

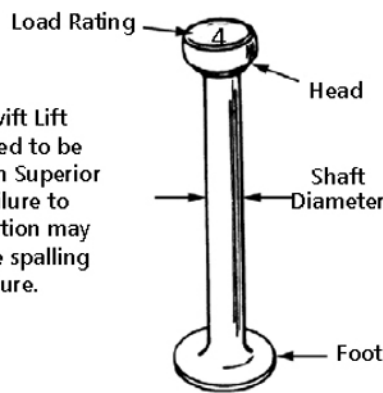
TECHNICAL DATA SHEET

DESCRIPTION

The P52 Swift Lift Anchor is hot forged from carbon steel. The formed head provides spherical seating that the Lifting Eye engages, while a disc-shaped foot is embedded in the concrete.

Due to its being a forged part, the Swift Lift Anchor does not depend on welds or thread engagement to develop its safe working load. Forging provides maximum safety with its advantageous material structure.

Caution: The Swift Lift Anchor is designed to be used with Dayton Superior components. Failure to use this combination may result in concrete spalling or premature failure.



FEATURES

- In addition to the carbon steel anchors, Type 304 or 316 Stainless Steel Swift Lift Anchors are available on special order. Use stainless steel anchors when maximum protection against corrosion is required.
- The MAXIMUM safe working load is clearly visible on the head of the anchor for easy recognition of the appropriate hardware and accessories for use with each Swift Lift Anchor.

TECHNICAL DATA

Capacity x Length	SWL at Concrete Strength		Minimum Edge Distance
	1600 psi	3500 psi	
1 ton x 2-5/8 in	1149 lbs	1700 lbs	8 in
1 ton x 3-3/8 in	1705 lbs	2000 lbs	10 in
1 ton x 4-3/4 in	2000 lbs	2000 lbs	10 in
1 ton x 8 in	2000 lbs	2000 lbs	10 in
1 ton x 9-1/2 in	2000 lbs	2000 lbs	10 in
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2 ton x 2-3/4 in	1420 lbs	2100 lbs	8 in
2 ton x 3-3/8 in	1960 lbs	2900 lbs	10 in
2 ton x 4-3/4 in	2704 lbs	4000 lbs	10 in
2 ton x 5-1/2 in	4000 lbs	4000 lbs	13 in
2 ton x 6 in	4000 lbs	4000 lbs	13 in
2 ton x 6-3/4 in	4000 lbs	4000 lbs	13 in
2 ton x 11 in	4000 lbs	4000 lbs	14 in
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4 ton x 3-3/4 in	2704 lbs	4000 lbs	12 in
4 ton x 4-1/4 in	3313 lbs	4900 lbs	13 in
4 ton x 4-3/4 in	3921 lbs	5800 lbs	14 in
4 ton x 5-1/2 in	5003 lbs	7400 lbs	17 in
4 ton x 5-3/4 in	5341 lbs	7900 lbs	17 in
4 ton x 7-1/8 in	7591 lbs	8000 lbs	20 in
4 ton x 9-1/2 in	8000 lbs	8000 lbs	17 in
4 ton x 14 in	8000 lbs	8000 lbs	18 in
4 ton x 19 in	8000 lbs	8000 lbs	20 in
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8 ton x 4-3/4 in	4327 lbs	6400 lbs	16 in
8 ton x 5-1/4 in	4631 lbs	6850 lbs	16 in
8 ton x 6-3/4 in	5747 lbs	8500 lbs	21 in
8 ton x 10 in	9207 lbs	13618 lbs	24 in
8 ton x 13-3/8 in	14313 lbs	16000 lbs	24 in
8 ton x 26-3/4 in	16000 lbs	16000 lbs	27 in
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20 ton x 10 in	16905 lbs	25000 lbs	24 in
20 ton x 19-3/4 in	27044 lbs	40000 lbs	31 in

SWL's Provide a factor of safety of approximately 4 to 1 in normal weight concrete. Safe Working Load is based on anchor setback from face of concrete "X" dimension.

INSTALLATION

1. Determination of the required rated load and length of a P52 Swift Lift Anchor is based on the actual maximum load that is transferred to the anchor. In most cases, a flat slab can be handled with the anchors properly located in the face of the flat slab. The anchors should normally be the maximum length that can be accommodated in the slab's structural thickness, allowing at least 1/2" clearance between the anchor and the casting bed. Dimension tables and safe working load charts, contained herein, will aid in the selection of the proper anchor. Keep in mind that the safe working load of an anchor is a function of several factors.
2. The effective concrete thickness
3. Actual edge distance
4. Concrete compressive strength at time of lift
5. Anchor lift
6. In some applications, the use of a shear bar

RELATED PRODUCTS

- P56 and P56PL Recess Plug
- P50 or P51 Lifting Hardware
- P54 Throw-Away Plug

TECHNICAL DATA SHEET

ORDERING INFORMATION

SWIFT LIFT® ANCHORS - PLAIN

Product Code	Description	Weight
60590	1 TON SWL 3/8" X 2-5/8"	0.15 LB
60593	1 TON SWL 3/8" X 3-3/8"	0.20 LB
60596	1 TON SWL 3/8" X 4-3/4"	0.21 LB
60599	1 TON SWL 3/8" X 8"	0.42 LB
60602	1 TON SWL 3/8" X 9-1/2"	0.36 LB
60605	2 TON SWL 9/16" X 2-3/4"	0.31 LB
60608	2 TON SWL 9/16" X 3-3/8"	0.35 LB
60611	2 TON SWL 9/16" X 5-1/2"	0.50 LB
60614	2 TON SWL 9/16" X 6"	0.52 LB
60617	2 TON SWL 9/16" X 6-3/4"	0.58 LB
60620	2 TON SWL 9/16" X 11"	0.84 LB
60623	4 TON SWL 3/4" X 3-3/4"	0.80 LB
60626	4 TON SWL 3/4" X 4-1/4"	0.92 LB
60629	4 TON SWL 3/4" X 4-3/4"	0.92 LB
60632	4 TON SWL 3/4" X 5-1/2"	1.01 LB
60633	4 TON SWL 3/4" X 5-3/4"	1.01 LB
60635	4 TON SWL 3/4" X 7-1/8"	1.21 LB
60638	4 TON SWL 3/4" X 9-1/2"	1.50 LB
60641	4 TON SWL 3/4" X 14"	2.19 LB
60644	4 TON SWL 3/4" X 19"	2.66 LB
60645	8 TON SWL 1-3/32" X 6-3/4"	2.08 LB
121988	8 TON SWL 1-3/32" X 5-1/4"	2.18 LB
60647	8 TON SWL 1-3/32" X 6-3/4"	2.59 LB
60648	8 TON SWL 1-3/32" X 10"	3.36 LB
60650	8 TON SWL 1-3/32" X 13-3/8"	4.47 LB
60652	8 TON SWL 1-3/32" X 26-3/4"	8.00 LB
60653	20 TON SWL 1-1/2" X 10"	7.60 LB
60657	20 TON SWL 1-1/2" X 19-3/4"	11.89 LB

SWIFT LIFT® SL ANCHORS - PLAIN - MADE IN USA

Product Code	Description	Weight
146321	1 TON SWL 3/8" X 3-3/4"	0.19 LB
146323	1 TON SWL 3/8" X 4-3/4"	0.21 LB
146325	1 TON SWL 3/8" X 8"	0.42 LB
146327	1 TON SWL 3/8" X 9.5"	0.36 LB
129112	2 TON SWL 9/16" X 3-3/4"	0.42 LB
146333	2 TON SWL 9/16" X 4-3/4"	0.45 LB
129113	2 TON SWL 9/16" X 5-1/2"	0.52 LB
129114	2 TON SWL 9/16" X 6"	0.55 LB
129115	2 TON SWL 9/16" X 6-3/4"	0.61 LB
129116	2 TON SWL 9/16" X 11"	0.96 LB
128835	4 TON SWL 3/4" X 3-3/4"	0.78 LB
128836	4 TON SWL 3/4" X 4-1/4"	0.84 LB
129117	4 TON SWL 3/4" X 4-3/4"	0.96 LB
129118	4 TON SWL 3/4" X 5-1/2"	1.01 LB
129119	4 TON SWL 3/4" X 7-1/8"	1.28 LB
129120	4 TON SWL 3/4" X 9-1/2"	1.57 LB
129121	4 TON SWL 3/4" X 14"	2.12 LB
129122	4 TON SWL 3/4" X 19"	2.75 LB
129123	8 TON SWL 1-3/32" X 4-3/4"	2.10 LB
129124	8 TON SWL 1-3/32" X 5-1/4"	2.38 LB
129125	8 TON SWL 1-3/32" X 6-3/4"	2.75 LB
146337	8 TON SWL 1-3/32" X 4-3/4"	2.78 LB
129126	8 TON SWL 1-3/32" X 10"	3.95 LB
129127	8 TON SWL 1-3/32" X 13-3/8"	4.61 LB
129128	8 TON SWL 1-3/32" X 26-3/4"	8.83 LB
129129	20 TON SWL 1-1/2" X 10"	7.01 LB
129130	20 TON SWL 1-1/2" X 19-3/4"	13.06 LB

SWIFT LIFT® ANCHORS - HOT-DIPPED GALV.

Product Code	Description	Weight
123775	1 TON SWL 3/8" X 2-5/8"	0.14 LB
126872	1 TON SWL 3/8" X 3-3/8"	0.19 LB
126871	1 TON SWL 3/8" X 4-3/4"	0.23 LB
60663	2 TON SWL 9/16" X 3-3/8"	0.35 LB
60666	2 TON SWL 9/16" X 5-1/2"	0.50 LB
126867	2 TON SWL 9/16" X 6"	0.55 LB
126866	2 TON SWL 9/16" X 6-3/4"	0.59 LB
60669	2 TON SWL 9/16" X 11"	0.85 LB
60670	4 TON SWL 3/4" X 3-3/4"	0.83 LB
60671	4 TON SWL 3/4" X 4-1/4"	0.88 LB
60673	4 TON SWL 3/4" X 4-3/4"	0.99 LB
60668	4 TON SWL 3/4" X 5-1/2"	1.02 LB
60676	4 TON SWL 3/4" X 7-1/8"	1.27 LB
60675	4 TON SWL 3/4" X 9-1/2"	1.57 LB
126863	8 TON SWL 1-3/32" X 4-3/4"	2.10 LB
60677	8 TON SWL 1-3/32" X 6-3/4"	2.69 LB
124506	8 TON SWL 1-3/32" X 10"	3.50 LB
60679	8 TON SWL 1-3/32" X 13-3/8"	4.33 LB
126801	8 TON SWL 1-3/32" X 26-3/4"	8.83 LB
124586	20 TON SWL 1-1/2" X 10"	7.10 LB
126868	20 TON SWL 1-1/2" X 19-3/4"	13.06 LB

TECHNICAL DATA SHEET

SWIFT LIFT® SL ANCHORS - HOT-DIPPED GALV. - MADE IN

USA

Product Code	Description	Weight
146322	1 TON SWL 3/8" X 3-3/8"	0.19 LB
146324	1 TON SWL 3/8" X 3-3/8"	0.22 LB
146326	1 TON SWL 3/8" X 8"	0.42 LB
146328	1 TON SWL 3/8" X 9.5"	0.37 LB
129131	2 TON SWL 9/16" X 3-3/4"	0.40 LB
146334	2 TON SWL 9/16" X 4-3/4"	0.45 LB
129132	2 TON SWL 9/16" X 5-1/2"	0.50 LB
129134	2 TON SWL 9/16" X 6-3/4"	0.59 LB
129135	2 TON SWL 9/16" X 11"	0.85 LB
129138	4 TON SWL 3/4" X 4-3/4"	0.99 LB
129139	4 TON SWL 3/4" X 5-1/2"	1.10 LB
129140	4 TON SWL 3/4" X 7-1/8"	1.27 LB
129141	4 TON SWL 3/4" X 9-1/2"	1.57 LB
129142	4 TON SWL 3/4" X 14"	2.12 LB
129143	4 TON SWL 3/4" X 19"	2.75 LB
129144	8 TON SWL 1-3/32" X 4-3/4"	2.10 LB
129145	8 TON SWL 1-3/32" X 5-1/4"	2.15 LB
129146	8 TON SWL 1-3/32" X 6-3/4"	2.69 LB
129147	8 TON SWL 1-3/32" X 10"	3.95 LB
129148	8 TON SWL 1-3/32" X 13-3/8"	4.33 LB
129149	8 TON SWL 1-3/32" X 26-3/4"	8.83 LB
129150	20 TON SWL 1-1/2" X 10"	9.70 LB
129151	20 TON SWL 1-1/2" X 19-3/4"	13.06 LB

SWIFT LIFT® SL ANCHORS P52 - CANADA ONLY

Product Code	Description	Weight
123300	4 TON SWL 1-1/2"; CANADA ONLY	0.65 LB
60621	4 TON SWL 3"; CANADA ONLY	0.52 LB
60622	4 TON SWL 3-1/2"; CANADA ONLY	0.52 LB
60628	4 TON SWL 4-1/2"; CANADA ONLY	1.20 LB
60631	4 TON SWL 5-1/4"; CANADA ONLY	1.01 LB
60633	4 TON SWL 5-1/3"; CANADA ONLY	1.01 LB
60637	4 TON SWL 6"; CANADA ONLY	1.11 LB
60634	4 TON SWL 6-1/4"; CANADA ONLY	1.11 LB
121018	8 TON SWL 5-3/4"; CANADA ONLY	2.38 LB
120959	8 TON SWL 6-1/4"; CANADA ONLY	2.48 LB
60646	8 TON SWL 7-1/8"; CANADA ONLY	2.69 LB
60649	8 TON SWL 5-3/4"; CANADA ONLY	3.03 LB
146316	8 TON SWL 8-1/4"; CANADA ONLY	2.38 LB

SWIFT LIFT® SL ANCHORS P52 - CANADA ONLY - MAGAZINE

ANCHORS

Product Code	Description	Weight
123932	4 TON SWL 90MM; CANADA ONLY	
123934	4 TON SWL 100MM; CANADA ONLY	

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.

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