

TECHNICAL DATA SHEET

DESCRIPTION

The Fleet P92FE Forged Erection Anchors are designed with safe working loads of 5 tonne, 10 tonne, and 19 tonne. The anchor is designed with an erection head, square shaft and round 'SL style' foot. There is one length for each tonnage available. The P92FE anchor has a notch in each side to accommodate a shear bar for shear conditions. In each anchor, there are two holes which a tension bar or rebar can be utilized for greater load capacities. The P92FE anchors are stocked in a galvanized finish.

APPLICATION

The Dayton Superior P92FE Fleet-Lift Forged Anchors are used for precast and tilt-up panel erection.



FEATURES

- Forged design creates 50% higher load capacity than stamped anchors, can result in less anchors required
- Erection Head Design for use in edge lifting of panel, no spalling of concrete
- Anchor is same thickness and width as stamped anchors, uses std P99 Recess parts
- Loads match existing P91 hardware, no new hardware required
- One length per insert tonnage, less inventory required
- Plain or Galvanized finishes available, meets non-rusting needs

TECHNICAL DATA

Ton x Length	Slab Thickness (mm)	Insert Height (mm)	Min. Edge Distance (mm)	Min. Corner Distance (mm)	Shear WLL w/ Shear Bar (kg)	Tension WLL Anchor Only (kg)	Tension WLL w/ Tension Bar (kg)
5-tonne x 200mm (3-ton x 203mm)	100 Min.	203	50	305	1,121	2,016	4,838
	125		65		1,355	2,524	
	150		75		1,597	3,032	
	175		90		1,855	3,532	
	200		100		2,121	4,040	
	225		115		2,403	4,548	
	250		130		2,693	4,838	
	275		140		3,000	4,838	
	300		150		3,314	4,838	
10-tonne x 265 (6-ton x 264mm)	140 Min.	264	70	405	2,290	3,806	9,677
	150		75		2,443	4,152	
	175		90		2,766	4,846	
	200		100		3,097	5,540	
	225		115		3,443	6,233	
	250		130		3,798	6,927	
	275		140		4,040	7,620	
300	150	4,467	8,314				
19-tonne x 320 (12-ton x 324mm)	190 Min.	324	95	485	3,371	6,387	19,353
	200		100		3,564	6,806	
	225		115		3,967	7,661	
	250		125		4,379	8,515	
	275		140		4,798	9,362	
	300		150		5,233	10,217	

Notes: WLL are based on 2.25 to 1 Factor of Safety in 24 Mpa normal weight concrete.

RELATED PRODUCTS

- P92FEW Fleet Lift Forged Erection Anchor w/ Shear Plate
- P98T Tension Bars
- P91S Lifting Hardware
- P99 Reusable Recess Plug
- P99D Disposable Recess Plug
- P99P Patch Cap

ORDERING INFORMATION

FLEET LIFT™ FORGED ERECTION ANCHOR

Product Code	Description	Weight
127518	3 TON 8.00" HOT DIPPED GALV.	0.73 kg
143421	6 TON 10.44" HOT DIPPED GALV.	1.27 kg
100668	12 TON 12.56" PLAIN	2.71 kg
100669	12 TON 12.56" HOT DIPPED GALV.	2.72 kg

TECHNICAL DATA SHEET**MANUFACTURER**

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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.