

Concrete Lifting System

Swiftlift anchor are simple, safe and effective means of lifting and handling precast components from 50kg to 200 tonnes.



Lifting anchors are widely used at precast concrete that speeds up the construction progress



Free technical advice on different lifting and bracing arrangement



Remote Release Clutch System will eliminate needs to climb up at height

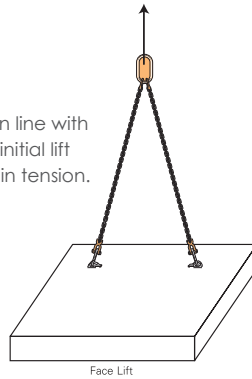
Anchors and Lifting Eyes

Types of Lift

There are two main types of lifts.

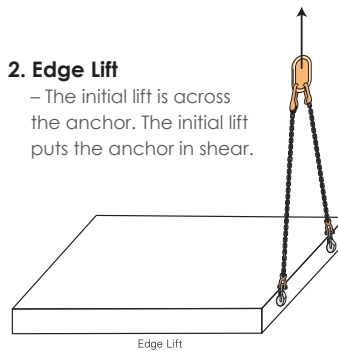
1. Face Lift

– The initial lift is in line with the anchor. The initial lift puts the anchor in tension.



2. Edge Lift

– The initial lift is across the anchor. The initial lift puts the anchor in shear.

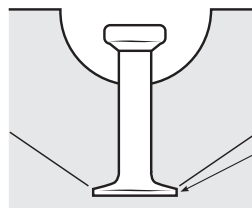


There are two categories of lifting anchor:

Facelift anchor - also named Foot Anchor

Edgelift anchor - including Eye Anchor, Thin Panel Eye Anchor & Edge Lift Anchor

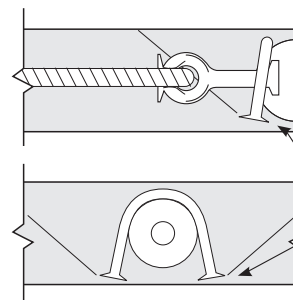
Facelift anchor



Face Anchors are cast into the face of the element with a recess former used to form the hollow into which the Clutch is placed to engage the head of the Anchor.

The foot of the Anchor holds into concrete by developing a pull out cone in the concrete. The diameter of the cone at the face of the concrete is about 6 times the depth of the Anchor.

Edgelift anchor



Edgelift Anchors are cast into the side of the element with a recess former used to form the hollow into which the Clutch is placed to engage the head of the Anchor.

The foot of the Shear Bar stops the lifter pulling out when tilting up the panel. Correct installation of the shear bar is critical for it to work.

Lifting Eyes / Clutches

There are two main types of Lifting Clutches, or Eyes, which fasten to the head of the Anchor.

