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 9/32" diameter, head height 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**	¼" x 1¾"	¾"	100
78101103069	**AWA-25-225**	¼" x 2¼"	1¼"	100
78101103070	**AWA-25-325**	¼" x 3¼"	2¼"	100
78101103071	**AWA-37-225**	⅜" x 2¼"	1¼"	50
78101103072	**AWA-37-275**	⅜" x 2¾"	1⅝"	50
78101103073	**AWA-37-300**	⅜" x 3"	1⅞"	50
78205153364	**AWA-37-350**	⅜" x 3½"	2⅜"	50
78101103074	**AWA-37-375**	⅜" x 3¾"	2⅝"	50
78101103075	**AWA-37-500**	⅜" x 5"	3⅞"	50
78205153366	**AWA-50-275**	½" x 2¾"	1⅜"	50
78101103077	**AWA-50-375**	½" x 3¾"	2⅜"	50
78205145636	**AWA-50-450**	½" x 4½"	3⅛"	50
78101103079	**AWA-50-550**	½" x 5½"	4⅛"	50
78101103080	**AWA-50-700**	½" x 7"	5⅝"	25
78101103081	**AWA-62-350**	⅝" x 3½"	2"	25
78101103082	**AWA-62-450**	⅝" x 4½"	3"	25
78101103083	**AWA-62-500**	⅝" x 5"	3½"	25
78101103084	**AWA-62-600**	⅝" x 6"	4½"	25
78101103085	**AWA-62-700**	⅝" x 7"	5½"	25
Wedge Anchor - Stainless Steel				
78101103146	**AWA-25-175SS4**	¼" x 1¾"	¾"	100
78101103147	**AWA-25-225SS4**	¼" x 2¼"	1¼"	100
78101103148	**AWA-25-325SS4**	¼" x 3¼"	2¼"	100
78101103149	**AWA-37-225SS4**	⅜" x 2¼"	1¼"	50
78101103150	**AWA-37-275SS4**	⅜" x 2¾"	1⅝"	50
7810110151	**AWA-37-300SS4**	⅜" x 3"	1⅞"	50
78205153365	**AWA-37-350SS4**	⅜" x 3½"	2⅜"	50
78101103152	**AWA-37-375SS4**	⅜" x 3¾"	2⅝"	50
78101103153	**AWA-37-500SS4**	⅜" x 5"	3⅞"	50
78101103154	**AWA-50-275SS4**	½" x 2¾"	1⅜"	50
78101103155	**AWA-50-375SS4**	½" x 3¾"	2⅜"	50
78205153367	**AWA-50-450SS4**	½" x 4½"	3⅛"	50
78101103157	**AWA-50-550SS4**	½" x 5½"	4⅛"	50
78205153368	**AWA-50-700SS4**	½" x 7"	5⅝"	25
78205153369	**AWA-62-350SS4**	⅝" x 3½"	2"	25
78205153370	**AWA-62-450SS4**	⅝" x 4½"	3"	25
78205153779	**AWA-62-500SS4**	⅝" x 5"	3½"	25
78205153371	**AWA-62-600SS4**	⅝" x 6"	4½"	25
78205143044	**AWA-62-700SS4**	⅝" x 7"	5½"	25

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