

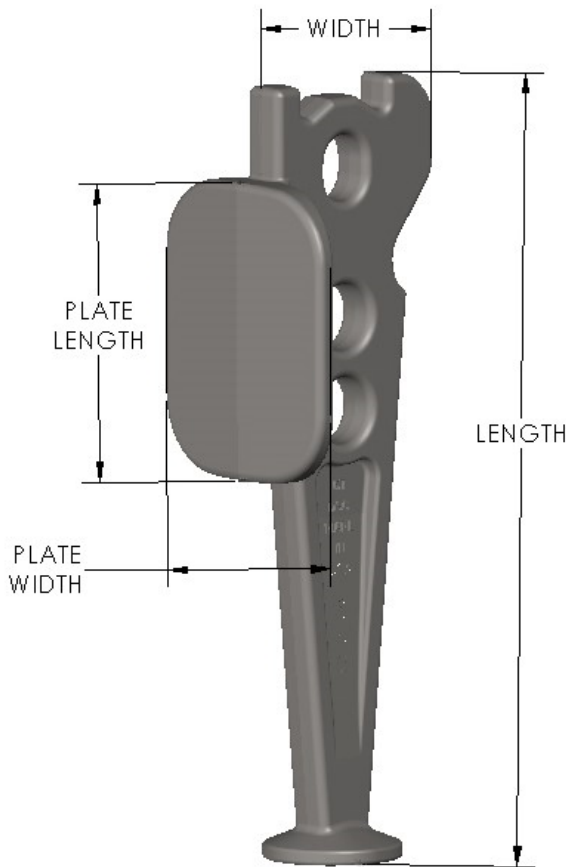
## TECHNICAL DATA SHEET

### DESCRIPTION

The Dayton Superior P92FEW Forged Erection Anchor is specifically designed to provide greater lifting capacities from horizontal to vertical edge lifts. The head of the anchor is designed with two protrusions or "ears" on the head of the anchor which provide protection against concrete spalling. These protrusions restrict the ring clutch rotation during lateral pulls. As a result, lateral forces are transmitted directly to the edge of the anchor instead of the concrete.

### APPLICATION

The Dayton Superior P92FEW Fleet-Lift Forged Anchors are used for precast and tilt-up panel erection.



### FEATURES

- Forged design creates up to 50% higher load capacity than stamped anchors which can reduce the number of anchors required.
- Forged anchors do not depend on welding or thread engagement to develop its safe working loads.

- The forged shear plate eliminates the need for a shear bar.
- Available in plain or hot dip galvanized finishes.
- Forged material have superior weathering and rain water corrosion resistance when compared to stamped anchors.
- Based on Charpy Impact Test, forged anchors have twice low temperature ductility over stamped anchors.

### TECHNICAL DATA

Anchor	Length	Width	Plate Length	Plate Width	Slab Thickness (inches)	Minimum Corner Distance	Shear Safe Working Load with Shear Plate (lbs.)	Tension Safe Working Load Anchor Only (lbs.)	Tension Safe Working Load with Tension Bar (lbs.)								
3 Ton x 8.00"	8.00"	2.32"	3.50"	2.50"	4	12"	1,800	6,000	6,000								
					5		2,300										
					6		2,800										
					7		3,400										
					8		4,000										
					9		4,400										
					10		4,800										
					11		5,200										
					12		5,700										
					6 Ton x 10.44"		10.45"			2.88"	4.00"	3.08"	5-1/2	16"	3,100	12,000	12,000
6	3,250																
7	3,700																
8	4,040																
9	4,600																
10	5,000																
11	5,500																
12	6,100																
12 Ton x 12.56"	12.60"	4.76"	4.00"	3.20"		7-1/2		19"	4,600				23,450		23,450		
						8			4,800								
					9	5,450											
					10	6,100											
					11	6,800											
					12	7,600											

1. Safe Working Load provides a factor of safety of approximately 4 to 1 in 3,500 psi normal weight concrete.  
 2. Anchors were tested in concrete with minimum reinforcing per ACI 318.

### INSTALLATION

1. The P92FEW Anchor is set in the form with a P99 Recess Plug.

### RELATED PRODUCTS

- P92FE Forged Erection Anchor
- P98T Tension Bars
- P91S Lifting Hardware
- P99 Reusable Recess Plug
- P99D Disposable Recess Plug
- P99P Patch Cap

### ORDERING INFORMATION

#### FLEET LIFT™ FORGED ERECTION ANCHOR - W/ SHEAR

#### PLATE - MADE IN USA

Product Code	Description	Weight
143764	6 TON 10.44" PLAIN	4.650 LB
143762	6 TON 10.44" HDGALV	4.650 LB
102122	12 TON 12.56" PLAIN	8.500 LB
102123	12 TON 12.56" HDGALV	8.500 LB

**TECHNICAL DATA SHEET****FLEET LIFT™ FORGED ERECTION ANCHOR - W/ SHEAR****PLATE**

Product Code	Description	Weight
129473	3 TON 8.00" PLAIN	2.000 LB
143424	6 TON 10.44" PLAIN	4.600 LB
100148	12 TON 12.56" PLAIN	8.300 LB
139577	3 TON 8.00" HDGALV	2.000 LB
143425	6 TON 10.44" HDGALV	5.300 LB
100149	12 TON 12.56" HDGALV	8.300 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.