

## TECHNICAL DATA SHEET

### DESCRIPTION

The Dayton Superior F64 Ferrule Loop Insert is manufactured by welding a wire loop to a steel ferrule which has been machined from bar stock. One end of the ferrule is closed, while the other end is drilled and tapped to accept an NC threaded bolt.

### APPLICATION

The F64 Ferrule Loop Insert can be used for suspending, connecting and anchoring to concrete. Typically, this insert is used to attach a precast wall panel to a building frame, as well as provide attachment of other structural elements that may be required. 16 gauge x 2" x 2" mounting washers are available with all ferrule type inserts and can be used to nail a ferrule type insert to the form.

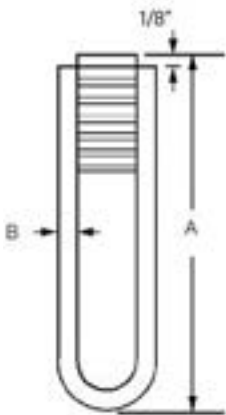
### F64 Ferrule Loop Insert Selection Table

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

Safe Working Loads are based on 1/2" setback from the face of the concrete.

Minimum spacing between inserts is twice the minimum corner distance.

Bolt Diam. & Thread per Inch	Insert Height (A)	Min. Edge Dist.	Min. Corner Dist.	SWL Tension (lbs)	SWL Shear (lbs)	B	Max. Bolt Engag ement
1/2" - 13 NC	4-1/8"	5"	10"	3,000	1,810	0.223"	1"
1/2" - 13 NC	4-1/8"	9"	15"	3,000	3,000	0.223"	1"
1/2" - 13 NC	6-1/8"	7"	12"	5,000	3,410	0.306"	1"
1/2" - 13 NC	6-1/8"	9"	12"	5,000	3,410	0.306"	1"
5/8" - 11 NC	4-1/8"	5"	12"	3,000	1,810	0.223"	1-1/8"
5/8" - 11 NC	4-1/8"	9"	10"	3,000	3,000	0.223"	1-1/8"
5/8" - 11 NC	6-1/8"	7"	12"	5,000	3,420	0.306"	1-1/8"
5/8" - 11 NC	6-1/8"	11"	12"	5,000	5,000	0.306"	1-1/8"
3/4" - 10 NC	4-1/8"	5"	15"	3,000	1,810	0.223"	1-1/8"
3/4" - 10 NC	4-1/8"	9"	10"	3,000	3,000	0.223"	1-1/8"
3/4" - 10 NC	6-1/8"	7"	12"	5,000	3,420	0.306"	1-1/8"
3/4" - 10 NC	6-1/8"	11"	15"	5,000	5,000	0.306"	1-1/8"
7/8" - 9 NC	6-1/8"	7"	12"	5,000	3,420	0.306"	1-1/8"
7/8" - 9 NC	6-1/8"	11"	15"	5,000	5,000	0.306"	1-1/8"
1" - 8 NC	6-1/8"	7"	12"	5,000	3,420	0.306"	1-1/8"
1" - 8 NC	6-1/8"	11"	12"	5,000	4,650	0.306"	1-1/8"
1" - 8 NC	8-1/8"	7"	12"	5,000	3,830	0.306"	1-1/8"
1" - 8 NC	8-1/8"	11"	15"	5,000	5,000	0.306"	1-1/8"



F64 Ferrule Loop Insert



Insert with Optional Mounting Washer.

### RELATED PRODUCTS

- F64W - Ferrule Loop Washer

### FEATURES

- Available in Plain, Electro Galvanized, Hot Dipped Galvanized Finish or Type 304 Stainless Steel.

## TECHNICAL DATA SHEET

### ORDERING INFORMATION

#### FERRULE LOOP INSERT - NC THREADS - PLAIN

Product Code	Description	Weight
43943	1/2" DIA PLAIN X 4-1/8"	0.20 LB
43947	1/2" DIA PLAIN X 6-1/8"	0.36 LB
43950	5/8" DIA PLAIN X 4-1/8"	0.37 LB
43954	5/8" DIA PLAIN X 6-1/8"	0.42 LB
43960	3/4" DIA PLAIN X 4-1/8"	0.36 LB
43964	3/4" DIA PLAIN X 6-1/8"	0.45 LB
43958	7/8" DIA PLAIN X 6-1/8"	0.61 LB
43970	1" DIA PLAIN X 6-1/8"	0.75 LB
43976	1" DIA PLAIN X 8-1/8"	1.02 LB

#### FERRULE LOOP INSERT - NC THREADS - ELECTRO

##### GALVANIZED

Product Code	Description	Weight
43944	1/2" DIA ELECTRO GALV. X 4-1/8"	0.20 LB
43948	1/2" DIA ELECTRO GALV. X 6-1/8"	0.37 LB
43951	5/8" DIA ELECTRO GALV. X 4-1/8"	0.33 LB
43955	5/8" DIA ELECTRO GALV. X 6-1/8"	0.41 LB
43961	3/4" DIA ELECTRO GALV. X 4-1/8"	0.41 LB
43965	3/4" DIA ELECTRO GALV. X 6-1/8"	0.45 LB
43974	7/8" DIA ELECTRO GALV. X 6-1/8"	0.61 LB
43971	1" DIA ELECTRO GALV. X 6-1/8"	0.78 LB
43977	1" DIA ELECTRO GALV. X 8-1/8"	1.02 LB

#### FERRULE LOOP INSERT - NC THREADS - STAINLESS STEEL

Product Code	Description	Weight
43945	1/2" DIA STAINLESS STEEL X 4-1/8"	0.20 LB
43949	1/2" DIA STAINLESS STEEL X 6-1/8"	0.38 LB
43952	5/8" DIA STAINLESS STEEL X 4-1/8"	0.37 LB
43956	5/8" DIA STAINLESS STEEL X 6-1/8"	0.48 LB
43962	3/4" DIA STAINLESS STEEL X 4-1/8"	0.36 LB
43967	3/4" DIA STAINLESS STEEL X 6-1/8"	0.44 LB
43972	1" DIA STAINLESS STEEL X 6-1/8"	0.75 LB

#### FERRULE LOOP INSERT - NC THREADS - HOT DIPPED

##### GALVANIZED

Product Code	Description	Weight
129023	3/4" DIA HOT DIPPED GALV. X 4-1/8"	0.60 LB
129024	7/8" DIA HOT DIPPED GALV. X 6-1/8"	0.80 LB
129188	1" DIA HOT DIPPED GALV. X 6-1/8"	0.80 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

### 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.