

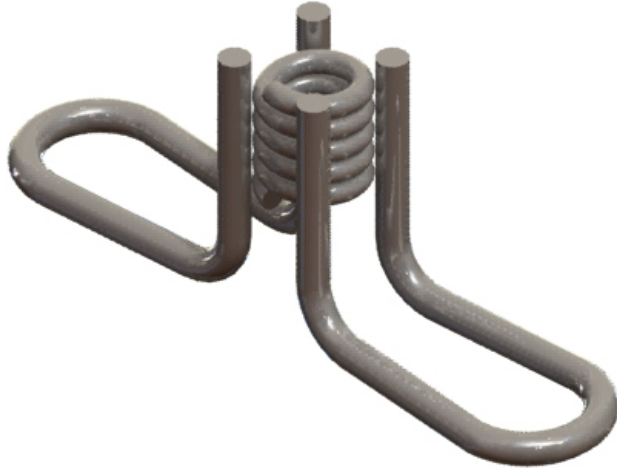
## TECHNICAL DATA SHEET

### DESCRIPTION

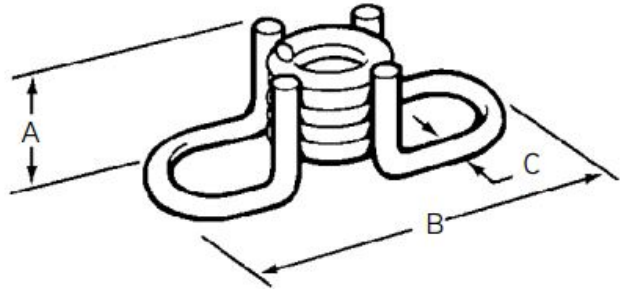
The Dayton Superior F63 Flared Thin Slab Coil Insert is designed for use in very thin slabs or other conditions where a longer insert cannot be used.

### APPLICATION

Inserts should be set back 1/2" from the surface of the concrete, maintaining at least 3/4" of concrete below the insert. Minimum spacing between inserts is twice the minimum corner distance.



### INSTALLATION



### ORDERING INFORMATION

#### FLARED THIN SLAB INSERT (COIL THREAD) - WING NUT

#### TYPE - COIL THREADS

Product Code	Description	Weight
48911	1/2" DIA PLAIN X 1-5/8"	0.21 LB
48912	3/4" DIA PLAIN X 2-5/16"	0.54 LB
48915	3/4" DIA PLAIN X 3-1/2"	0.64 LB
48913	1" DIA PLAIN X 2-5/16"	0.77 LB
48918	1" DIA PLAIN X 4-1/2"	0.92 LB
48903	1/2" DIA ELECTRO GALV. X 1-5/8"	0.21 LB
48914	3/4" DIA ELECTRO GALV. X 2-5/16"	0.54 LB
48916	3/4" DIA ELECTRO GALV. X 3-1/2"	0.66 LB
48917	1" DIA ELECTRO GALV. X 2-5/16"	0.79 LB
48919	1" DIA ELECTRO GALV. X 4-1/2"	0.93 LB

### FEATURES

- Bolt Diameter sizes from 1/2" to 1"
- Insert Lengths from 1-5/8" to 4-1/2"
- This insert features Coil thread
- Available in plain, electro galvanized and stainless steel finishes

### TECHNICAL DATA

F63 Flared Thin Slab Coil Insert Technical Data

Bolt Diameter	Insert Length	Min. Edge Dist.	Min. Corner Dist.	Safe Working Load Tension (lbs)	Safe Working Load Sear (lbs)	A	B	C
1/2"	1-5/8"	6"	6"	1,520	1,090	1-5/8"	4-1/16"	0.223"
3/4"	2-5/16"	8"	8"	2,170	1,640	2-5/16"	4-5/8"	0.306"
3/4"	3-1/2"	9"	9"	3,570	2,600	3-1/2"	4-5/8"	0.306"
1"	2-5/16"	8"	8"	2,460	1,970	2-5/16"	5-1/8"	0.306"
1"	4-1/2"	12"	12"	5,280	4,000	4-1/2"	5-1/8"	0.306"

Safe Working Load provides a factor of safety of approximately 4 to 1 in 3,000 psi normal weight concrete.

**NOTE:** Dayton Superior does not recommend the use of 1/2" diameter bolts for lifting / handling of precast panels.

### MANUFACTURER

Dayton Superior Corporation  
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 Miamisburg, OH 45342  
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 Technical Services: 877-266-7732  
 Website: 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.