

TECHNICAL DATA SHEET

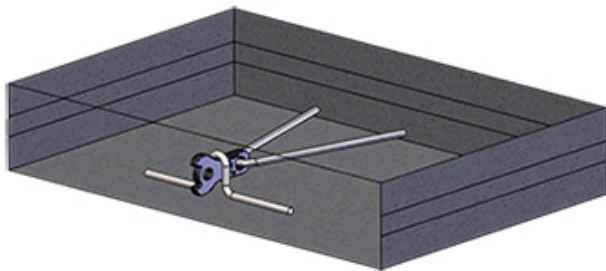
DESCRIPTION

The P92FEH Forged Erection Anchor is specifically designed to provide greater lifting capacities as related to stamped anchors. The anchors are forged to provide 30% greater safe working loads. The P92FEH uses a tension bar to achieve the required loads.

Due to the anchor being forged, it does not depend on welds or thread engagement to develop its safe working load. Forging provides an advantageous material structure that allows increased strength. This allows the anchor to easily meet the OSHA requirement of 4 to 1 factor of safety.

APPLICATION

The P92FEH Forged Erection Anchor is designed specifically for applications where a high-performance anchor is required for tension loads ONLY. A properly installed P98T tension bar is always required when using this anchor. For shear applications the P98S Shear Bar is designed to fit over the top edge of the anchor. The design of the shear bar allows it to fit over the top edge of the anchor. It is placed in the top notch and secured so that it bears tightly against the bottom of the notch. Accurate placement of the shear bar provides for spall-free edge lifting.



FEATURES

- The P92FEH has two steel protrusions or "ears" at the head of the anchor which provides protection against concrete spalling. These "ears" 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.
- The P92FEH Forged Erection Anchor utilizes the Fleet P91S or Fleet P91NC lifting hardware and the P99 Recess Plugs, as well as P98T Tension Bar and P98S Shear Bar.
- The P92FEH Forged Erection Anchors are available in plain or hot dipped galvanized (special order) finishes.

TECHNICAL DATA

Anchor Tonnage	Wall Thickness	Minimum Edge Distance	Minimum Corner Distance	Shear Safe Working Load with Shear Bar (lbs)	Tension Safe Working Load with Tension Bar (lbs)
3 Ton	4"	2"	12"	1,650	6,000
	5"	2-1/2"	12"	1,875	6,000
	6"	3"	12"	2,125	6,000
	7"	3-1/2"	12"	2,400	6,000
	8"	4"	12"	2,700	6,000
	9"	4-1/2"	12"	2,925	6,000
	10"	5"	12"	3,275	6,000
	11"	5-1/2"	12"	3,575	6,000
6 Ton	12"	6"	12"	4,000	6,000
	5-1/2"	2-3/4"	16"	2,400	12,000
	6"	3"	16"	3,075	12,000
	7"	3-1/2"	16"	3,250	12,000
	8"	4"	16"	3,425	12,000
	9"	4-1/2"	16"	3,825	12,000
	10"	5"	16"	4,250	12,000
	11"	5-1/2"	16"	4,650	12,000
10 Ton	12"	6"	16"	5,050	12,000
	7-1/2"	3-3/4"	19"	4,000	20,000
	8"	4"	19"	4,200	20,000
	9"	4-1/2"	19"	4,550	20,000
	10"	5"	19"	4,590	20,000
	11"	5-1/2"	19"	5,050	20,000
	12"	6"	19"	5,175	20,000

Safe working load provides a factor of safety approximately 4 to 1 in 3,500 psi normal weight concrete

INSTALLATION

1. The P92FEH Anchor is set in the form with a P99 Recess Plug and tension bar.

RELATED PRODUCTS

- P99 Recess Plug
- P98S Shear Bar
- P98T Tension Bar
- P91S Ring Clutch
- P100 Holding Plate
- P101 Holding Rod
- P104 Magnetic Recess

HOW TO ORDER

Specify: (1) Quantity, (2) Name, (3) Product Code, (4) Finish

TECHNICAL DATA SHEET**MANUFACTURER**

Dayton Superior Corporation
1125 Byers Road
Miamisburg, OH 45342
Customer Service: 888-977-9600
Technical Services: 877-266-7732
Website: 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.