

Seismic Wedge Anchors

- Fully threaded, torque-controlled, wedge anchor which is designed for consistent performance in cracked and uncracked concrete.
- For use in concrete, structural sand lightweight concrete, and concrete over metal deck.
- Nominal drill bit size is the same as the anchor diameter.
- ICC-ES listed, ESR-2502, Category 1
- Zinc plated carbon steel body with stainless steel expansion clip from premium performance.
- Qualified for seismic and wind loading.



Anchors

Seismic Wedge Anchor - Data	3/8"	1/2"	5/8"	3/4"
ANSI Drill Bit Size (in.)	3/8	1/2	5/8	3/4
Fixture Clearance Hole (in.)	7/16	9/16	11/16	13/16
Minimum Hole Depth (in.)	2 ⁵ / ₈	2 ³ / ₄	4 ¹ / ₄	5
Minimum Concrete Thickness (in.)	4	4 ¹ / ₂	5 ³ / ₄	7
Max. Tightening Torque (ft-lbs)	20	40	60	110
Min. Embedment Depth (in.)	2 ³ / ₈	2 ¹ / ₂	3 ⁷ / ₈	4 ¹ / ₂
Loading Capacity Tension (lbs.)*	1175	1410	2925	3625
Loading Capacity Shear (lbs.)*	1445	1520	3810	5855

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

* Based on cracked concrete with a compressive strength of 4000 psi. These loads were converted from Factored Design Strengths assuming 50% dead load and 50% live load, and a controlling load combination 1.2D + 1.6L.

Read safety/installation instruction sheets in packages before use.

Seismic Wedge Anchors

UPC/Part Number	Catalog Number	Size	Thread Length	Box Qty.
Seismic Wedge Anchor				
78205153398	AWSD-37-300	3/8" X 3"	1 3/4"	50
78205153399	AWSD-37-350	3/8" X 3 1/2"	2 1/4"	50
78205153400	AWSD-37-375	3/8" X 3 3/4"	2 1/2"	50
78205153401	AWSD-37-500	3/8" X 5"	3 3/4"	50
78205153402	AWSD-50-375	1/2" X 3 3/4"	2 1/8"	50
78205153403	AWSD-50-450	1/2" X 4 1/2"	2 7/8"	50
78205153404	AWSD-50-550	1/2" X 5 1/2"	3 7/8"	50
78205153405	AWSD-50-700	1/2" X 7"	5 3/8"	50
78205153406	AWSD-62-475	5/8" X 4 3/4"	2 7/8"	25
78205153407	AWSD-62-500	5/8" X 5"	3 1/8"	25
78205153408	AWSD-62-600	5/8" X 6"	4 1/8"	25
78205153409	AWSD-62-700	5/8" X 7"	5 1/8"	25
78205153410	AWSD-75-550	3/4" X 5 1/2"	3 1/4"	20
78205153411	AWSD-75-625	3/4" X 6 1/4"	4"	20
78205153425	AWSD-75-700	3/4" X 7"	4 3/4"	20

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