

A New Standard in Cracked-Concrete Wedge Anchors

While it installs like a standard wedge anchor, the Strong-Bolt® 2 wedge anchor offers performance that is anything but standard. The Strong-Bolt 2 anchor combines the innovative tri-segmented clip design of the original Strong-Bolt® anchor with a special high-strength alloy to outperform many other cracked-concrete wedge anchors.

The Strong-Bolt 2 wedge anchor is classified as a Category 1* anchor, the highest reliability rating achievable, and is qualified for cracked and uncracked concrete in static or seismic loading conditions per ICC-ES ESR-3037. The Strong-Bolt 2 anchor is code-listed by IAPMO UES ER-240 for grout-filled CMU, and is available in carbon steel and type 316 stainless steel.

MATERIAL: Carbon steel stud with special alloy clip; type 316 stainless steel stud with stainless steel clip

FINISH: Zinc plated (carbon steel)

CODES: ICC-ES ESR-3037 (concrete); IAPMO ES ER-240 (grout-filled CMU); City of Los Angeles RR25891 (concrete); Underwriters Laboratories File Ex3605; Factory Mutual 3043442; Florida – FL15731

TEST CRITERIA: The Strong-Bolt 2 wedge anchor has been tested in accordance with the ICC-ES Acceptance Criteria for Mechanical Anchors in Concrete Elements (AC 193) and ACI 355.2 for the following**:

- Static tension and shear loading in cracked and uncracked concrete
- Seismic and wind loading in cracked and uncracked concrete
- Performance in cracked concrete
- Performance in lightweight concrete over metal deck

* 1" diameter is Category 2

** excludes 1/4" diameter

SUITABLE FOR A WIDE RANGE OF APPLICATIONS



Cable Tray



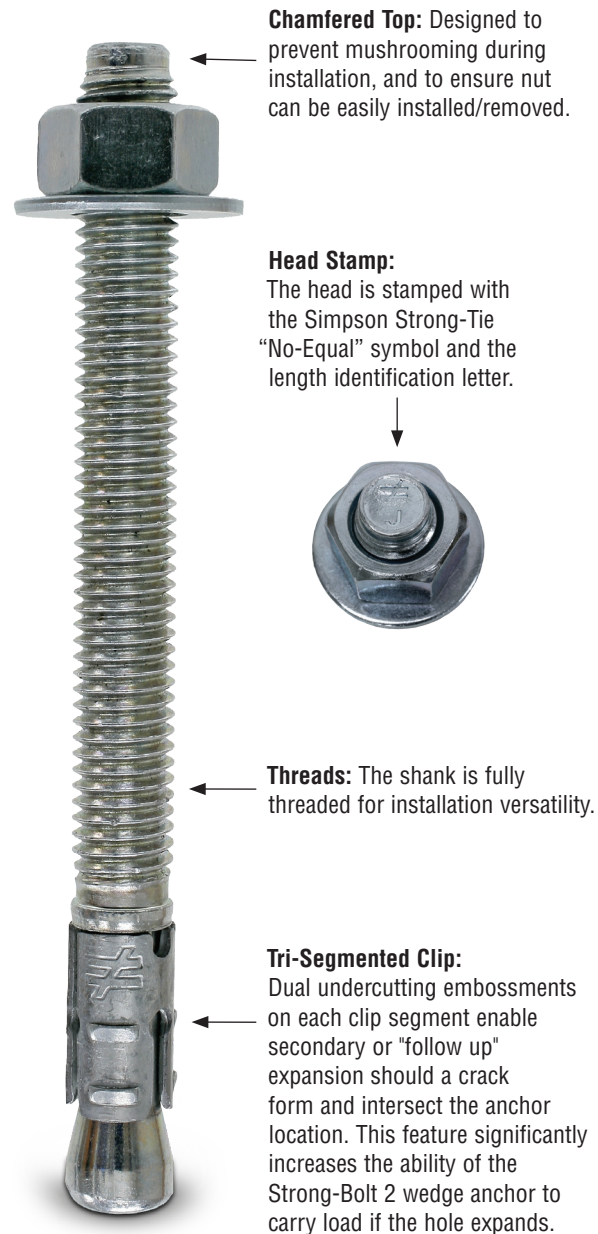
Warehouse Racking



Electrical Equipment



Seismic Bracing





Proven Performance and Application Versatility



IDEAL FOR MECHANICAL, ELECTRICAL AND PLUMBING (MEP) APPLICATIONS

The 3/8" diameter Strong-Bolt® 2 anchor is a versatile code-listed solution for MEP contractors. The fully-threaded stud is suited for many MEP applications including: hanging pipe, pipe bracing and strut, equipment anchorage and other overhead attachments.



STAINLESS STEEL FOR CORROSIVE ENVIRONMENTS

Coastal regions, water and sewage treatment facilities, food processing facilities, pulp and paper mills, and many other high exposure areas and industries

Strong-Bolt® 2 Anchor Product Data

Size (in.)	Carbon Steel Model No.	316 Stainless Steel Model No.	Drill Bit Dia. (in.)	Thread Length (in.)	Quantity	
					Box	Carton
1/4 x 1 3/4	STB2-25134	STB2-251346SS	1/4	1 1/16	100	500
1/4 x 2 1/4	STB2-25214	STB2-252146SS	1/4	1 7/16	100	500
1/4 x 3 1/4	STB2-25314	STB2-253146SS	1/4	2 1/16	100	500
3/8 x 2 3/4	STB2-37234	STB2-372346SS	3/8	1 5/16	50	250
3/8 x 3	STB2-37300	STB2-373006SS	3/8	1 9/16	50	250
3/8 x 3 1/2	STB2-37312	STB2-373126SS	3/8	2 1/16	50	250
3/8 x 3 3/4	STB2-37334	STB2-373346SS	3/8	2 5/16	50	250
3/8 x 5	STB2-37500	STB2-375006SS	3/8	3 3/16	50	200
3/8 x 7	STB2-37700	STB2-377006SS	3/8	5 3/16	50	200
1/2 x 3 3/4	STB2-50334	STB2-503346SS	1/2	2 1/16	25	125
1/2 x 4 1/4	STB2-50414	STB2-504146SS	1/2	2 9/16	25	100
1/2 x 4 3/4	STB2-50434	STB2-504346SS	1/2	3 1/16	25	100
1/2 x 5 1/2	STB2-50512	STB2-505126SS	1/2	3 13/16	25	100
1/2 x 7	STB2-50700	STB2-507006SS	1/2	5 5/16	25	100
1/2 x 8 1/2	STB2-50812	STB2-508126SS	1/2	6	25	50
1/2 x 10	STB2-50100	STB2-501006SS	1/2	6	25	50
5/8 x 4 1/2	STB2-62412	STB2-624126SS	5/8	2 7/16	20	80
5/8 x 5	STB2-62500	STB2-625006SS	5/8	2 15/16	20	80
5/8 x 6	STB2-62600	STB2-626006SS	5/8	3 15/16	20	80
5/8 x 7	STB2-62700	STB2-627006SS	5/8	4 15/16	20	80
5/8 x 8 1/2	STB2-62812	STB2-628126SS	5/8	6	20	40
5/8 x 10	STB2-62100	STB2-621006SS	5/8	6	10	20
3/4 x 5 1/2	STB2-75512	STB2-755126SS	3/4	3 3/16	10	40
3/4 x 6 1/4	STB2-75614	STB2-756146SS	3/4	3 15/16	10	40
3/4 x 7	STB2-75700	STB2-757006SS	3/4	4 11/16	10	40
3/4 x 8 1/2	STB2-75812	STB2-758126SS	3/4	6	10	20
3/4 x 10	STB2-75100	STB2-751006SS	3/4	6	10	20
1 x 7	STB2-100700	-	1	3 1/2	5	20
1 x 10	STB2-1001000	-	1	3 1/2	5	10
1 X 13	STB2-1001300	-	1	3 1/2	5	10

require a high strength and corrosion resistant anchor. The Strong-Bolt 2 anchor in type 316 stainless steel provides superior corrosion resistance and high-strength performance. The type 316 stainless-steel Strong-Bolt 2 anchor is available in 1/4", 3/8", 1/2", 5/8" and 3/4" diameters.

Material Specifications

Carbon Steel - Zinc Plated ¹			
Component Materials			
Anchor Body	Nut	Washer	Clip
Carbon Steel	Carbon Steel ASTM A 563, Grade A	Carbon Steel ASTM F844	Carbon Steel ASTM A 568

1. Zinc meets ASTM B 633, Class SC 1 (Fe / Zn 5), Type III.

Stainless Steel			
Component Materials			
Anchor Body	Nut	Washer	Clip
Type 316 Stainless Steel	Type 316 Stainless Steel	Type 316 Stainless Steel	Type 316 Stainless Steel



Download our Free Anchor Selector™ for ACI 318 at www.strongtie.com/software



This product printed using recycled paper with 30% post consumer waste.

This flier is effective until December 31, 2014, and reflects information available as of December 1, 2012. This information is updated periodically and should not be relied upon after December 31, 2014; contact Simpson Strong-Tie for current information and limited warranty or see www.strongtie.com.

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