F42 - LOOP FERRULE INSERT

Accessories

TECHNICAL DATA SHEET

DESCRIPTION

The Dayton Superior F42 Loop Ferrule Insert is fabricated by welding a loop strut to a closed-end ferrule and is well suited for structural connections and the suspension of equipment, piping, etc.

FEATURES

- Available in Plain, Electro Galvanized and Type 304 Stainless Steel Finishes.
- Safe Working Load provides a factor of safety of approximately 3 to 1 in 3,000 psi normal weight concrete.
- Safe Working Loads are based on 1/2" setback from face of concrete.
- Minimum spacing between inserts is twice the minimum corner distance.

TECHNICAL DATA

F42 Loop Ferrule Insert Selection Chart

Bolt Diameter & Threads per Inch	Min Edge Distance	Min Corner Distance	SWL Tension	SWL Shear	Max Bolt Engagement	A	B
1/4" - 20 NC	5"	5"	650 lbs.	650 lbs.	3/4"	2-3/4"	0.243"
3/8" - 16 NC	5"	5"	2,000 lbs.	1,260 lbs.	3/4"	2-3/4"	0.243"
	10"	15"	2,000 lbs.	2,000 lbs.			
1/2" - 13 NC	5"	5"	2,000 lbs.	1,280 lbs.	1"	2-3/4"	0.243"
	7"	10"	2,000 lbs.	2,000 lbs.			
5/8" - 11 NC	5"	7"	2,000 lbs.	1,990 lbs.	1-1/8"	3-1/2"	0.258"
	5"	7"	2,000 lbs.	2,000 lbs.			
3/4" - 10 NC	5"	7"	2,200 lbs.	1,990 lbs.	1-1/8"	3-1/2"	0.258"
	8"	8"	2,200 lbs.	2,200 lbs.			
7/8" - 9 NC	8"	8"	5,300 lbs.	4,060 lbs.	1-1/8"	6"	0.375"
	10"	15"	5,300 lbs.	5,300 lbs.			
1" - 8 NC	8"	8"	5,300 lbs.	4,060 lbs.	1-1/8"	6"	0.375"
	10"	15"	5,300 lbs.	5,300 lbs.			

Safe Working Load provides a factor of safety of approximately 3 to 1 in 3,000 psi normal weight concrete. Safe Working Loads are based on 1/2" setback from face of concrete.

HOW TO ORDER

Additional sizes available as made to order. Please call for availability, lead time and pricing.

ORDERING INFORMATION

LOOP FERRULE INSERT - NC THREADS - PLAIN

Product Code	Description	Weight
49670	3/8" PLAIN 16NC	0.14 LB
49671	1/2" PLAIN 13NC	0.16 LB
49672	5/8" PLAIN 11NC	0.27 LB
49673	3/4" PLAIN 10NC	0.30 LB
49675	7/8" PLAIN 9NC	0.48 LB
49674	1" PLAIN 8NC	0.83 LB

LOOP FERRULE INSERT - NC THREADS - ELECTRO GALVANIZED

Product Code	Description	Weight
49651	3/8" ELECTRO GALV. 16NC	0.12 LB
49652	1/2" ELECTRO GALV. 13NC	0.16 LB
49653	5/8" ELECTRO GALV. 11NC	0.28 LB
49654	3/4" ELECTRO GALV. 10NC	0.31 LB
49655	7/8" ELECTRO GALV. 9NC	0.48 LB
49656	1" ELECTRO GALV. 8NC	0.80 LB

LOOP FERRULE INSERT - NC THREADS - STAINLESS STEEL

Product Code	Description	Weight
49615	3/8" STAINLESS STEEL 16NC	0.13 LB
49618	1/2" STAINLESS STEEL 13NC	0.17 LB
49620	5/8" STAINLESS STEEL 11NC	0.26 LB
49623	3/4" STAINLESS STEEL 10NC	0.32 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

File Date: 12/9/2020

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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.