

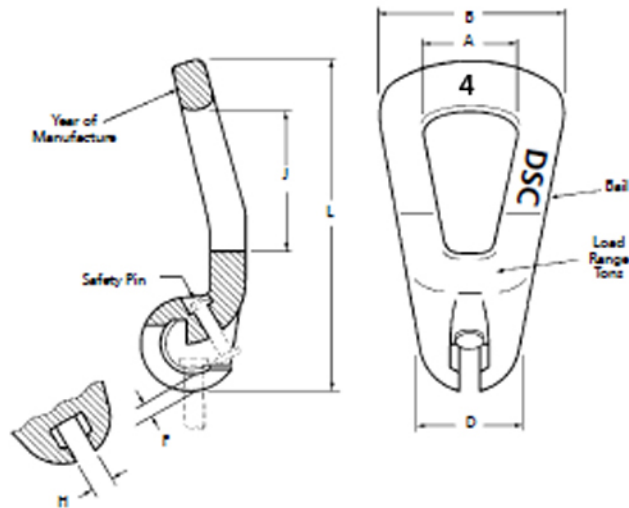
## TECHNICAL DATA SHEET

### DESCRIPTION

The Swift Lift Lifting Eye is a high quality steel casting designed for edge lift only.

### APPLICATION

P51 Swift Lift Lifting Eye's ball-shaped lower end fits into the void formed in the concrete and engages the spherical head of the P52 Swift Lift Anchor. Attachment to the anchor head can only be made when the lifting eye is positioned with its front face toward the concrete.



### FEATURES

- U.S. Patent No. 3,499,676
- In the working position, P51 release is impossible
- Available with safe working loads of 2, 4, and 8 tons
- Each unit is clearly marked with its MAXIMUM safe working load.
- Extremely versatile, suitable for vertical or diagonal pull

### TECHNICAL DATA

P50 SWIFT LIFT UNIVERSAL LIFTING EYE DIMENSIONS								
Rated Load Tons	A	B	C	D	E x 2	F Maximum Width	G Minimum Thickness	H
1	2.9"	1.7"	2.8"	7.5"	2.20"	0.512"	0.217"	1.26"
2	3.5"	2.3"	3.3"	9.0"	2.68"	0.709"	0.236"	1.65"
4	4.6"	2.8"	3.5"	11.0"	3.46"	0.984"	0.315"	2.26"
8	6.3"	3.3"	4.4"	15.6"	4.40"	1.260"	0.472"	2.90"
20	7.3"	4.6"	5.9"	20.4"	5.98"	1.811"	0.709"	4.35"

The rated load provides a factor of safety of approximately 5 to 1 (ultimate rated load)

### INSTALLATION

1. Engage the lifting eye and the anchor.
2. Rotate the lifting eye into the lifting position and attach the crane hook. When the lifting eye is rotated to the working position, the safety pin will drop into position to prevent accidental release of the lifter.
3. Do not use the P51 SL Lifting Eye for face lift insert applications.

4. Inspection: Inspect the lifting eyes at least once a month to determine general condition, degree of wear and any evidence of heat application. If evidence of heat application is found, the unit must be destroyed. In addition, check to make certain that the bail is not bent or twisted. Destroy all units that have a bent or twisted bail. Check the safety pin; missing pins must be replaced. Make sure the safety pin is in good condition and moves freely at all times. At least once every three months, dimensions "F" and "G" on each unit should be checked. The upper limits are shown in the chart. If either of these limits is exceeded, the Swift Lift Lifting Eye must be removed from service and destroyed.

5. Maintenance: The only maintenance on the P51 SL Lifting Eye is the replacement of the safety pin. No other repairs, alterations or welding are permitted.

### RELATED PRODUCTS

- P52 Swift Lift Anchors
- P53 Swift Lift Eye Anchors

### HOW TO ORDER

To Order: Specify: (1) quantity, (2) name, (3) size.  
Example: 5, P51 SL Lifting Eye, 4 Ton units

### ORDERING INFORMATION

Product Code	Description	Weight
60573	2 TON SWL	5.976 LB
60576	4 TON SWL	9.376 LB
60579	8 TON SWL	18.8 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)

**TECHNICAL DATA SHEET****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.