

TECHNICAL DATA SHEET

DESCRIPTION

Fleet-Lift Two-Hole Erection Anchors combine the strength, spall resistance and high-tension performance of the P92 Erection Anchor.

APPLICATION

Fleet -Lift P92HP Anchors are designed for horizontal to vertical edge lifts and handling of precast concrete elements.  
The P92H Two-Hole Erection Anchor was designed for use where the lift direction applies a tension load ONLY to the anchor unless used with the shear bar.



FEATURES

- The P92H and P92HP Erection Anchors are available in 2, 4, 6 or 8-ton capacities.
- Both available in either plain or hot-dipped galvanized finish.
- A properly installed P98T Tension Bar is always required when using these erection anchors.
- Shear loading for P92HP anchor is resisted by the anchor's integral shear plate

BENEFITS

- Two steel protrusions or “ears” on the head of the anchors provide protection against concrete spalling

TECHNICAL DATA

Ton x Length	A	B	C	D	E	F	Precast Concrete Panel Thickness	P92HP w/ Shear Plate SWL (lbs)	P92H or P92HP w/ Tension Bar Tension SWL (lbs)
2-ton x 4-1/4" long	2"	4-1/4"	3/8"	2-1/2"	3"	1/4"	3-1/2" Min	1,325	4,000
							4"	1,525	
							5"	1,525	
							6"	1,750	
							7"	1,900	
							8"	2,075	
							4" Min	1,650	
2-ton x 8-1/4" long	2"	8-1/4"	3/8"	2-1/2"	3"	1/4"	5"	1,875	
							6"	2,125	
							7"	2,400	
							8"	2,700	
							9"	2,925	
							10"	3,275	
							11"	3,975	
4-ton x 7-7/8" long	2-1/2"	7-7/8"	5/8"	2-1/2"	3"	3/8"	12"	3,975	8,000
							5-1/2" Min	2,025	
							6"	2,250	
							7"	2,600	
							8"	3,000	
							9"	3,375	
							10"	3,750	
4-ton x 10-7/8" long	2-1/2"	10-7/8"	5/8"	2-1/2"	3"	3/8"	4" Min	2,150	
							5"	2,625	
							6"	3,100	
							7"	3,525	
							8"	3,925	
							9"	4,275	
							10"	4,600	
8-ton x 13-1/4" long	3-3/4"	13-1/4"	3/4"	3"	3-1/2"	3/8"	11"	4,900	16,000
							12"	5,150	
							6" Min	4,000	
							7"	4,250	
							8"	4,475	
							9"	4,725	
							10"	4,950	
							11"	5,200	
							12"	5,450	

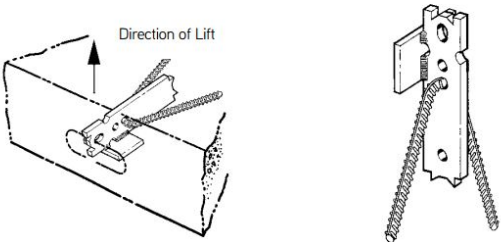
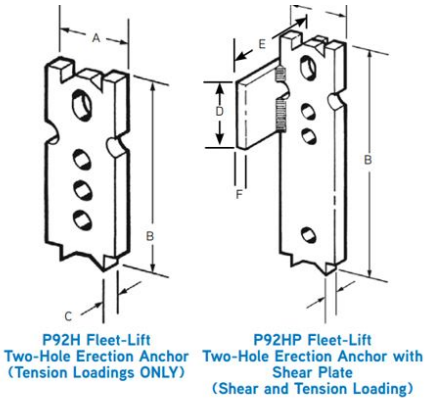
Anchor dimensions not shown are the same as the P92 Erection Anchor of the same load range.  
Notes: 1. SWL provides an ~ factor of safety of 4 to 1 in 3,500 psi normal weight concrete.  
2. Dayton Superior recommends the use of the P92HP Fleet-Lift Anchor when shear loads will be encountered.

INSTALLATION

1. Shear Reinforcement  
Stress is caused during the edge lifting of a precast concrete panel, making supplemental reinforcement around the anchor necessary in thin panels. The Fleet-Lift P92HP Erection Anchor with integral Shear Plate is designed expressly for this purpose. Install the anchor so that the shear plate is opposite the direction of lift.

Tension Reinforcement  
These anchors must be properly reinforced using the P98T Tension Bar. The tension bar should be placed through the lower hole.

INSTALLATION



Typical P92HP Fleet-Lift Two-Hole Erection Anchor with Shear Plate Application  
Typical P92HP Fleet-Lift Two-Hole Erection Anchor with Shear Plate/Tension Bar Application

RELATED PRODUCTS

- P98T Fleet-Lift Tension Bar
- P98S Shear Bar
- P99 Recess Plug
- P91S Ring Clutch

ORDERING INFORMATION

FLEET LIFT™ TWO-HOLE ERECTION ANCHOR		
Product Code	Description	Weight
FL403	P92H 2 TON 4.38" PLAIN	0.70 LB

**TECHNICAL DATA SHEET****FLEET LIFT™ TWO-HOLE ERECTION ANCHOR - WITH SHEAR****PLATE**

Product Code	Description	Weight
FL403LG	P92HP 2 TON 8.38" HOT DIPPED GALV. - MADE TO ORDER ITEM - CALL FOR AVAILABILITY	2.19 LB
FL175LG	P92HP 4 TON 10.88" HOT DIPPED GALV.	5.05 LB
FL285LG	P92HP 8 TON 13.25" HOT DIPPED GALV.	10.29 LB

**FLEET LIFT™ TWO-HOLE ERECTION ANCHOR - W/ SHEAR****PLATE - MADE IN USA**

Product Code	Description	Weight
144989	P92HPUSA 2 TON 8.38" PLAIN MADE IN USA	2.08 LB
144990	P92HPUSA 2 TON 8.38" HOT DIPPED GALV. MADE IN USA	2.19 LB

**MANUFACTURER**

Dayton Superior Corporation  
1125 Byers Road  
Miamisburg, OH 45342  
Customer Service: 888-977-9600  
Technical Services: 877-266-7732  
Website: [www.daytonsuperior.com](http://www.daytonsuperior.com)

**WARRANTY (ACCESSORIES)**

Limited Warranty. Dayton warrants, for a period of 60 days from the date of shipment (three years from the date of shipment in the case of formwork, excluding any consumable Products included with such formwork), that Products and any associated application drawings and engineering services provided by Dayton ("Ancillary Services") will be free from defects in material and workmanship and, in the case of custom designed formwork, that the formwork will meet the specifications set forth in the design drawings approved by Dayton and Customer. Any claim under this warranty must be made in writing within such warranty period. If any Product and/or Ancillary Service covered by a timely claim are found to be defective, Dayton will, within a reasonable time, make any necessary repairs or corrections or, at Dayton's option, replace the Product. Unless pre-authorized by Dayton in writing, Dayton will not accept any charges for correcting defects or accept the return of any Product. This warranty will not apply to any Products that have been subjected to misuse, neglect, storage damage, misapplication, accident or any other damage caused by any person other than Dayton, or that have not been maintained in accordance with Dayton's specifications. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES AS TO THE PRODUCTS AND ANCILLARY SERVICES. DAYTON MAKES NO OTHER WARRANTIES OR GUARANTEES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE. THE REMEDIES SET FORTH IN THIS SECTION ARE CUSTOMER'S EXCLUSIVE REMEDY FOR BREACH OF WARRANTY.