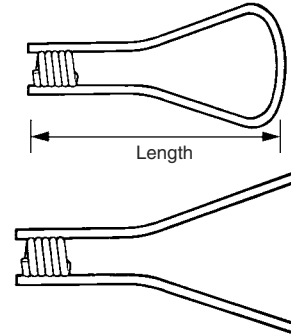


B-17 Double Flared Coil Loop Insert

Dayton Superior B-17 Double Flared Coil Loop Insert is made with two looped wire struts welded to a helix coil. The B-17 insert is suitable for heavy form anchorage in mass concrete construction. Standard length is 12" for 1", 1-1/4" and 1-1/2" diameter units. Standard 6" nominal flares are supplied unless special size or shaped flares are requested.

B-17 Double Flared Coil Loop Insert Selection Chart					
Bolt Diameter x Insert Length	Flare width	Wire Strut Diameter	Safe Working Load Tension (lbs.)	Minimum Concrete Strength (psi)	Minimum Edge Distance
1" x 12" Std.	5-3/4"	.375"	18,000	1,000	15"
1" x 12" Hvy.	5-3/4"	.442"	27,000	1,000	15"
1-1/4" x 12" Std.	6"	.375"	18,000	1,000	15"
1-1/4" x 12" Hvy.	6"	.442"	27,000	1,000	15"
1-1/2" x 12" Std.	6-1/4"	.375"	18,000	1,000	15"
1-1/2" x 12" Hvy.	6-1/4"	.442"	27,000	1,000	15"



B-17 Double Flared Coil Loop Insert

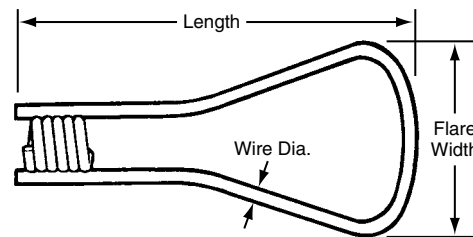
To Order:
Specify: (1) quantity, (2) name, (3) size, (4) SWL.

Example:
500 pcs. B-17 Double Flared Coil Loop Inserts, 1-1/4" diameter, 27,000 lbs. SWL.

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

B-18 Single Flared Coil Insert

Dayton Superior B-18 Single Flared Coil Insert is made with the loop end flared for greater anchorage in the concrete. Standard lengths and sizes are shown in the chart. Special lengths and flare shapes can be special ordered.



B-18 Single Flared Coil Insert

To Order:
Specify: (1) quantity, (2) bolt diameter, (3) length, (4) SWL.

Example:
500 pcs. B-18 Single Flared Coil Loop Insert, 3/4", 9", 7,500 SWL.

B-18 Single Flared Coil Loop Insert Selection Chart					
Bolt Dia. x Insert Length	Flare width	Wire Strut Diameter	Safe Working Load Tension (lbs.)	Minimum Concrete Strength (psi)	Minimum Edge Distance
1/2" x 4" or 6" or 8"	3"	.223"	4,500	2,000	11"
3/4" x 6" or 9" or 12"	5-1/2"	.306"	7,500	2,000	13"
3/4" x 6" or 9" or 12"	5-1/2"	.375"	9,000	2,000	13"
3/4" x 9" or 12"	5-1/2"	.442"	13,500	2,000	13"
1" x 6" or 9" or 12"	5-1/2"	.375"	9,000	2,000	15"
1" x 9" or 12"	5-1/2"	.442"	15,000	2,000	15"
1-1/4" x 12"	5-1/2"	.375"	9,000	2,000	15"
1-1/4" x 12"	5-1/2"	.442"	15,000	2,000	15"
1-1/4" x 12"	5-1/2"	.442"	15,000	2,000	15"

SWL are based on 1/2" set back from face of concrete.

SWL provides a factor of safety of approximately 2 to 1.

SWL vary with concrete weight and strength as well as insert setback. For use in other than 2,000 psi normal weight concrete, contact our technical service department.