

# Spacers

## Carlton® Snap-Loc® spacers

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

Non-metallic Snap-Loc® Spacers are designed specifically for use with non-metallic duct, with maximum O.D. dimensions as specified in NEMA TC-2, TC-6 & 8 and ASTM F512. The innovative vertical and horizontal interlocking Snap-Loc® design has tapered joining slots with maximum tolerances for easy jobsite assembly.

### Important:

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



### Installation note

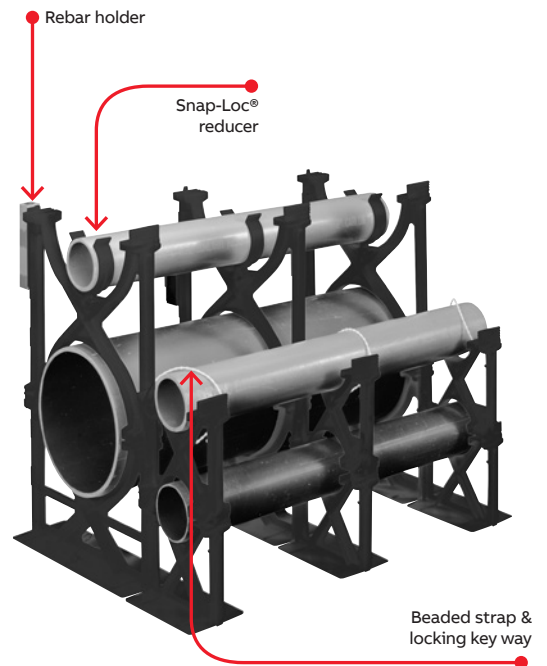
The Spacers and Rebar Holder are designed with a dovetail tongue-and-groove feature for easy installation.

If required to permanently fix the position of a group of Spacers and/or Rebar Holder, the following are recommended procedures:

1. Use Carlton® 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.

### Features and benefits:

- A side dovetail rail-and-groove design enabling side-by-side interchangeability of conduit spacer sizes while maintaining horizontal stability
- Locking keyways incorporated into intermediate spacers eliminate the need for costly top spacers in each size. The locking keyways provide for the use of a beaded strap that secures the top section of conduit
- 1" and 2" Snap-Loc® Reducers enable fixturing of 1" or 2" conduit inside larger spacers
- The Snap-Loc® Rebar Holder provides stabilization on large banks of spacers



### Important:

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.

**Note:** Spacers are not UL® Listed.

## Spacers

### Carlton® Snap-Loc® spacers

#### Dimensions – Base spacers

Cat. No.	Size (in.)	A (in.)	C (in.)	D (Dia.) (in.)	Std. Ctn.
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	3.63	60
S288NFN	4 x 1	4.50	5.75	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	4.63	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	5.69	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	10.3	8.75	30
S288SJN	8 x 2	7.38	10.76	8.75	30

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


#### Dimensions – Intermediate spacers

Cat. No.	Size (in.)	A (in.)	C (in.)	D (Dia.) (in.)	Std. Ctn.
S289JHN	2 x 1½	3.88	4.12	2.50	120
S289JJN	2 x 2	4.38	4.62	2.50	100
S289JLN	2 x 3	5.38	5.62	2.50	80
S289LHN	3 x 1½	5.01	5.25	3.63	100
S289LJN	3 x 2	5.51	5.75	3.63	80
S289LLN	3 x 3	6.51	6.75	3.63	60
S289NFN	4 x 1	5.51	5.73	4.63	70
S289NHN	4 x 1½	6.01	6.25	4.63	60
S289NJN	4 x 2	6.51	6.75	4.63	60
S289NLN	4 x 3	7.51	7.75	4.63	50
S289PHN	5 x 1½	7.07	7.31	5.69	50
S289PJN	5 x 2	7.57	7.81	5.69	50
S289PLN	5 x 3	8.57	8.81	5.69	30
S289RHN	6 x 1½	8.14	8.38	6.75	50
S289RJN	6 x 2	8.64	8.88	6.75	40
S289RLN	6 x 3	9.64	9.88	6.75	30
S289SHN	8 x 1½	10.14	10.3	8.75	30
S289SJN	8 x 2	10.64	10.76	8.75	30

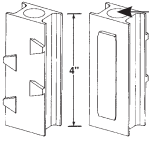
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## Accessories

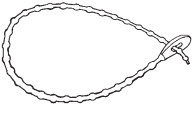
### Snap-Loc® reducer

	Cat. No.	Size (in.)	Std. Ctn.
	S287F	1	100
	S287J	2	100

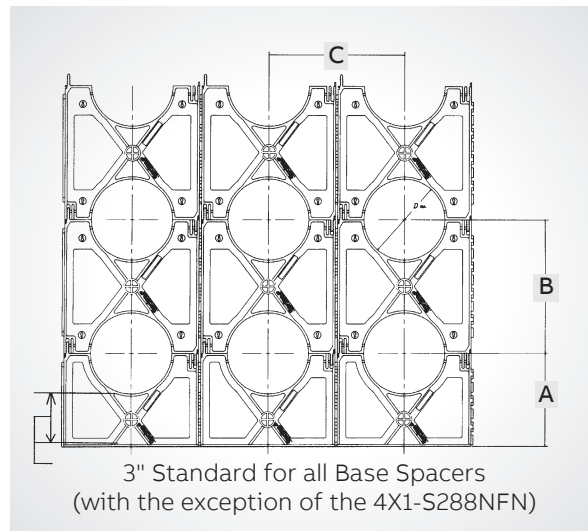
### Rebar holder

	Cat. No.	Std. Ctn.
 Hole Dia. = .688 min. .750 max.	S258RH	100

### Beaded strap

	Cat. No.	Std. Ctn.
 15" in length	S28612	1 Bag of 250

## 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 Carlton® high-impact spacers with horizontal and vertical locking intervals of \_\_\_\_\*\* feet.

\*Standard Separations of 1", 1½", 2" and 3" are available.

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