

- Wedge
- Full Thread
- Zinc Plated

Wedge anchors can be installed through the fixture. Assemble nut and washer until the nut is flush with the top of the anchor and insert into predrilled hole. Anchor is hammered into hole until the washer is flush with surface of the fixture. Expand the anchor by tightening the nut. It has good shear values. ICBO approved.



CAT NO	UPC	ANCHOR HOLE DIA	OVERALL LENGTH	THREAD LENGTH	STD	MSTR	WT/STD	UNIT
W14134	59300	1/4-20	1-3/4"	3/4"	100	1000	3.22#	C
W14214	59302	1/4-20	2-1/4"	1-1/4"	100	1000	3.73#	C
W14314	59304	1/4-20	3-1/4"	2-1/4"	100	1000	4.81#	C
W38214	59306	3/8-16	2-1/4"	1-1/8"	100	1000	8.44#	C
W38234	59307	3/8-16	2-3/4"	1-1/2"	100	500	9.67#	C
W38300	59308	3/8-16	3"	1-3/4"	100	500	10.25#	C
W38334	59310	3/8-16	3-3/4"	2-1/2"	100	500	12.04#	C
W38500	59311	3/8-16	5"	3-1/2"	50	250	7.72#	C
W12234	59312	1/2-13	2-3/4"	1-1/2"	50	250	9.53#	C
W12334	59313	1/2-13	3-3/4"	2-1/4"	50	250	11.51#	C
W12400	59314	1/2-13	4-1/4"	2-3/4"	50	250	12.72#	C
W12512	59316	1/2-13	5-1/2"	3-1/4"	25	100	7.78#	C

- Wedge
- Full Thread
- Stainless Steel

Stainless Steel Wedge Anchors resist corrosion and are ideal for applications where chemical resistance is required. Stainless can be mildly magnetic. ICBO approved.



CAT NO	UPC	ANCHOR HOLE DIA	OVERALL LENGTH	THREAD LENGTH	STD	MSTR	WT/STD	UNIT
WS14134	70310	1/4-20	1-3/4"	3/4"	100	1000	3.22#	C
WS14214	70312	1/4-20	2-1/4"	1-1/4"	100	1000	3.78#	C
WS14314	70314	1/4-20	3-1/4"	2-1/4"	100	1000	4.76#	C
WS38214	70320	3/8-16	2-1/4"	1-1/8"	100	1000	8.15#	C
WS38234	70322	3/8-16	2-3/4"	1-1/2"	100	500	9.51#	C
WS38300	70324	3/8-16	3"	1-3/4"	100	500	9.85#	C
WS38334	70326	3/8-16	3-3/4"	2-1/2"	100	500	11.04#	C
WS38500	70328	3/8-16	5"	3-1/2"	50	250	7.22#	C
WS12234	70340	1/2-13	2-3/4"	1-1/2"	50	250	9.32#	C
WS12334	70342	1/2-13	3-3/4"	2-1/4"	50	250	10.02#	C
WS12400	70344	1/2-13	4-1/4"	2-3/4"	50	250	11.41#	C
WS12512	70346	1/2-13	5-1/2"	3-1/4"	25	100	7.75#	C

SELECTION & INSTALLATION

Choosing Proper Anchor Length:

- 3/4" length of nut (approx. 1/2" bolt dia.)
- Nut & washer thickness (approx. 1" bolt dia.)
- Fixture thickness
- Minimum embedment (min. 4" bolt dia.)

Minimum Anchor Length

If minimum anchor length falls between 2 sizes, use larger size.

The maximum recommended anchor embedment should be 80% of the base material thickness. If a concrete slab is 10" thick, an 8" depth would be the maximum recommended anchor embedment.

Installation Steps:

- Use a particle of (ANSI) steel 1/2" the same size as the bolt diameter until hole deeper than bolt embedment (see A-B dia.) Do not use open bits. Maintain correct hole size.
- Clean hole walls.
- Add washer and thread nut flush with top of bolt. Drive bolt into hole through nut to be fastened.
- Tighten nut to 4 ft-lb torque or consult chart for guide installation torque.

NOTE: Using in concrete must use 28 days old freshly mixed anchor strength.

WARNING: WEAR SAFETY GOGGLES.

TERMINOLOGY

