

Wedge Expansion Anchors

- Heavy and medium duty all purpose anchor.
- For use in solid concrete and grout filled block.
- Anchors can be installed through the fixture, no need for hole spotting.
- Wire hanger hole size $\frac{9}{32}$ " diameter, head height $\frac{3}{4}$ ".
- UL & FM approved.
- Available in Zinc Plated Carbon Steel or Type 304 Stainless Steel.



Wedge Expansion Anchor - Data	1/4"	3/8"	1/2"	5/8"
ANSI Drill Bit Size (in.)	1/4	3/8	1/2	5/8
Fixture Clearance Hole (in.)	5/16	7/16	9/16	11/16
Thread Size (UNC)	1/4"-20	3/8"-16	1/2"-13	5/8"-11
Washer O.D. (in.)	5/8	13/16	1 1/16	1 3/4
Wrench Size	7/16	9/16	3/4	15/16
Max. Tightening Torque (ft-lbs)	8	28	60	90
Min. Embedment Depth (in.)	1 1/8	1 5/8	2 1/4	2 3/4
Load Capacity Tension (lbs) *	415	775	1200	1570
Load Capacity Shear (lbs) *	325	635	1050	1705

Wire Hanger Wedge Anchor - Data	1/4"
ANSI Drill Bit Size (in.)	1/4
Min. Embedment Depth (in.)	1 1/8
Head Height (in.)	3/4
Load Capacity Tension (lbs) *	360
Load Capacity Shear (lbs) *	405

UPC/Part Number	Catalog Number	Size	Hole Size	Box Qty.
Wire Hanger				
78101103106	AWA-25-200WH	1/4" x 2"	9/32"	100

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

>Carbon steel anchors ICC Listed, ESR 2818, qualified for seismic and wind loading in concrete.

>Carbon steel anchors ICC Listed, ESR 2966, qualified for wind and seismic loading in grouted masonry.

>Stainless steel anchors ICC Listed, ESR 2502, qualified for seismic and wind loading in concrete.

Read safety/installation instruction sheets in packages before use.

Wedge Expansion Anchors

UPC/Part Number	Catalog Number	Size	Thread Length	Box Qty.
Wedge Anchor				
78101103068	AWA-25-175	1/4" x 1 3/4"	3/4"	100
78101103069	AWA-25-225	1/4" x 2 1/4"	1 1/4"	100
78101103070	AWA-25-325	1/4" x 3 1/4"	2 1/4"	100
78101103071	AWA-37-225	3/8" x 2 1/4"	1 1/4"	50
78101103072	AWA-37-275	3/8" x 2 3/4"	1 5/8"	50
78101103073	AWA-37-300	3/8" x 3"	1 7/8"	50
78205153364	AWA-37-350	3/8" x 3 1/2"	2 3/8"	50
78101103074	AWA-37-375	3/8" x 3 3/4"	2 5/8"	50
78101103075	AWA-37-500	3/8" x 5"	3 7/8"	50
78205153366	AWA-50-275	1/2" x 2 3/4"	1 3/8"	50
78101103077	AWA-50-375	1/2" x 3 3/4"	2 3/8"	50
78205145636	AWA-50-450	1/2" x 4 1/2"	3 1/8"	50
78101103079	AWA-50-550	1/2" x 5 1/2"	4 1/8"	50
78101103080	AWA-50-700	1/2" x 7"	5 5/8"	25
78101103081	AWA-62-275	5/8" x 3 1/2"	2"	25
78101103082	AWA-62-375	5/8" x 4 1/2"	3"	25
78101103083	AWA-62-450	5/8" x 5"	3 1/2"	25
78101103084	AWA-62-550	5/8" x 6"	4 1/2"	25
78101103085	AWA-62-700	5/8" x 7"	5 1/2"	25
Wedge Anchor - Stainless Steel				
78101103146	AWA-25-175SS4	1/4" x 1 3/4"	3/4"	100
78101103147	AWA-25-225SS4	1/4" x 2 1/4"	1 1/4"	100
78101103148	AWA-25-325SS4	1/4" x 3 1/4"	2 1/4"	100
78101103149	AWA-37-225SS4	3/8" x 2 1/4"	1 1/4"	50
78101103150	AWA-37-275SS4	3/8" x 2 3/4"	1 5/8"	50
7810110151	AWA-37-300SS4	3/8" x 3"	1 7/8"	50
78205153365	AWA-37-350SS4	3/8" x 3 1/2"	2 3/8"	50
78101103152	AWA-37-375SS4	3/8" x 3 3/4"	2 5/8"	50
78101103153	AWA-37-500SS4	3/8" x 5"	3 7/8"	50
78101103154	AWA-50-275SS4	1/2" x 2 3/4"	1 3/8"	50
78101103155	AWA-50-375SS4	1/2" x 3 3/4"	2 3/8"	50
78205153367	AWA-50-450SS4	1/2" x 4 1/2"	3 1/8"	50
78101103157	AWA-50-550SS4	1/2" x 5 1/2"	4 1/8"	50
78205153368	AWA-50-700SS4	1/2" x 7"	5 5/8"	25
78205153369	AWA-62-275SS4	5/8" x 3 1/2"	2"	25
78205153370	AWA-62-375SS4	5/8" x 4 1/2"	3"	25
78205153779	AWA-62-450SS4	5/8" x 5"	3 1/2"	25
78205153371	AWA-62-550SS4	5/8" x 6"	4 1/2"	25
78205143044	AWA-62-700SS4	5/8" x 7"	5 1/2"	25

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