

TECHNICAL DATA SHEET

DESCRIPTION

The B16 Straight Coil Loop Insert is highly efficient for lifting and handling precast concrete elements.



B16 Standard
Coil Loop Insert



B16/B3 Screw-On
Coil Loop Insert Coil

FEATURES

- Made of a single looped wire strut welded to a helix coil
- Available in 1/2", 3/4" and 1" nominal diameter standard or screw-on coil
- Available in various standard lengths
- Other lengths and with a nailing washer face is available on special order
- Available in Plain and Electro Galvanized finish

TECHNICAL DATA

B16 Coil Loop Insert, Straight Selection Chart

* SWL provides a factor of safety of ~2 to 1. SWL may vary with concrete weight & strength, as well as with insert setback & edge distance. Contact the Dayton Superior Technical Service Department for variables.

Bolt Diameter	Insert Length	Wire Strut Diameter	Safe Working Load Tension (lbs)*	Minimum Concrete Strength (psi)
1/2"	3"	0.223	4,500	2,000
1/2"	4"	0.223	4,500	2,000
1/2"	6"	0.306	7,500	2,000
3/4"	4"	0.306	4,500	2,000
3/4"	6"	0.306	7,500	2,000
3/4"	6"	0.375	9,000	2,000
3/4"	9"	0.375	9,000	2,000
1"	6"	0.306	7,500	2,000
1"	8"	0.306	7,500	2,000

RELATED PRODUCTS

- B12 Coil Rod
- B16W Coil Loop Insert with Washer
- F48- Eye Nut
- F49 and F49A- Eye Bolt

ORDERING INFORMATION

COIL LOOP INSERT - B16 PLAIN STANDARD COIL

Product Code	Description	Weight
43995	1/2" X 3" PLAIN	0.14 LB
44000	1/2" X 4" PLAIN	0.17 LB
44104	1/2" X 6" PLAIN	0.36 LB
44050	3/4" X 4" PLAIN	0.37 LB
44100	3/4" X 6" PLAIN	0.45 LB
44099	3/4" X 6" PLAIN	0.39 LB
44022	3/4" X 9" PLAIN	0.45 LB
44110	1" X 6" PLAIN	0.82 LB
44114	1" X 8" PLAIN	0.90 LB

COIL LOOP INSERT - B16 ELECTRO GALVANIZED STANDARD

COIL

Product Code	Description	Weight
43996	1/2" X 3" ELECTRO GALV.	0.14 LB
44001	1/2" X 4" ELECTRO GALV.	0.17 LB
44105	1/2" X 6" ELECTRO GALV.	0.36 LB
44051	3/4" X 4" ELECTRO GALV.	0.37 LB
44101	3/4" X 6" ELECTRO GALV.	0.39 LB
44098	3/4" X 6" ELECTRO GALV.	0.45 LB
112072	3/4" X 9" ELECTRO GALV.	0.63 LB
44111	1" X 6" ELECTRO GALV.	0.82 LB
44115	1" X 8" ELECTRO GALV.	0.95 LB

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COIL LOOP INSERT - (SCREW-ON) B16 / B3 SCREW-ON COIL

Product Code	Description	Weight
44102	1/2" X 4" PLAIN	0.18 LB
44106	1/2" X 6" PLAIN	0.30 LB
44017	3/4" X 4" PLAIN	0.39 LB
44103	3/4" X 6" PLAIN	0.39 LB

MANUFACTURER

Dayton Superior Corporation
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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.