

P-52-W Swift Lift Anchor

The P-52-W Swift Lift Anchors are the shortest 2-ton and 4-ton Swift Lift Anchors available and have been specially modified. A Type W Plain Washer is placed on the anchor's foot and welded in position. This modification has been made in order to increase the Safe Working Load of these short Swift Lift Anchors in thin precast concrete elements.

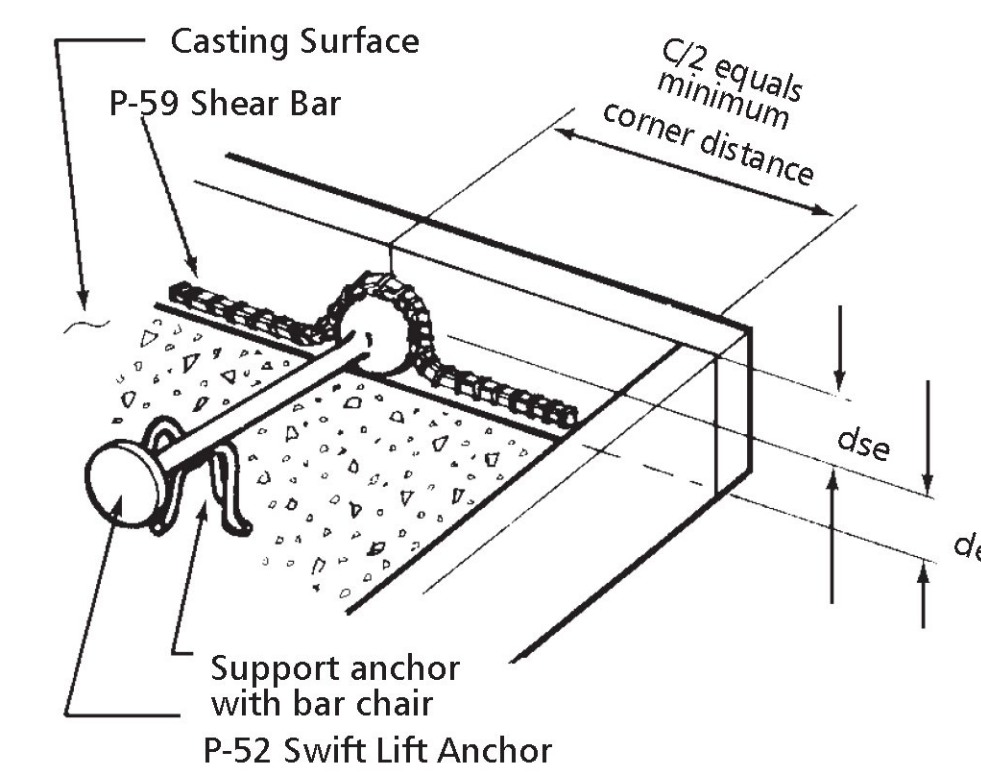
Safe Working Load provides a factor of safety of approximately 4 to 1.



To Order:
Specify: (1) quantity, (2) name, (3) system size.
Example:
200, P-52-W Swift Lift Anchors, 2 ton.

Swift Lift Anchor Tons x Length	Safe Working Load	Minimum Concrete Strength	Minimum Edge Distance	W
2 tons x 2-3/4"	3,700 lbs.	3,500 psi	8"	2-1/2"
4 tons x 3-3/4"	5,700 lbs.	3,500 psi	12"	2-3/4"

P-52 Swift Lift Anchors for Edge Lifting

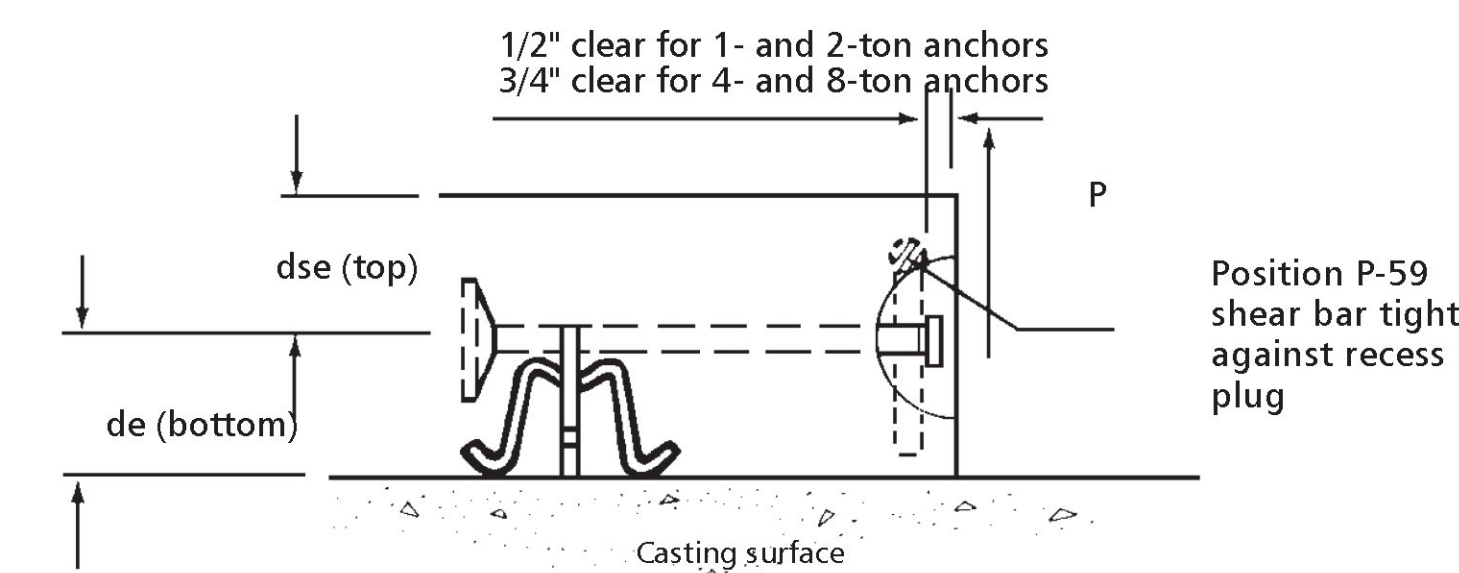


Note: See Shear Bar Chart on page 30.

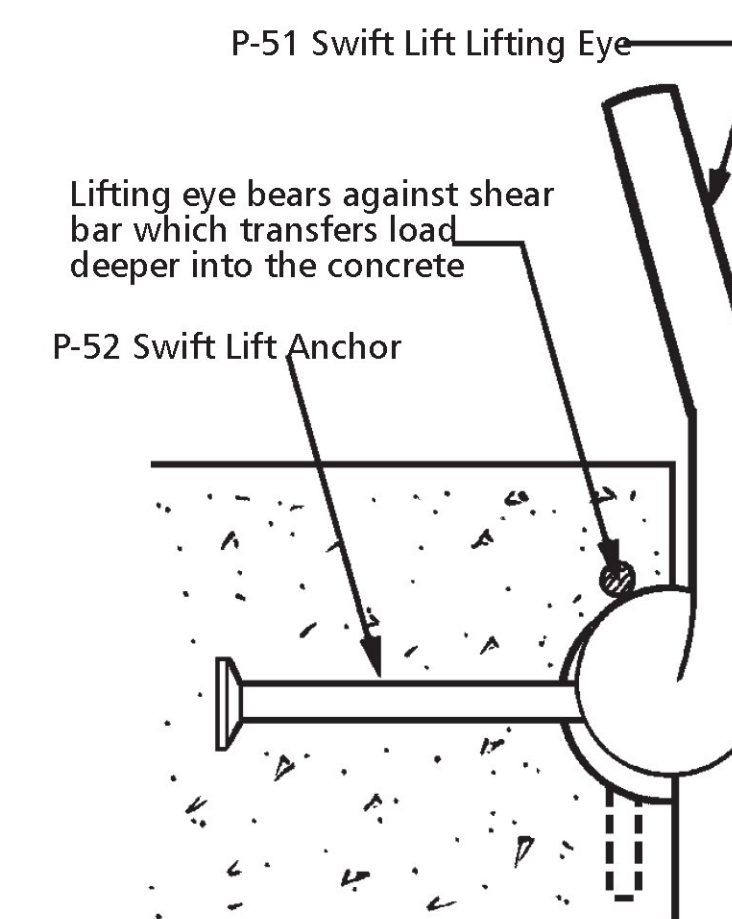
The P-52 Swift Lift Anchors and P-51 Swift Lift Lifting Eyes are useful for raising precast concrete panels from their horizontal casting position to a vertical position for handling and shipping. When Swift Lift Anchors are used in thin precast panels and under shear loading conditions, a special shear bar must be used.

The applied shear load tends to bend the anchor, allowing the lifting eye to apply load to the thin concrete section above the recess plug. A properly installed shear bar captures the applied load and transfers it deeper into the concrete.

When raising precast panels from a horizontal position to a vertical position, always check both shear and tension safe working loads. In order to develop the anchor's shear safe working load, the minimum spacing between Swift Lift Anchors is two times the corner distance listed.



Note: Properly installed shear bars are required to develop Safe Working Loads shown. $2 \times de$ equals effective wall thickness for tensile loads.



Section View of Swift Lift Assembly

