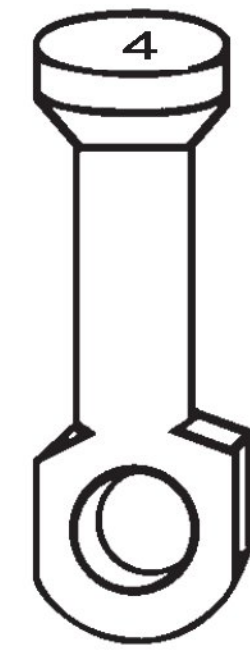


P-53 Swift Lift Eye Anchor

The Dayton Superior Swift Lift Eye Anchor (P-53) is similar to the P-52 anchor but has an eye at the foot to accept P-60 Tension Bars. The P-53 anchor is used primarily in thin sections, thin panels of lightweight concrete or shapes that must be handled at concrete compressive strengths below 2,000 psi. P-53 anchors are available in 1, 2, 4, 8 and 20-ton capacities and each has its load rating embossed on the head.



P-53 Swift Lift Eye Anchor

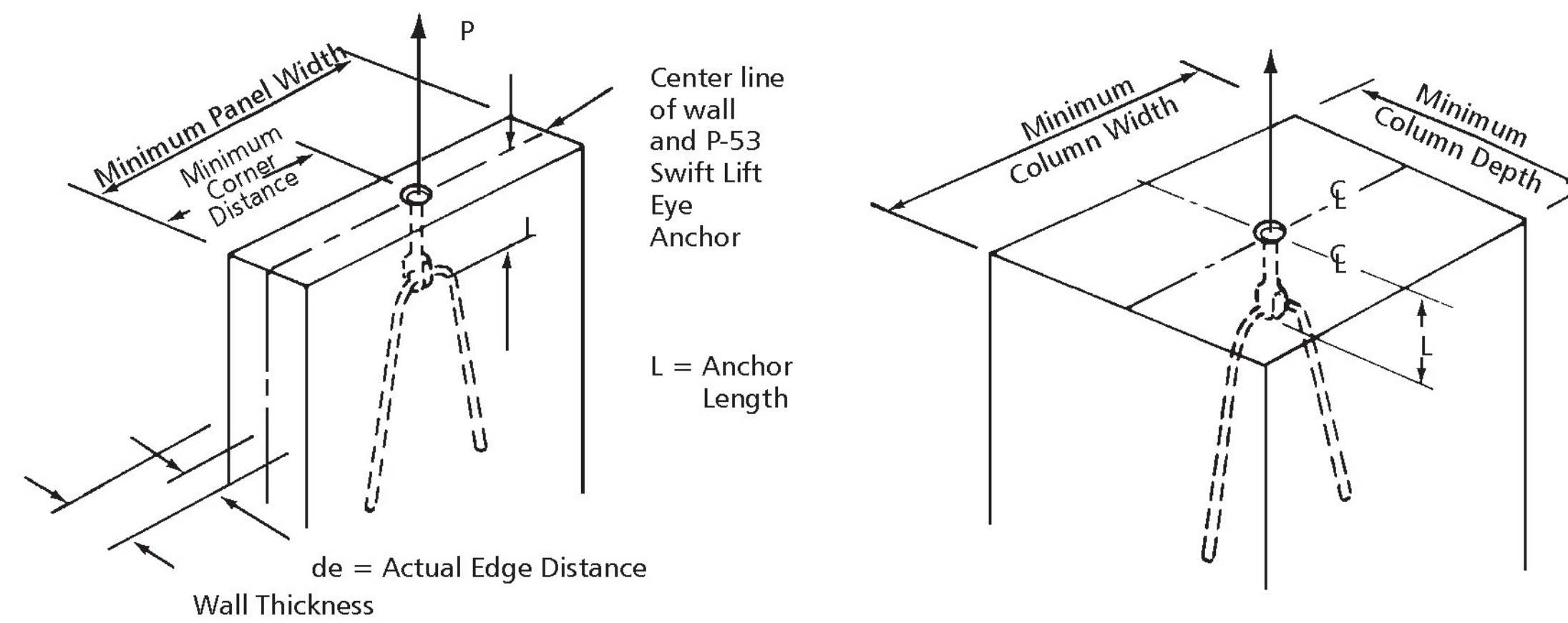
To Order:
Specify: (1) quantity, (2) name, (3) system size, (4) length.

Example:
200, P-53 Swift Lift Eye Anchors, 4 ton, 9-1/2" long.

P-53 Swift Lift Eye Anchor for Lifting and Handling

The P-53 Swift Lift Eye Anchor is designed for use with the P-60 Tension Bar placed through the eye of the anchor. This combination of Swift Lift Eye Anchor and P-60 Tension Bar allows the anchor's full rated tensile load to be developed in thin, narrow wall applications. The anchor should be located at the center line of the wall. **When two or more anchors are required, the minimum spacing between anchors must be equal to the minimum panel width.**

The combination of P-53 Swift Lift Eye Anchor and P-60 Tension Bar is an excellent system to use for lifting, handling and setting precast columns.



P-53 Swift Lift Eye Anchor Selection Chart

Anchor Rated Load (Tons)	Anchor Length L	Minimum Thickness or Depth 2 de	Actual Edge Distance de	Minimum Corner Distance	Minimum Panel Width	Tensile Safe Working Load per Anchor*
1	2-1/2"	3"	1-1/2"	8"	16"	2,000 lbs.
2	3-1/2"	3"	1-1/2"	4"	8"	4,000 lbs.
4	4-3/4"	3-3/4"	1-7/8"	5"	10"	8,000 lbs.
8	7-1/16"	4-3/4"	2-3/8"	7"	14"	16,000 lbs.
20	9-7/8"	6-3/8"	6-3/4"	8-1/2"	17"	40,000 lbs.

*Safe Working Load provides a factor of safety of approximately 4 to 1 in 2,000 psi normal weight concrete. The P-53 Eye Anchor must be used in conjunction with the P-60 Tension Bar in order to develop its published rated working loads.

Note: Contact Dayton Superior Technical Service Department for safe working loads when the P-53 Eye Anchor is used with straight lengths of rebar.

Vermont Agency of Transportation
RECEIVED

CK'D BY NVDB, JW, KM, TM OK'D BY JG
March 21, 2017

RESUBMIT No Approved
BY K. Higgins DATE 03/23/17