLIED SERVICE LOAD 11

DYNAMIC IMPACT FACTOR 12

DETERMINATION OF SAFE WORKING LOAD 12

GUIDANCE ON SAFE RIGGING ARRANGEMENT 13 - 14

MOMENT LOCKING KLAWs

For years the design of the lifting clutch has remained unchanged. But now innovation has caused a huge leap forward with a safer, faster, lighter & stronger design.

Locking Klaw's are used for lifting a wide range of precast concrete products for building and civil engineering including panels, pipes, pits, manholes, box culverts, road barriers, bridge beams, planks, sound walls, culverts etc. Fully compliant with all international lifting anchor standards, Locking Klaw's improve safety, performance and flexibility in all situations, fixing the design flaws which have caused failures of other clutches.

The Locking Klaw includes a unique well in the curved lips that ensure the lifting anchor to remain locked in its optimum position. The innovative design also includes a reinforced side wall, a locking tail to further prevent disconnection and a lightweight figure-8 shaped chain link design to provide additional clearance when side lifting.

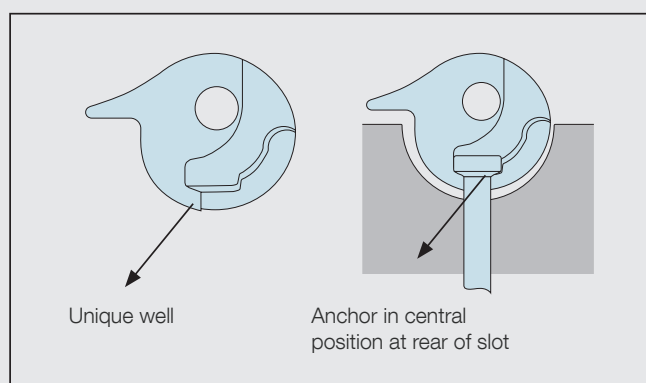


Safer, faster, lighter, stronger clutches for all spherical head lifting anchors

Quality features:

LOCKED KLAw

- Under load, the klaw locks and resists rotation toward the disconnected position, locking the 'tail'.
- The side of the well traps the anchor head and locks the klaw at its position of maximum strength and safety.
- The locked klaw protects against dangerous disconnections where there is a risk of fouling, a common problem when lowering precast drainage products in confined spaces.



REINFORCED SIDE WALL

- The unique 'tapered cantilever' increases the strength when turning and side lifting.
- Lighter but stronger – more efficient metal distribution.

LIGHT BUT COMPACT

- Lightweight and efficient figure-8 chain link design.
- Round links do not damage lifting hooks, links etc.



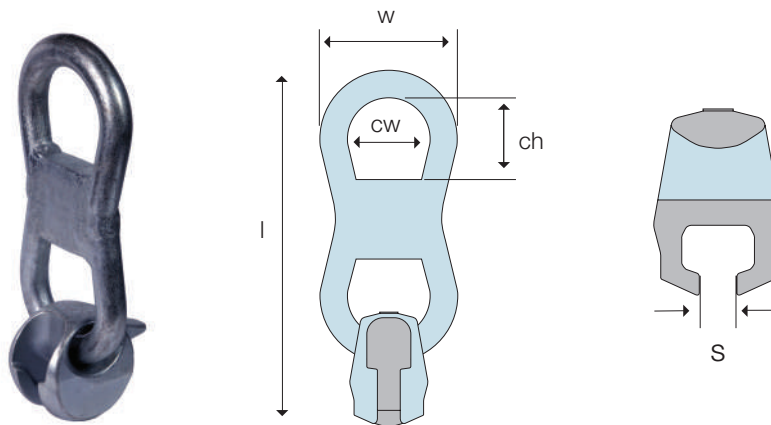
Figure-8 chain link design

Dimensions and Availability

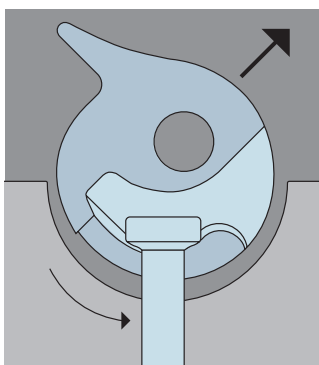
Product Code	SWL (t)	Dimension of Locking Klaw (mm)				
		l	w	ch	cw	s
MLK 1	1.3	170	66	44	40	11
MLK 2	2.5	215	85	59	52	16
MLK 5	5.0	270	110	62	70	22
MLK 10	10.0	365	145	83	90	31

* MLK20 is available upon request

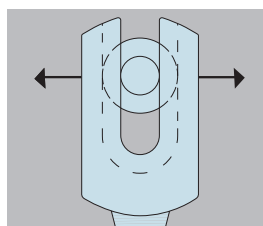
The Locking Klaw comes in a wide range of sizes from 1T to 20T to fit the MOMENT Spherical Head Lifting Anchor range.



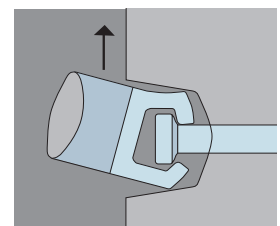
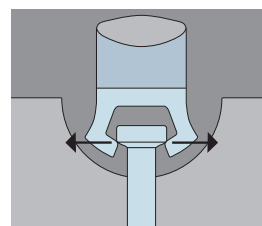
Locking Klaws solve these critical problems, caused by traditional clutch designs



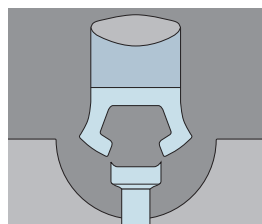
Sphere rotation under load because nothing traps the anchor.



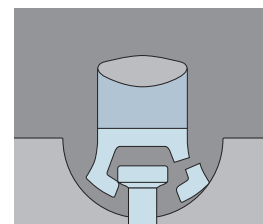
Anchor loses support from the rear of the sphere and the load spreads the lips of the clutch.



Side loading worsens the problem.



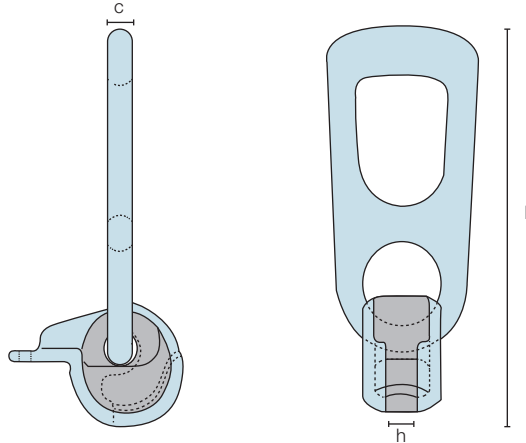
Spread lips cause pull-off failure and shearing of anchor heads.



And in severe cases, the side of the clutch bends and breaks.

MOMENT LIFTING CLUTCHES

For the purely cost conscious precaster, there is also a solution from MOMENT by utilizing traditional technologies with Lifting Clutches. The MOMENT brand Lifting Clutch has been available in the market for many years and is therefore the tried and tested solution for lifting precast concrete elements.



Dimensions and Availability

Product code	SWL (t)	Dimension of Lifting Clutch (mm)		
		l	c	h
MLC 1	1.3	185	12	11
MLC 2	2.5	229	14	16
MLC 5	5.0	285	16	22
MLC 7/10	10.0	401	25	30

* More sizes are available upon request

Available in sizes from 1T to 10T which perfectly complements the MOMENT Spherical Head Lifting Anchor range.

MOMENT RECESS FORMERS

Recess Formers are used to accurately create the correct recess to accommodate the Locking Claws and Lifting Clutches during casting, the Recess Former is moulded from a rubber compound exclusively developed to ensure longevity when in contact with concrete.

The outer curved surface of the rubber compound has a hole at its apex to allow the anchor to extend out of the recess former. It is made of highly durable rubber encasing a high tensile steel bolt, complying with many international standards.

Besides, the geometry of the Recess Former is unique to each load classification of Locking Claws and Lifting Clutches, therefore minimizing the risk of errors as the wrong size clutch cannot be attached.

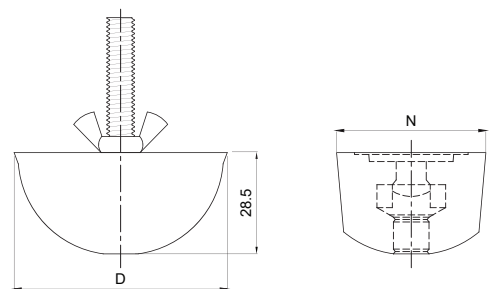
Quality features:

- Hard oil resistant, yet flexible, rubber
- For attachment to steel and timber forms or floats
- Durable rubber case allows easy and clean removal

Dimensions and Availability

Product Code	SWL (t)	Dimension of Recess Former (mm)
		Diameter
MRF 1	1.3	60
MRF 2	2.5	75
MRF 5	5.0	95
MRF 7	7.5	125
MRF 10	10.0	125

* More sizes are available upon request



MOMENT NARROW RECESS FORMERS

Narrow Recess Formers are used to form the recess in very thin wall panels. Durable and resistant against oil, it is used when the load is only in one direction. It also can be used for several times.



Dimensions and Availability

Product Code	SWL (t)	Dimension of Recess Former (mm)	
		D	N
MNF 1	1.3	60	42
MNF 2	2.5	77	52
MNF 5	5.0	95	69
MNF 7	7.5	118	85
MNF 10	10.0	118	85

MOMENT SPHERICAL HEAD LIFTING ANCHORS

This classic design of lifting anchor has stood the test of time and has been successfully used to lift items as small as manhole covers and as large as bridge girders all over the world.

The Spherical Head Lifting Anchor is made of a round steel rod with a forged foot and head. Forged using a special impact resistant steel, the range of Spherical Head Lifting Anchor has been specifically engineered to safely lift precast concrete elements in the most challenging of environments and site conditions.

In the same load group, Spherical Head Lifting Anchors are available with different lengths. Longer anchors are installed for reduced edge spacing or for low concrete strengths. A visible manufacturer's mark is embossed on each anchor; this contains our brand MOMENT Lifting (ML), the length of the anchor in mm and the load class.

Quality features:

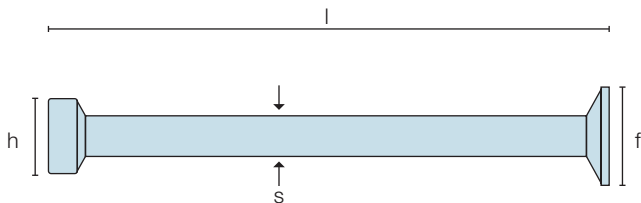
- Safe, quick, efficient
- Durable clutch is resistant to abrasion
- Huge range of anchors and accessories for all types of precast elements
- 8 load classes from 1.3 to 10.0
- Ideal for beam or wall elements



Dimensions and Availability

Product Code	SWL (t)	Standard Anchor Length, l (mm)																		
		40	50	55	65	70	75	90	95	100	120	135	150	165	170	210	240	280	300	340
MSA 1	1.3	√	√		√						√									
MSA 2	2.5			√		√		√			√				√	√		√		
MSA 4	4						√			√							√			
MSA 5	5								√		√				√		√			
MSA 7	7							√		√				√					√	
MSA 10	10									√	√	√		√						√

* More sizes available upon request



Product Code	SWL (t)	Dimension Of Spherical Head Lifting Anchor (mm)		
		h	s	f
MSA 1	1.3	18	10	25
MSA 2	2.5	25	14	35
MSA 4	4	35	18	44
MSA 5	5	36	20	50
MSA 7	7	46	24	60
MSA 10	10	46	28	70

* More info is available on request

MOMENT LIFTING EYE ANCHORS



Manufactured using the same impact resistant forged steel as the Spherical Head Lifting Anchors, these Lifting Eye Anchors are ideally suited for lifting thin, heavy panels or whenever the concrete thickness or strength cannot support Spherical Head Lifting Anchors.

The Lifting Eye Anchor is designed to transfer the entire anchor load through the reinforcement into the concrete. The eye anchor has flexibility beyond its looks as the shape of the rebar used to transfer the load can be manipulated to fit the available space.

The additional reinforcement must be installed securely in the hole with full contact with the eye anchor. In the case of this Lifting Eye Anchor, the reinforcing or hanger bar is the part that does all the heavy lifting. The additional reinforcement must be bent at an angle of 30° as shown. Bend the ends into the eye as in figure 1, (pg6).

Quality features:

- Ideal for lifting thin, heavy panels
- Used with a hanger bar where the concrete is too weak for a cone anchor
- Flexible as the hanger bar can be manipulated to fit the available space

Dimensions and Availability

SWL (t)	Standard Anchor Length, l (mm)				
	50	65	90	120	180
1	√	√			
2		√	√		
5				√	
10					√

* More sizes are available upon request

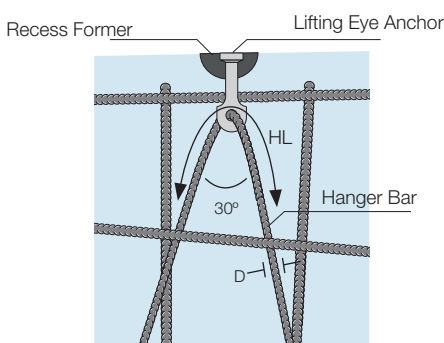
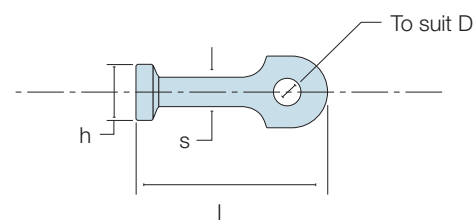


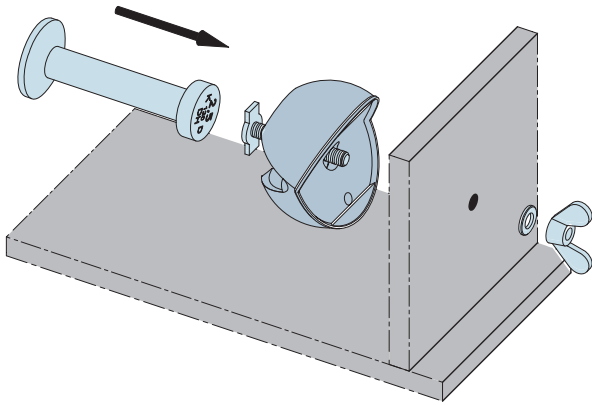
figure 1

Dimensions and Availability

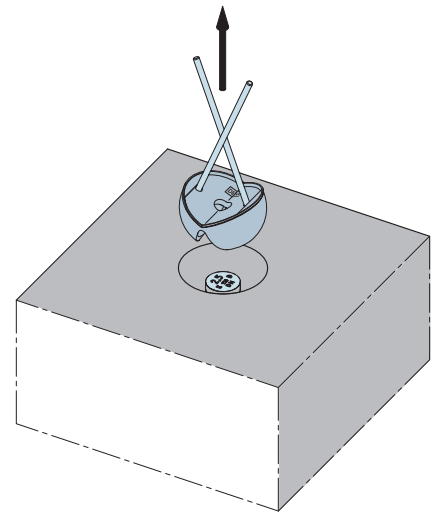
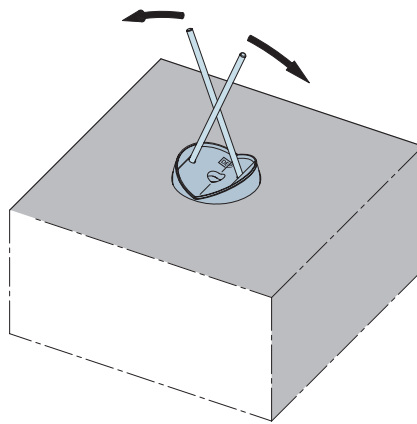
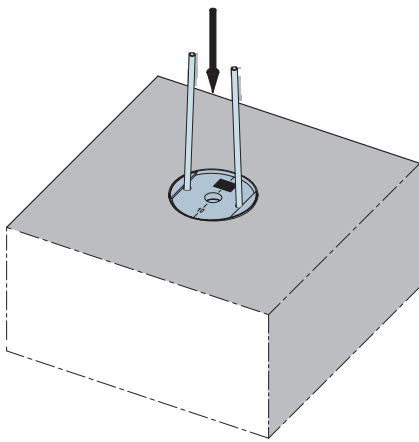
Product Code	SWL (t)	Dimension of Lifting Eye Anchor (mm)				
		h	l	s	Hanger Bar Dia D	HL Cut Hanger Bar Length for 15MPa
MEA 1	1.3	19	65	10	R8	700
MEA 2	2.5	26	90	14	T10	870
MEA 5	5	36	120	20	T16	1020
MEA 10	10	47	180	28	T20	1520

* More sizes are available upon request

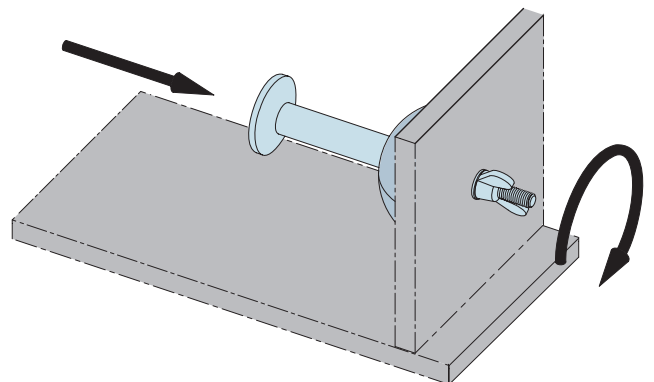
ANCHOR INSTALLATION INSTRUCTION



1. Insert lifting anchor into the recess former. Together with its locating plate, the recess former can be attached to the formwork



2. The recess former is then fixed onto the formwork using its wing nut on the top of the recess former
3. Finally the recess former is tightened firmly onto the formwork closing around the anchor head and hence holding it into position
4. Upon removal of the locating plate, the recess former has two holes which can be used as a lever to remove from the cured concrete



MOMENT THREADED LIFTING LOOPS

The Threaded Lifting Loop is manufactured from high grade steel wire, swaged in a steel ferrule and finished with zinc plating. Designed for use with a threaded lifting socket, it provides a versatile and economic method of lifting precast units and are suitable for most applications, particularly site operations. Loops are available from 16 to 36 mm sizes in Rd thread types. The load capacity for each application is to be taken from the corresponding tables.

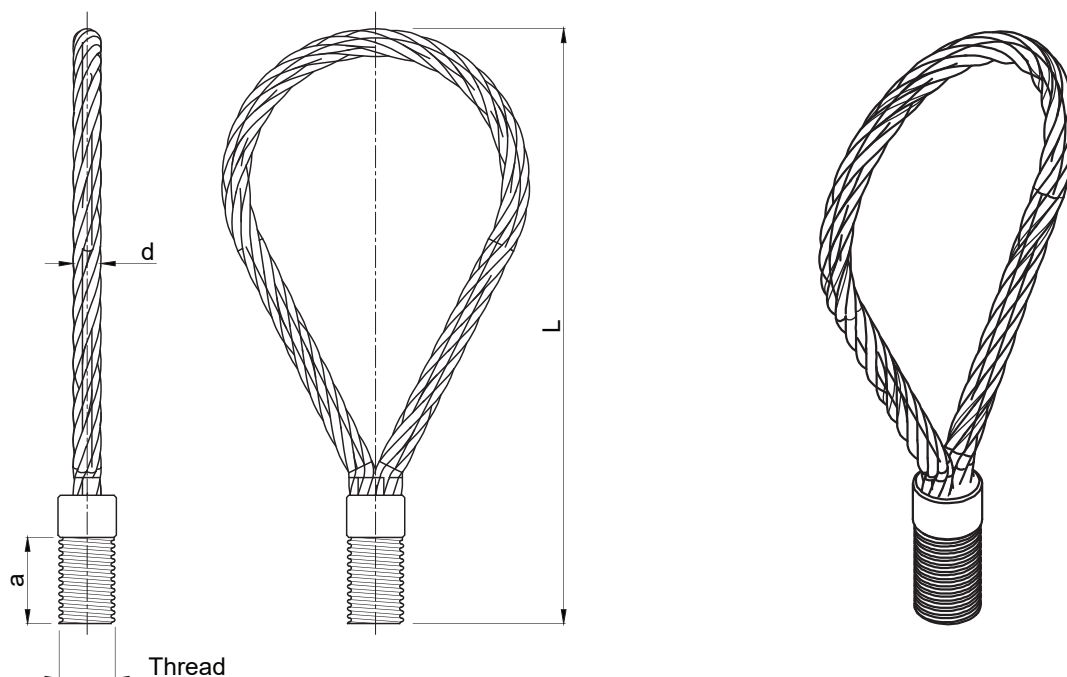
The Threaded Lifting Loops can be subjected to a diagonal lift up to 45°. If a transverse loading is to be applied, a Swivel Lifting Eye should be used to allow the lifting link to rotate through 360°.

Threaded Lifting loops should only be attached to the unit after the concrete strength has reached 15 MPa. In some cases it may be economic and practical to leave the loops with the unit until final installation.



Quality features:

- Versatile
- Economic Threaded Lifting Loops for one off operations



Dimensions and Availability

Product Code	SWL (t)	Dimension of Threaded Lifting Loop (mm)	Size of Rd Thread
		I	
MTL 0.5	0.5	150	12
MTL 1	1.2	155	16
MTL 2	2.0	215	20
MTL 2	2.5	255	24
MTL 4	4.0	300	30
MTL 6	6.3	340	36

* 20t & 23t are available upon request

MOMENT THREADED LIFTING SOCKETS

Threaded Lifting Sockets are economic and have advantages in thin components, where the long tail provides excellent anchorage. The reinforcement tail is essential and must be installed and fitted to transfer the load into the concrete as shown.

Threaded Lifting Sockets are available in Zinc plated and stainless steel both with Rd threads. These sockets are specially made for lifting are not to be confused with fixing sockets. For thin units that have to be turned through 180° from mould to final position, Threaded Lifting Sockets can be made double threaded to pass right through the unit.

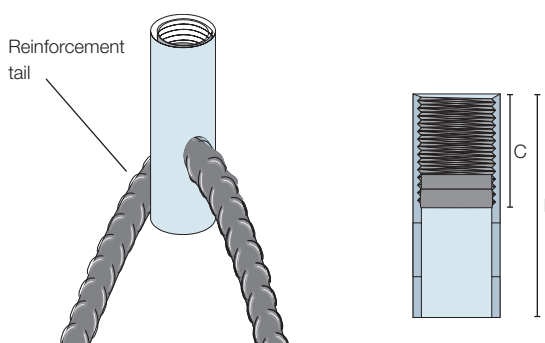
Plastic Stopper Caps are also available to protect threads from weathering and ingress of dirt or foreign matter that can prevent the threads from engaging completely down the length of the socket.



Quality features:

- Available with Zinc Plated with Rd thread
- The socket is anchored into the concrete unit using a reinforcement bar passing through the cross-hole
- Sockets can be used in a wide range of applications due to the flexible way in which the reinforcement can be applied; pipes, walls, slabs

** Stainless steel is available on request*



Dimensions and Availability

Product Code	SWL (t)	Dimension of Threaded Lifting Socket (mm)		Size of Rd Thread
		c	l	
MTS 0.5	0.5	22	40	12
MTS 1.2	1.2	27	54	16
MTS 2	2.0	35	69	20
MTS 2.5	2.5	43	78	24
MTS 4	4.0	56	103	30
MTS 6.3	6.3	68	125	36

** More sizes are available upon request*

MOMENT WIRE LIFTING LOOPS

Wire Lifting Loops are used to facilitate the safe and efficient handling of precast and prestressed reinforced concrete units, including bridge and shell beams.

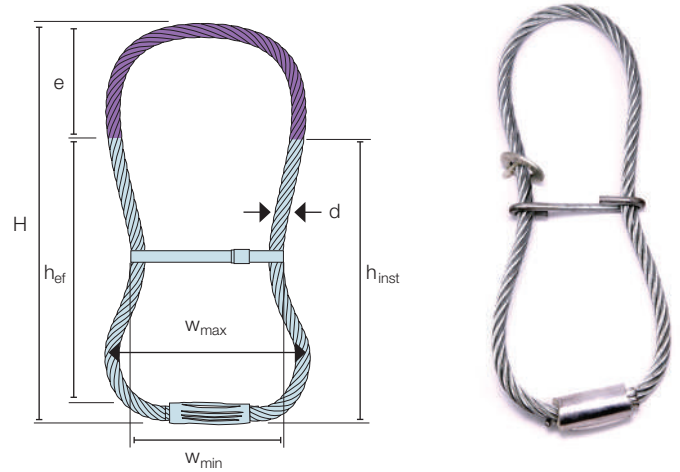
Each Wire Lifting Loop is manufactured from galvanized, high strength, fibre-cored/steel-cored steel wire rope, joined with a swaged ferrule and fitted with a tag detailing the product code, safe working load and batch number. A painted section, designed to be left exposed after installation, provides a visual check that the correct embedment depth has been achieved.

It is easily installed, without recess formers, ready for direct connection to standard lifting hooks and shackles. Besides, Wire Lifting Loop is suitable for axial and diagonal lifting, with a maximum sling angle of 60°, from manufacture until final installation of the precast concrete element.

The multi-stranded, fibre-cored/steel construction of Wire Lifting Loop features small diameter outer wires (see table for details) which generate low bending stresses when loaded. When shackle pins are used in high load designed applications we recommend a diameter not less than 3.5 times diameter rope thickness.

Quality features:

- Safe, reliable, fully engineered solution
- Suitable for axial and diagonal lifting
- Manufactured from corrosion resistant galvanised steel
- No specialist lifting clutches or equipment required
- No recess formers required
- Suitable for use with standard lifting hooks/shackles



Dimensions and Availability

Product Code	SWL (t)	Dimension of Wire Lifting Loop (mm)							
		Approx. Weight kg	Rope Diameter (d)	Overall Height (H)	Embedment Depth (h _{ef})	Installation Depth (h _{inst})	Exposed Insert Height (e)	Min. Width (h _{min})	Max. Width (h _{min})
MLL 4	4	0.6	12	370	269	275	95	100	160
MLL 6	6.0	1.2	16	425	312	320	105	145	200
MLL 8	8	1.8	18	480	331	340	140	170	235
MLL 10	10	2.4	20	525	380	390	135	185	255
MLL 12	12.5	3.5	22	590	424	435	155	200	285
MLL 16	16	4.5	24	670	478	490	180	260	330
MLL 20	20	6.8	28	750	531	545	205	280	325
MLL 25	25	9.8	32	850	599	615	235	300	400
MLL 28	28	12.6	36	850	597	615	235	300	425
MLL 32	32	12.9	36	870	632	650	220	310	425
MLL 37	37	17.5	40	950	670	690	260	340	470
MLL 42	42	22.2	44	1000	698	720	280	350	545
MLL 47	47	24.3	44	1100	748	770	330	390	545
MLL 52	52	31.5	48	1200	846	870	330	420	580
MLL 57	57	35.4	48	1350	946	970	380	480	590

* More info is available on request

* Not stocked, stock available on request

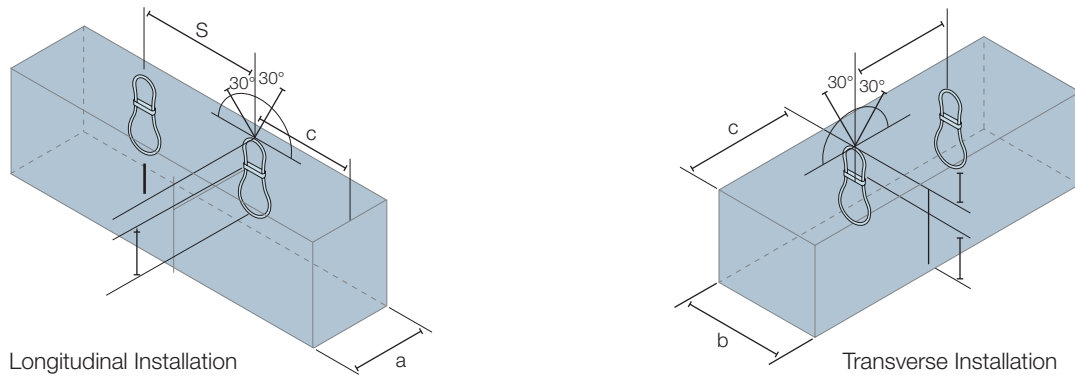


Figure 1

Lifting and Handling

Wire Lifting Loop may be diagonally loaded at an inclination of 30° (Sling angle 60°), see Maximum Sling Angle drawing. The rigging design shall be provided by the lifting design engineer and shown on the erection shop drawings. Refer to Figure 2.

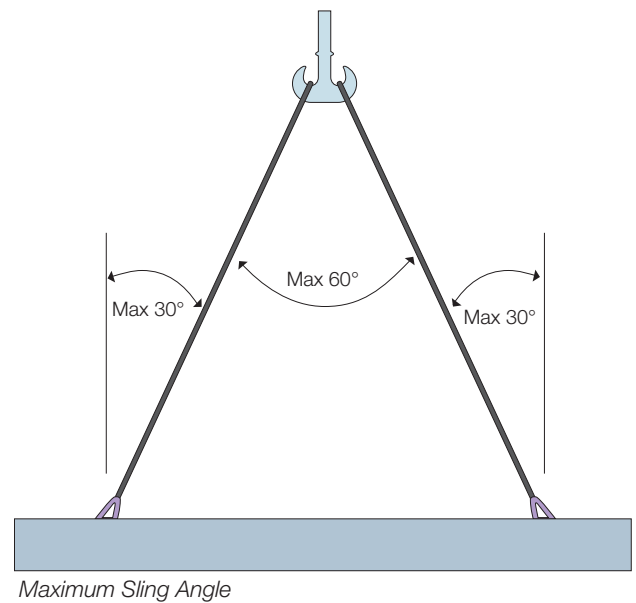


Figure 2

OTHER TECHNOLOGIES AVAILABLE ON REQUEST

List of other technologies available, including Threaded Inserts, Frimeda Anchors, Magnets, Nailing Plates, Shims, Weld Plates, Anchors and Edjpro.



Plate Anchors



Nailing Plate



Shims



Threaded Inserts



Weld Plates



Flat Threaded Anchor



Two Hole Anchor

DESIGN

The following advice is for guidance only. It is given to the best of our knowledge and for general use only and shall be considered as non-binding information.

Due to the interaction with the crane and rigging industries, lifting design is one of the few remaining structural designs that still operates predominantly on a working stress design model rather than limit state design.

Therefore, Safe Working Load of anchor > applied service load.

Also, care needs to be given to assess each load case including demoulding, storage, transportation and erection as the carnage and concrete strength could differ for each.

For specific project information, please contact our technical team.

DETERMINATION OF APPLIED SERVICE LOAD

Element weight, based on 2400-2500kg/m³ is the initial start point for any lifting design. However, there are a number of additional factors that need to be taken in to account:

1. Suction between the concrete element and the formwork can vary depending on the material and geometry of the casting bed. For example:

Adhesion to the formwork

Lubricated steel formwork	$\geq 1\text{kN/m}^2$
Vanished timber formwork	$\geq 2\text{kN/m}^2$
Rough formwork	$\geq 3\text{kN/m}^2$

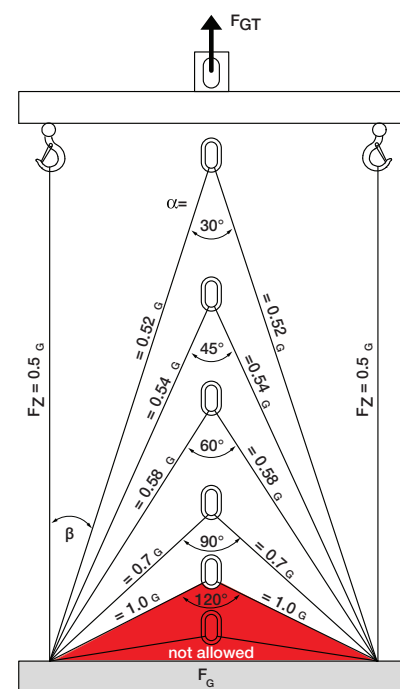
These values are for flat casting beds only and additional factors need to be applied if the geometry is different. For exact guidance, please contact Moment's engineering team.

2. Sling angle factor for the rigging also affects the amplitude of the service load on the anchor and is often directly affected by the amount of height clearance at the precast factory.

It is generally accepted that a sling angle (α) of 60 degrees ($\beta=30$) is the best compromise and therefore tends to be the default for most lifting designs.

Spread angle factors

Cable angle $\beta=30$	Spread angle	Factor z
0°	-	1.00
7.5°	15°	1.01
15°	30°	1.04
22.5°	45°	1.08
30°	60°	1.16
37.5°	75°	1.26
45°	90°	1.41
52.5°	105°	1.64
60.0°	120°	2.0



DYNAMIC IMPACT FACTOR

Another important consideration is estimating the effect of dynamic impact on the lifting system.

This is based on engineering judgement about the type of crane and ground conditions. A fixed gantry crane will have much less dynamic impact than a crawler crane moving over uneven ground.

Dynamic-factors Ψ_{dyn}^*	
Lifting Unit	Shock factors Ψ_{dyn}^*
Stationary crane, swing-boom crane, rail crane	1.2
Lifting and moving on level terrain	2.5
Lifting and moving on uneven terrain	≥ 4.0

** If other values from reliable tests or through proven experience are available for Ψ_{dyn} then these may be used for calculation.*

For other transport and lifting situations the coefficient Ψ_{dyn} is defined through reliable tests or proven experience.

DETERMINATION OF SAFE WORKING LOAD

Each anchor is allocated a load class, but this can give a misleading level of confidence as it is only the steel capacity and the concrete capacity can be much lower.

Steel Capacity

The steel capacity is stamped on every anchor head as is determined by taking the characteristic (5% fractile) strength of the anchor and dividing it by 3. Therefore, a 5T anchor will typically survive a load of 15T before it breaks.

Concrete Capacity

There are a few different concrete failure mechanisms that can occur and for a detailed analysis you should refer to VDI BV-BS 6205 or CEN/TS 1992-4. However, concrete cone failure is the most well known and is a function of the **concrete strength** at time of lift, the **edge distance** and the **embedment depth** of the anchor. The general safety factor given to concrete failure mechanisms is 2.5 against the characteristic (5% fractile) strength of the concrete. It is lower than the steel as it is generally unaffected by multiple uses.

For a detailed analysis of your anchor capacity, please consult the Moment's engineering team.

GUIDANCE ON SAFE RIGGING ARRANGEMENT

Ensuring an anchor with adequate capacity is only part of the battle when trying to determine a safe lifting design. Knowledge about the type of crane and the rigging arrangement are also critical to ensure that the loads are predictable and evenly distributed to all of the anchors.

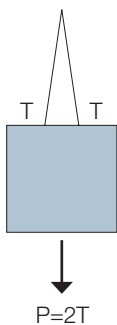
Incorrect rigging can result in the anchors being subjected to double the loads intended. If this is then combined with a different type of crane, it can easily lead to a catastrophic failure that was not predicted when designing the lifting anchors.

In order to minimise the risks associated with poor rigging, there are some basic rules that can be followed such as avoiding multiples of 3 anchors and fixed chain/sling lengths. However, there are some examples below to highlight of best practice in rigging.

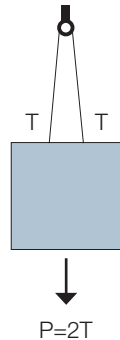
Correct rigging for equalised anchor loading

2 points

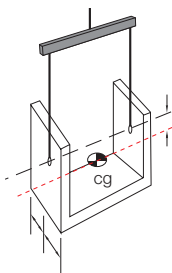
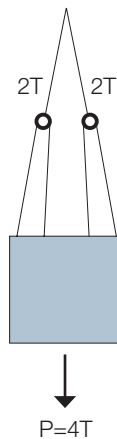
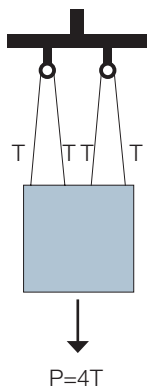
2 fixed length
Equal loads in each



2 fixed length
Equal loads in each



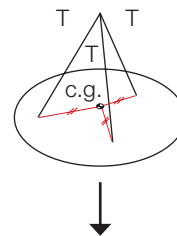
4 points



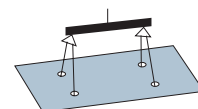
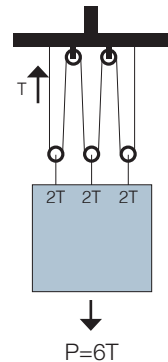
Always ensure that the centre of gravity (centroid) of the object being lifted lies below the centre of lift of the lifting anchors to avoid instability and toppling during lifting.

3 points

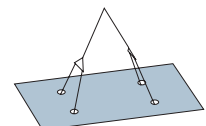
Only for special cases!



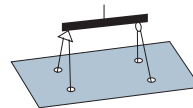
Special Case! 3 fixed leg
slings equally distributed
around the centre of gravity



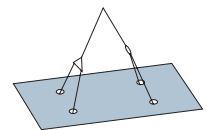
Flat lift - equalised



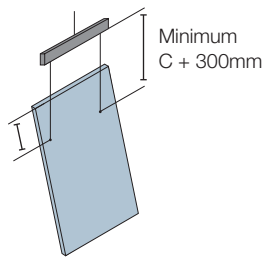
Flat lift - equalised



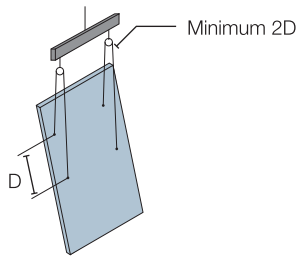
Flat lift - equalised



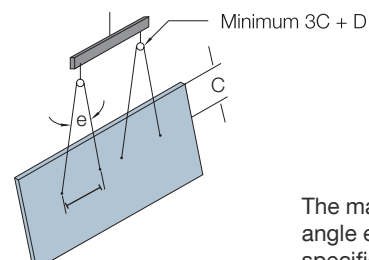
Flat lift - equalised



2 x 1

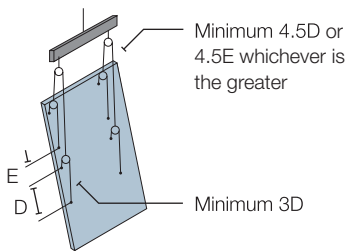


2 x 2

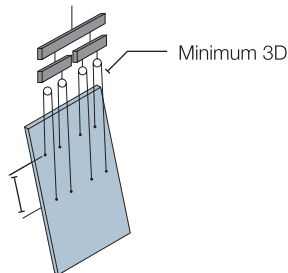


4 x 2

The maximum sling angle e should be specified in the lifting design.



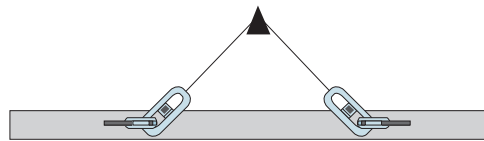
2 x 4



4 x 4

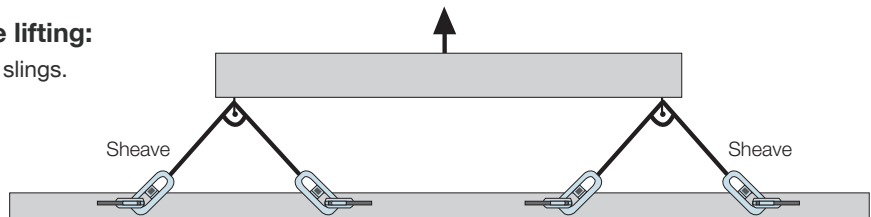
2 point edge lifting:

For tilting up panels by their long edge, e.g. from the casting bed. For typical 150mm thick panels less than 5 metres long.



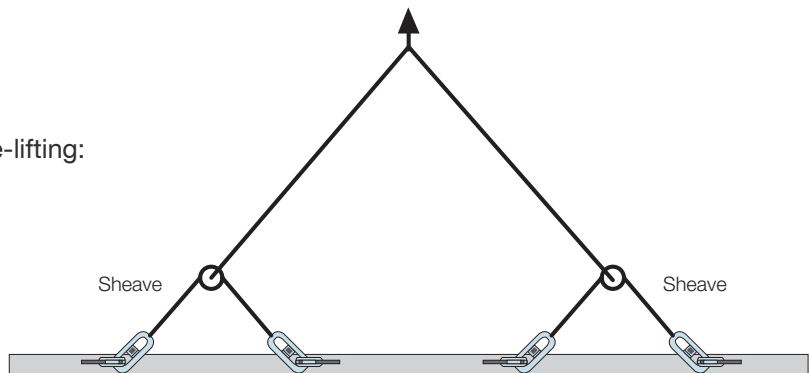
Preferred 4 point equalised edge lifting:

With load equalising beam and sheaved slings. For typical 150mm thick panels 5 - 10 metres long.



Non-preferred 4 point equalised edge-lifting:

With sheaved slings



Worldwide contacts for Leviat:

Australia

Leviat
98 Kurrajong Avenue,
Mount Druitt Sydney, NSW 2770
Tel: +61 - 2 8808 3100
Email: info.au@leviat.com

Austria

Leviat
Leonard-Bernstein-Str. 10
Saturn Tower, 1220 Wien
Tel: +43 - 1 - 259 6770
Email: info.at@leviat.com

Belgium

Leviat
Borkelstraat 131
2900 Schoten
Tel: +32 - 3 - 658 07 20
Email: info.be@leviat.com

China

Leviat
Room 601 Tower D, Vantone Centre
No. A6 Chao Yang Men Wai Street
Chaoyang District
Beijing · P.R. China 100020
Tel: +86 - 10 5907 3200
Email: info.cn@leviat.com

Czech Republic

Leviat
Business Center Šafránková
Šafránková 1238/1
155 00 Praha 5
Tel: +420 - 311 - 690 060
Email: info.cz@leviat.com

Finland

Leviat
Vädursgatan 5
412 50 Göteborg / Sweden
Tel: +358 (0)10 6338781
Email: info.fi@leviat.com

France

Leviat
18, rue Goubet
75019 Paris
Tel: +33 - 1 - 44 52 31 00
Email: info.fr@leviat.com

Germany

Leviat
Liebigstrasse 14
40764 Langenfeld
Tel: +49 - 2173 - 970 - 0
Email: info.de@leviat.com

India

Leviat
309, 3rd Floor, Orion Business Park,
Ghodbunder Road, Kapurbawdi,
Thane West, Thane,
Maharashtra 400607
Tel: +91 22258 92032
Email: info.in@leviat.com

Italy

Leviat
Via F.lli Bronzetti N° 28
24124 Bergamo
Tel: +39 - 035 - 0760711
Email: info.it@leviat.com

Malaysia

Leviat
28 Jalan Anggerik Mokara 31/59
Kota Kemuning, 40460 Shah Alam
Selangor
Tel: +603 - 5122 4182
Email: info.my@leviat.com

Netherlands

Leviat
Oostermaat 3
7623 CS Borne
Tel: +31 - 74 - 267 14 49
Email: info.nl@leviat.com

New Zealand

Leviat
2/19 Nuttall Drive, Hillsborough,
Christchurch 8022
Tel: +64 - 3 376 5205
Email: info.nz@leviat.com

Norway

Leviat
Vestre Svanholmen 5
4313 Sandnes
Tel: +47 - 51 82 34 00
Email: info.no@leviat.com

Philippines

Leviat
U-2933 Regus, Joy Nostalg Centre,
#17 ADB Avenue, Ortigas Center,
Pasig City 1605, Philippines
Tel : +632 7957 6381
E-Mail : info.ph@leviat.com

Poland

Leviat
Ul. Obornicka 287
60-691 Poznan
Tel: +48 - 61 - 622 14 14
Email: info.pl@leviat.com

Singapore

Leviat
14 Benoi Crescent
Singapore 629977
Tel: +65 - 6266 6802
Email: info.sg@leviat.com

Spain

Leviat
Poligono Industrial Santa Ana
c/ Ignacio Zuloaga, 20
28522 Rivas-Vaciamadrid
Tel: +34 - 91 632 18 40
Email: info.es@leviat.com

Sweden

Leviat
Vädursgatan 5
412 50 Göteborg
Tel: +46 - 31 - 98 58 00
Email: info.se@leviat.com

Switzerland

Leviat
Hertistrasse 25
8304 Wallisellen
Tel: +41 - 44 - 849 78 78
Email: info.ch@leviat.com

United Kingdom

Leviat
A1/A2 Portland Close
Houghton Regis LU5 5AW
Tel: +44 - 1582 - 470 300
E-Mail: info.uk@leviat.com

United States of America

Leviat
6467 S Falkenburg Rd.
Riverview, FL 33578
Tel: (800) 423-9140
Email: info.us@leviat.us

For countries not listed

Email: info@leviat.com

Leviat.com

Moment-solutions.com

Notes regarding this catalogue

© Protected by copyright. The construction applications and details provided in this publication are indicative only. In every case, project working details should be entrusted to appropriately qualified and experienced persons. Whilst every care has been exercised in the preparation of this publication to ensure that any advice, recommendations or information is accurate, no liability or responsibility of any kind is accepted by Leviat for inaccuracies or printing errors. Technical and design changes are reserved. With a policy of continuous product development, Leviat reserves the right to modify product design and specification at any time.

