

Wedge 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.
- **UL** (Underwriters Laboratories) Listed
- **FM** (Factory Mutual) Approved
- Available in Zinc Plated Carbon Steel or Type 304 Stainless Steel.

† Not ICC-ES Certified



Wedge 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	3/4"-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

* Based on concrete compression strength of 4,000 psi using applied safety factor of 4.

Catalog Number	Size	Thread Length
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Zinc Plated Carbon Steel

AWA-25-175	1/4" x 1 3/4"	3/4"
AWA-25-225	1/4" x 2 1/4"	1 1/4"
AWA-25-325	1/4" x 3 1/4"	2 1/4"
AWA-37-225	3/8" x 2 1/4"	1 1/4"
AWA-37-275	3/8" x 2 3/4"	1 5/8"
AWA-37-300	3/8" x 3"	1 7/8"
AWA-37-350	3/8" x 3 1/2"	2 3/8"
AWA-37-375	3/8" x 3 3/4"	2 5/8"
AWA-37-500	3/8" x 5"	3 7/8"
AWA-50-275	1/2" x 2 3/4"	1 3/8"
AWA-50-375	1/2" x 3 3/4"	2 3/8"
AWA-50-450	1/2" x 4 1/2"	3 1/8"
AWA-50-550	1/2" x 5 1/2"	4 1/8"
AWA-50-700	1/2" x 7"	5 5/8"
AWA-62-275	5/8" x 3 1/2"	2"
AWA-62-375	5/8" x 4 1/2"	3"
AWA-62-450	5/8" x 5"	3 1/2"
AWA-62-550	5/8" x 6"	4 1/2"
AWA-62-700	5/8" x 7"	5 1/2"

Stainless Steel

AWA-25-175SS4	1/4" x 1 3/4"	3/4"
AWA-25-225SS4	1/4" x 2 1/4"	1 1/4"
AWA-25-325SS4	1/4" x 3 1/4"	2 1/4"
AWA-37-225SS4	3/8" x 2 1/4"	1 1/4"
AWA-37-275SS4	3/8" x 2 3/4"	1 5/8"
AWA-37-300SS4	3/8" x 3"	1 7/8"
AWA-37-350SS4	3/8" x 3 1/2"	2 3/8"
AWA-37-375SS4	3/8" x 3 3/4"	2 5/8"
AWA-37-500SS4	3/8" x 5"	3 7/8"
AWA-50-275SS4	1/2" x 2 3/4"	1 3/8"
AWA-50-375SS4	1/2" x 3 3/4"	2 3/8"
AWA-50-450SS4	1/2" x 4 1/2"	3 1/8"
AWA-50-550SS4	1/2" x 5 1/2"	4 1/8"
AWA-50-700SS4	1/2" x 7"	5 5/8"
AWA-62-275SS4	5/8" x 3 1/2"	2"
AWA-62-375SS4	5/8" x 4 1/2"	3"
AWA-62-450SS4	5/8" x 5"	3 1/2"
AWA-62-550SS4	5/8" x 6"	4 1/2"
AWA-62-700SS4	5/8" x 7"	5 1/2"

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 but size is the same as the anchor diameter.
- **ICC-ES Listed**, ESR-2502, Category 1.
- **UL** (Underwriters Laboratories) Listed
- **FM** (Factory Mutual) Approved
- Zinc Plated Carbon Steel with stainless steel expansion clip for premium performance.

Consult factory for sizes and other information.



Reference page 254 for general fitting and standard finish specifications.