

## Sleeve Type Expansion Anchors

- For use in concrete and masonry substrates.
- Suitable for solid and hollow core materials.
- Fits standard fixture holes - no need to undersize anchors for proper fit.
- Sleeve has 360° contact area and reduces concrete stress.
- UL & FM approved.
- Available in Zinc Plated Steel or Type 304 Stainless Steel.



Hex Nut (HN) Style



Acorn Nut (AN) Style



Slotted Round Head (RS) Style

Sleeve Type Expansion - Data	1/4"	3/8"	1/2"	5/8"	3/4"
ANSI Drill Bit Size (in.)	1/4	3/8	1/2	5/8	3/4
Fixture Clearance Hole (in.)	5/16	7/16	9/16	11/16	15/16
Plow Bolt Size (UNC)	#10-24	5/16"-18	3/8"-16	1/2"-13	5/8"-11
Min. Embedment Depth (in.)	1/2	1 1/4	1 1/2	2	2 1/4
Load Capacity Tension (lbs) *	65	540	645	1405	1455
Load Capacity Shear (lbs) *	250	1030	1215	1215	2760

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading contact factory.



Rod Hanger (RH) Style



Wire Hanger (WH) Style

Sleeve Type Expansion - Data	Hanger Rod			Wire Hanger
	1/4"	3/8"	1/2"	5/16"
ANSI Drill Bit Size (in.)	1/4	3/8	1/2	5/16
Fixture Clearance Hole (in.)	NA	NA	NA	1/4
Plow Bolt Size (UNC)	#10-24	5/16"-18	3/8"-16	1/4"-20
Coupling Height (in.)	7/8	1	1 1/4	NA
Min. Embedment Depth (in.)	1/2	1 1/4	1 1/2	1
Load Capacity Tension (lbs) *	65	540	645	350
Load Capacity Shear (lbs) *	250	1030	1215	590

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading go to [www.cooperblineline.com](http://www.cooperblineline.com).

For loading information, see ICC-ES ESR-2502.

Read safety/installation instruction sheets in packages before use.

## Sleeve Type Expansion Anchors

UPC/Part Number	Catalog Number	Size	Thread Length	Box Qty.
<b>Hex Nut Style</b>				
78101102995	<b>ASA-37-187HN</b>	3/8" x 17/8"	1 5/8"	50
78101102996	<b>ASA-37-300HN</b>	3/8" x 3"	1 5/8"	50
78205153400	<b>ASA-37-400HN</b>	3/8" x 4"	1 5/8"	50
78101102997	<b>ASA-50-225HN</b>	1/2" x 2 1/2"	2 1/8"	25
78101102998	<b>ASA-50-300HN</b>	1/2" x 3"	2 1/4"	25
78101102999	<b>ASA-50-400HN</b>	1/2" x 3 3/4"	2 1/4"	25
78205153351	<b>ASA-50-525HN</b>	1/2" x 5 1/4"	2 1/4"	25
78101103002	<b>ASA-50-600HN</b>	1/2" x 6"	2 1/4"	10
78101103003	<b>ASA-62-225HN</b>	5/8" x 2 1/2"	2 1/8"	25
78101103004	<b>ASA-62-300HN</b>	5/8" x 3"	2 3/4"	25
78101103005	<b>ASA-62-425HN</b>	5/8" x 4 1/4"	2 3/4"	10
78101103006	<b>ASA-62-600HN</b>	5/8" x 5 3/4"	2 3/4"	10
78101103007	<b>ASA-75-250HN</b>	3/4" x 2 3/4"	2 1/8"	10
78101103008	<b>ASA-75-425HN</b>	3/4" x 4 1/4"	3 3/8"	10
78101103009	<b>ASA-75-625HN</b>	3/4" x 6 1/4"	3 3/8"	10

**Hex Nut Style - Stainless Steel**

78205153343	<b>ASA-37-187HNSS4</b>	3/8" x 17/8"	1 5/8"	50
78205153345	<b>ASA-37-300HNSS4</b>	3/8" x 3"	1 5/8"	50
78205153347	<b>ASA-50-225HNSS4</b>	1/2" x 2 1/2"	2 1/8"	25
78205153349	<b>ASA-50-300HNSS4</b>	1/2" x 3"	2 1/4"	25
78205153350	<b>ASA-50-400HNSS4</b>	1/2" x 3 3/4"	2 1/4"	25
78205153352	<b>ASA-62-425HNSS4</b>	5/8" x 4 1/4"	2 3/4"	10

**Acom Nut Style**

78205153341	<b>ASA-25-62AN</b>	1/4" x 5/8"	1/2"	100
78101102991	<b>ASA-25-137AN</b>	1/4" x 1 3/8"	1 1/8"	100
78101102992	<b>ASA-25-225AN</b>	1/4" x 2 1/4"	1 1/8"	100

**Slotted Round Head Style**

78205153338	<b>ASA-25-112RS</b>	1/4" x 1 3/8"	1"	100
78205153340	<b>ASA-25-200RS</b>	1/4" x 2 1/4"	1 1/8"	100

UPC/Part Number	Catalog Number	Size	Drill Diameter	Box Qty.
<b>Rod Hanger</b>				
78205153339	<b>ASA-25-150RH</b>	1/4" x 1 1/2"	5/16"	50
78205153344	<b>ASA-37-187RH</b>	3/8" x 17/8"	3/8"	50
78205153348	<b>ASA-50-225RH</b>	1/2" x 2 1/4"	1/2"	25
<b>Wire Hanger</b>				
78205153342	<b>ASA-31-150WH</b>	5/16" x 2 3/8"	5/16"	100

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