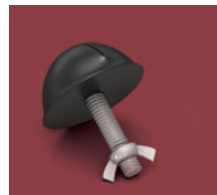


## Installation Guide CA and RA Anchors

Ancon Unilift Anchors can be installed using RRF Rubber Recess Formers, SRF Steel Recess Formers with Rubber Ring, SRF-A Articulating Steel Recess Formers or SRFM Magnetic Steel Recess Formers with Rubber Rings.

The following table shows the correlation between the anchors and the recess formers.

**Table 1 - Correlation between Lifting Anchors and Recess Formers**



WLL	Cone (Foot) Anchors	Reo (Eye) Anchors	RRF Rubber Recess Formers	SRF Steel Recess Formers, SRF-A Articulating Steel Recess Formers and SRFM Magnetic Steel Recess Formers	Locking Klaws
1.3	CA01035 CA01045 CA01055 CA01065 CA01085 CA01120 CA01240	RA01050 RA01065	RRF01	SRF01 / RR01 SRF01A SRFM01	01LK
2.5	CA02055 CA02075 CA02085 CA02120 CA02170 CA02280	RA02065 RA02090	RRF02	SRF02 / RR02 SRF02A SRFM02	02LK
5.0	CA05075 CA05095 CA05120 CA05150 CA05170 CA05240 CA05340 CA05960	RA05120	RRF05	SRF05 / RR05 SRF05A SRFM05	05LK
10.0	CA10150 CA10200 CA10340	RA10180	RRF10	SRF10 / RR10 SRF10A SRFM10	10LK
20.0	CA20200 CA20340 CA20500	RA20250	RRF20	–	20LK
32.0	CA32500 CA32700	RA32300	RRF32	–	32LC / 32LK

## 1A Installation of Unilift Lifting Anchor using Unilift RRF Rubber Recess Formers against formwork:

Unilift RRF Rubber Recess Formers are delivered with a setting bolt and wing nut.



1. Attach Unilift RRF Rubber Recess Former to Unilift Anchor\*  
- see table 1 for correlation between Lifting Anchor and RRF.

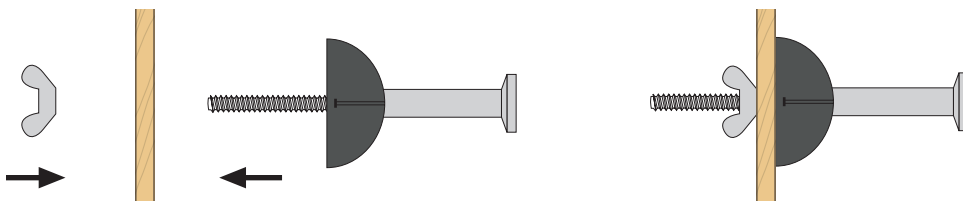


2. Drill a hole in the formwork at the anchor location.



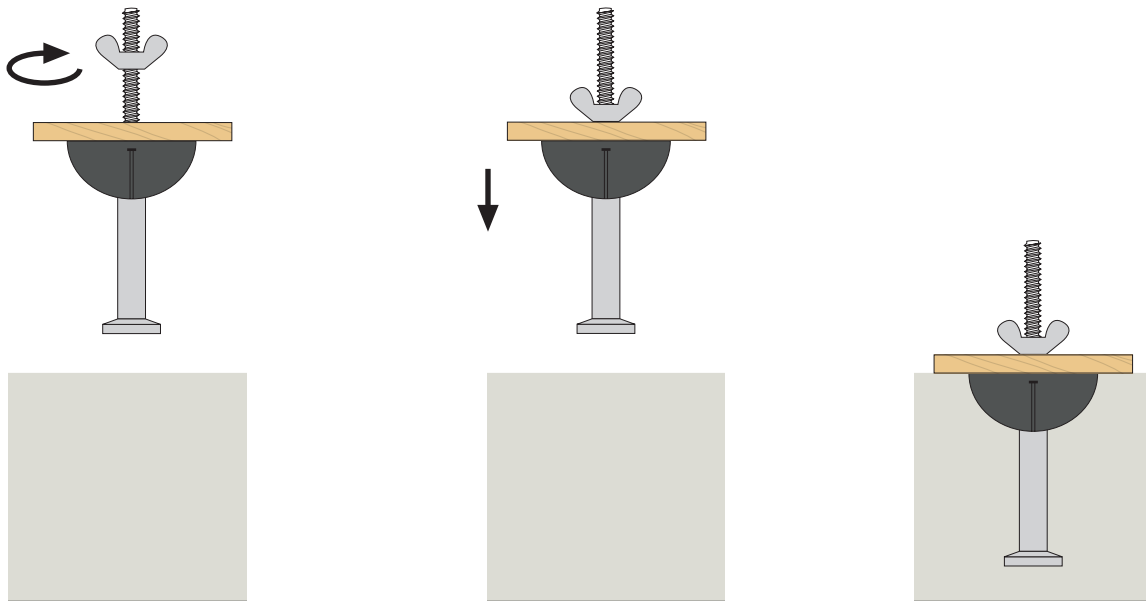
Recess Former	Fixing Bolt Thread
RRF01	M8
RRF02	M12
RRF05	M12
RRF10	M12
RRF20	M16
RRF32	M16

3. Pass the setting bolt through the formwork and fasten with wing nut.



\* Installation is shown with a Unilift CA Cone Anchor; Unilift RA Reo Anchors are installed in a similar manner.

## 1B Installation of Unilift Lifting Anchor using Unilift RRF Rubber Recess Formers in wet concrete as 'Puddle-in'



1. Fasten the wing nut onto the wooden float to fully close the void former

2. Hold the void former assembly and anchor via the setting bolt

3. Puddle in anchor until void former is flush with wet concrete



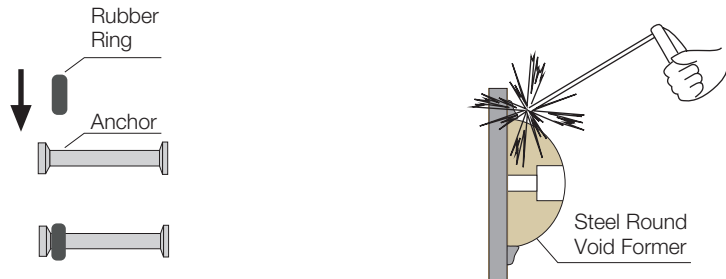
To guarantee good concrete quality around the anchor foot, the anchor should be gently vibrated as it is pushed into the concrete. Avoid aggressive movement or insufficient vibration which can cause voids in the concrete around the anchor and reduce the anchor capacity!

Anchors must be puddled in immediately after vibrating and screeding before the bleed water has gone.

## 2 Installation of Unilift Lifting Anchor using Unilift SRF Steel Recess Formers against formwork:

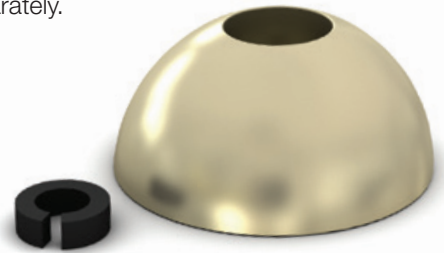
Unilift SRF Steel Recess Formers and RR Rubber Rings may be ordered separately.

Steel Recess Formers are usually welded directly to the walls of steel moulds. These formers may also be bolted to steel or timber moulds.

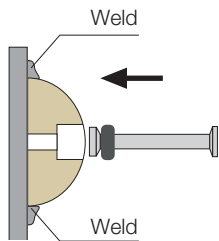


1. Secure Rubber Ring around anchor head

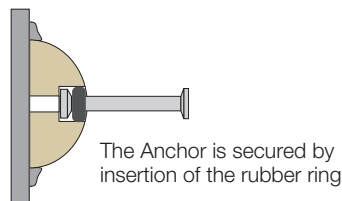
2. Weld Steel Recess Former to the steel mould.



Recess Former	Fixing Bolt Thread
SRF01	M8
SRF02	M10
SRF05	M12
SRF10	M12



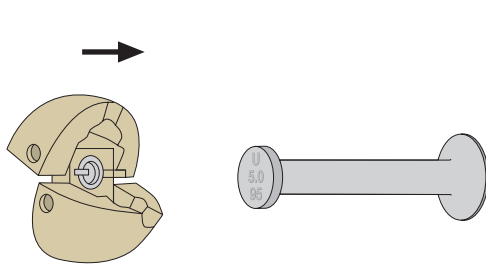
3. Insert Unilift Anchor with the attached RR Rubber Ring into the SRF Steel Recess Former



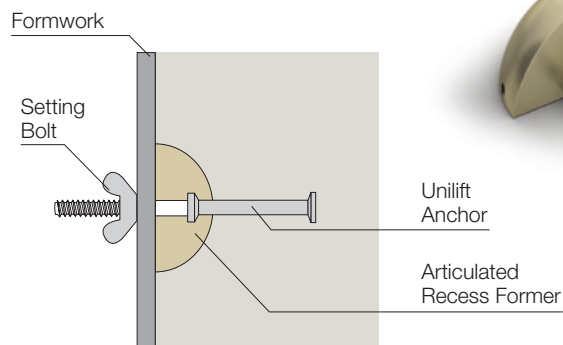
4. Unilift anchor in final position secure to the SRF Steel Recess Former

Recess Former	Fixing Bolt Thread
SRFM01	M8
SRFM02	M10
SRFM05	M12
SRFM10	M12

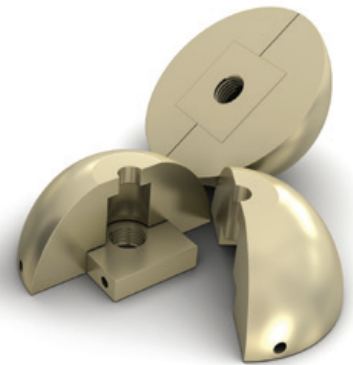
## 3 Installation of Unilift Lifting Anchor using Unilift SRF-A Articulated Recess Formers against formwork:



1. Attach articulated void former to Unilift anchor



2. Secure assembled articulated void former with Unilift cone anchor to formwork

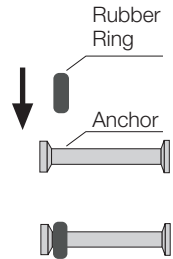


Recess Former	Fixing Bolt Thread
SRF01A	M8
SRF02A	M10
SRF05A	M10
SRF10A	M10

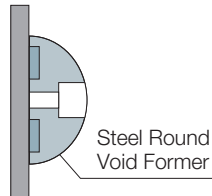
#### 4 Installation of Unilift Lifting Anchor using Unilift SRFM Magnetic Steel Recess Formers against formwork:

Unilift SRFM Magnetic Steel Recess Formers and RR Rubber Rings may be ordered separately.

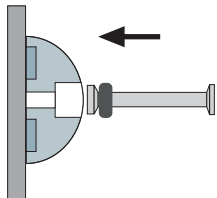
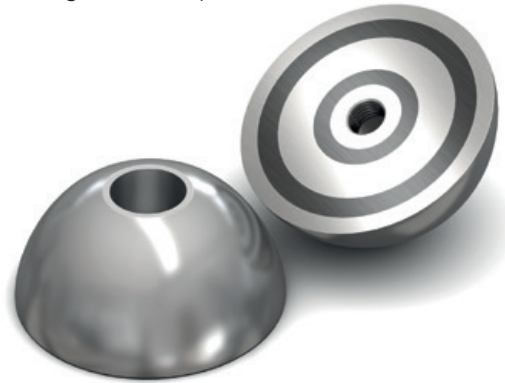
Magnetic Steel Recess Formers are usually used in metal formwork when drilling is not an option.



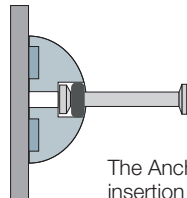
1. Secure Rubber Ring around anchor head



2. Place Magnetic Steel Recess Former against the steel mould.



3. Insert Unilift Anchor with the attached RR Rubber Ring into the SRFM Magnetic Steel Recess Former



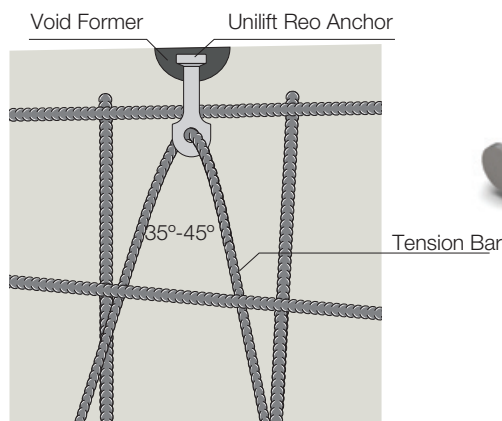
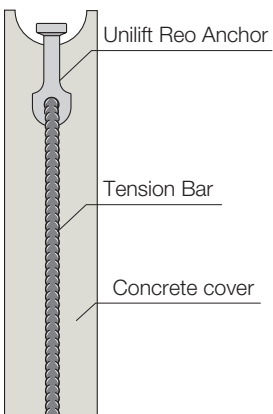
4. Unilift anchor in final position secure to the SRFM Magnetic Steel Recess Former

Recess Former	Fixing Bolt Thread
SRFM01	M8
SRFM02	M12
SRFM05	M12
SRFM10	M12



Important information for the installation of RA Reo Anchors:

Unilift RA Reo Anchors must be installed with tension bars as shown in the drawings below!



© Leviat, 2020

The Construction applications and details provided in this guide are indicative only. In every case installation should be entrusted to appropriately qualified and experienced persons. Normal handling precautions should be taken to avoid physical injury. Leviat cannot be held responsible for any injury as a result of using our products, unless such injury arises as a result of our negligence.

#### Australia

1300 304 320  
[info.ancon.au@leviat.com](mailto:info.ancon.au@leviat.com)  
[Ancon.com.au](http://Ancon.com.au)

#### New Zealand

North Island  
 09 276 2236  
[info.ancon.nz@leviat.com](mailto:info.ancon.nz@leviat.com)  
[Ancon.co.nz](http://Ancon.co.nz)

South Island  
 03 376 5205  
[info.ancon.nz@leviat.com](mailto:info.ancon.nz@leviat.com)  
[Ancon.co.nz](http://Ancon.co.nz)