

Snap-Loc spacers

Product overview

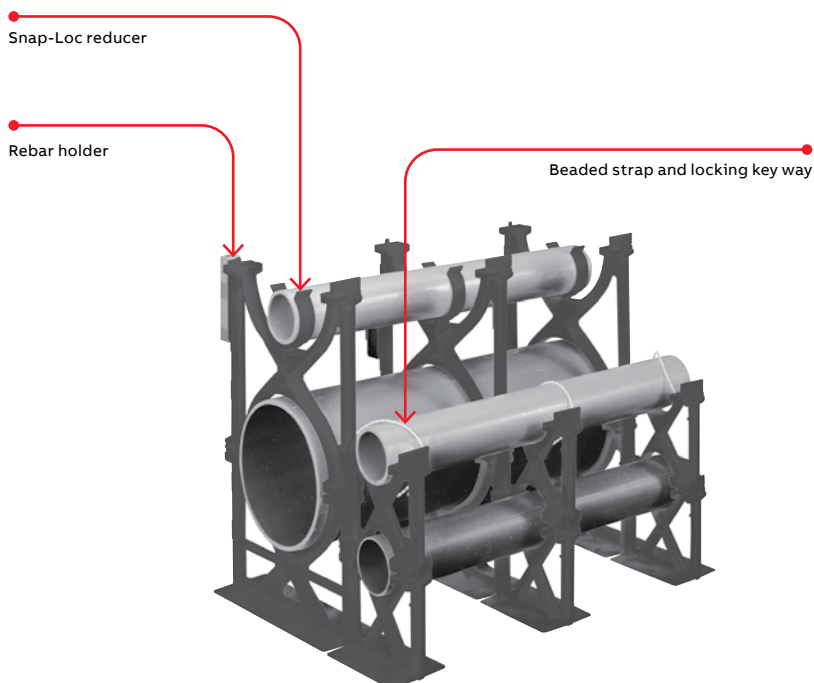


Carlton Snap-Loc duct spacers provide stability, consistent separation and relieve direct stress for duct materials encased in concrete and direct burial applications.

Carlton Snap-Loc spacers provide:

- A side dovetail rail-and-groove design allowing for side-by-side interchangeability of conduit spacer sizes while maintaining horizontal stability.
- Locking key ways incorporated into intermediate spacers eliminate the need for costly top spacers in each size. The locking key ways provide for the use of a beaded strap that secures the top section of conduit.
- 1 in. and 2 in. Snap-Loc reducers allow fixturing of 1 in. or 2 in. conduit inside larger spacers.
- The Snap-Loc rebar holder provides stabilization on large banks of spacers.

Nonmetallic Snap-Loc spacers are designed specifically for use with nonmetallic duct, with maximum O.D. dimensions as specified in NEMA TC-2, TC-6 and 8, TC-10 and ASTM F512. The innovative vertical and horizontal interlocking Snap-Loc design has tapered joining slots with maximum tolerances for easy job site assembly.



Important

1. The use of duct spacers for direct burial may result in excessive point deflections unless proper design engineering is applied, such as the proper compaction of the appropriate backfill material.
2. ABB is not responsible for Snap-Loc spacers used in direct burial applications; design engineers and contractors are responsible for the design of the installation.

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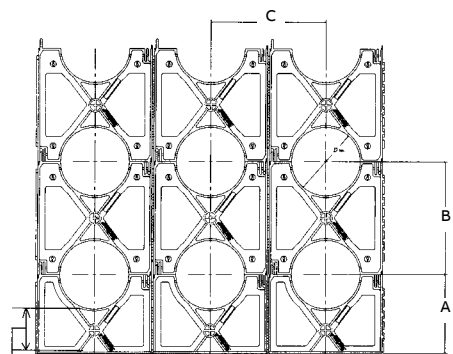
Dimensions – Base spacers

Cat. no.	Size* (in.)	A (in.)	C (in.)	Dia. (in.)	D	Std. ctn. qty.
S288JHN	2 x 1½	4.25	4.12	2.50		100
S288JJN	2 x 2	4.25	4.62	2.50		100
S288JLN	2 x 3	4.25	5.62	2.50		100
S288LHN	3 x 1½	4.81	5.25	3.63		90
S288LJN	3 x 2	4.81	5.75	3.63		80
S288LLN	3 x 3	4.81	6.75	4.63		60
S288NFN	4 x 1	4.50	6.75	4.63		70
S288NHN	4 x 1½	5.31	6.25	4.63		50
S288NJN	4 x 2	5.31	6.75	4.63		50
S288NLN	4 x 3	5.31	7.75	5.69		60
S288PHN	5 x 1½	5.84	7.31	5.69		50
S288PJN	5 x 2	5.84	7.81	5.69		60
S288PLN	5 x 3	5.84	8.81	6.75		50
S288RHN	6 x 1½	6.38	8.38	6.75		50
S288RJN	6 x 2	6.38	8.88	6.75		50
S288RLN	6 x 3	6.38	9.88	6.75		40
S288SHN	8 x 1½	7.38	10.30	8.75		30
S288SJN	8 x 2	7.38	10.76	8.75		30

Dimensions – Intermediate spacers

Cat. no.	Size* (in.)	A (in.)	C (in.)	Dia. (in.)	D	Std. ctn. qty.
S289JHN	2 X 1½	3.88	4.12	2.50		100
S289JJN	2 x 2	4.38	4.62	2.50		100
S289JLN	2 x 3	5.38	5.62	2.50		100
S289LHN	3 x 1½	5.01	5.25	3.63		90
S289LJN	3 x 2	5.51	5.75	3.63		80
S289LLN	3 x 3	6.51	6.75	4.63		60
S289NFN	4 x 1	5.51	6.75	4.63		70
S289NHN	4 x 1½	6.01	6.25	4.63		50
S289NJN	4 x 2	6.51	6.75	4.63		50
S289NLN	4 x 3	7.51	7.75	5.69		60
S289PHN	5 x 1½	7.07	7.31	5.69		50
S289PJN	5 x 2	7.57	7.81	5.69		60
S289PLN	5 x 3	8.57	8.81	6.75		50
S289RHN	6 x 1½	8.14	8.38	6.75		50
S289RJN	6 x 2	8.64	8.88	6.75		50
S289RLN	6 x 3	9.64	9.88	6.75		40
S289SHN	8 x 1½	10.14	10.30	8.75		30
S289SJN	8 x 2	10.64	10.76	8.75		30

Diagram



3 in. standard for all base spacers (with the exception of the 4X1-S288NFN)

*First number indicates trade size of duct, second number indicates separation between conduit or ducts.

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Accessories

Snap-Loc reducer

Cat. no.	Size (in.)	Std. ctn. qty.
S287F	1	100
S287J	2	100

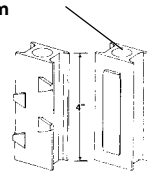
Diagram



Rebar holder

Cat. no.	Std. ctn. qty.
S258RH	100

Diagram

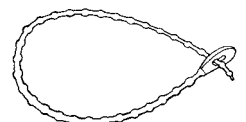


Hole dia. 0.688" min.
and 0.750" max.

Beaded strap

Cat. no.	Std. ctn. qty.
S28612	1 Bag of 250

Diagram



15 in. in length

Specifications

Suggested specification

(Duct) (Conduit) bank shall be encased in concrete with at least three inches of concrete at the top and bottom and two inches on each side. A horizontal and vertical separation between the ducts of * inches shall be maintained by installing Carlon high impact spacers with horizontal and vertical locking intervals of **feet.

*Standard separations of 1 in., 1½ in., 2 in. and 3 in. are available.

**Preferred interval between spacer assemblies is 8 to 10 feet.

Installation note

The spacers and rebar holder are designed with a dovetail tongue-and-groove feature for easy installation. If required to permanently fix the position of a group of spacers and/or rebar holder, the following are recommended procedures:

1. Use Carlon quick-set cement glue during assembly or spot glue after assembly to secure.
2. During assembly, deform the edge of the tongue or groove portion of the dovetail slide with a pair of pliers or similar tool. This deformation will create an interference, restricting movement.
3. An assembled system may be wired together for additional support.

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