



Trubolt® Wedge Anchors

Dependable, Heavy-Duty, Inspectable, Wedge Type Expansion Anchor

Description/suggested specifications

Wedge Type Anchors

Specified for anchorage into concrete.

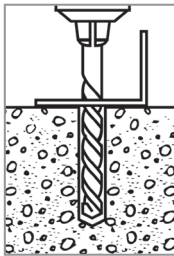
Wedge anchors feature a type 18-8 stainless steel split expansion ring and a threaded stud bolt body and integral cone expander, nut and washer. Anchor bodies are made of plated carbon steel, hot-dipped galvanized carbon steel, type 304 stainless steel or type 316 stainless steel as identified in the drawings or other notations.

The exposed end of the anchor is stamped to identify anchor length. Stampings should be preserved during installation for any subsequent embedment verification.

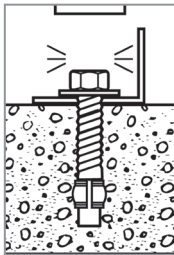
Use carbide tipped hammer drill bits made in accordance to ANSI B212.15-1994 to install anchors.

Anchors are tested to ASTM E488 criteria and listed by ICBO and SBCCI. Anchors are listed by the following agencies as required by the local building code: UL, FM, City of Los Angeles, California State Fire Marshal and Cal Trans.

Installation Steps



Using a bit whose diameter equal the anchor diameter, drill hole to any depth exceeding the minimum embedment. Clean hole.



Assemble anchor with nut and washer so that the top of the nut is flush with the top of the anchor. Drive anchor through material to be fastened so that nut and washer are flush with surface of material.



Expand anchor by tightening nut 3 to 5 turns, or to the specific torque requirement (see selection chart).

Sizes

| TruBolt Removable Anchors Selection Chart | | | | | | | | | | |
|-------------------------------------------|-------------------------------------------------|----------------------------|--------------------------------------------------|---------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|
| Thread Length In. (mm) | Anchor Dia. & Drill Bit Size (threads per inch) | Overall Length In. (mm) | Thickness of material to be fastened In. (mm) | Qty/Wt per box lbs. | Qty/wt per master carton lbs. | Max. | | | | |
| | | | | | | Zinc Plating | Hot-Dipped Galvanized | 304 Stainless Steel | 316 Stainless Steel | |
| 3/4 (19.1) | 1/4" - 20 | 1-3/4 (44.5) | 3/8 (9.5) | 100/ 3.1 | 1000/ 32 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 1-1/4 (31.8) | | 2-1/4 (57.2) | 7/8 (22.2) | 100/ 3.6 | 1000/ 37 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2-1/4 (57.2) | | 3-1/4 (82.6) | 1-7/8 (47.6) | 100/ 4.7 | 800/ 39 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 1-1/8 (28.6) | 3/8" - 16 | 2-1/4 (57.2) | 3/8 (9.5) | 50/ 4.1 | 500/ 41 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 1-5/8 (41.3) | | 2-3/4 (69.9) | 7/8 (22.2) | 50/ 4.7 | 400/ 39 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 1-7/8 (47.6) | | 3 (76.2) | 1-1/8 (28.6) | 50/ 5.0 | 400/ 41 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2-5/8 (66.7) | | 3-3/4 (95.3) | 1-7/8 (47.6) | 50/ 5.9 | 300/ 36 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2-3/4 (69.9) | | 5 (127.0) | 3-1/8 (79.4) | 50/ 7.4 | 250/ 38 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2-1/4 (57.2) | | 7 (177.8) | 5-1/8 (130.2) | 50/10.4 | 250/ 53 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 1-1/4 (31.8) | 1/2" - 13 | 2-3/4 (69.9) | 1/8 (3.2) | 25/ 4.6 | 200/ 38 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2-1/4 (57.2) | | 3-3/4 (95.3) | 1 (25.4) | 25/ 5.7 | 150/ 35 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2-3/4 (69.9) | | 4-1/4 (108.0) | 1-1/2 (38.1) | 25/ 6.2 | 150/ 38 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3 (76.2) | | 4-1/2 (114.3) | 1-3/4 (44.5) | 25/ 6.5 | 150/ 39 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3 (76.2) | | 5-1/2 (139.7) | 2-3/4 (69.9) | 25/ 7.7 | 150/ 47 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 4-1/2 (114.3) | | 7 (177.8) | 4-1/4 (108.0) | 25/ 9.3 | 150/ 57 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 1-3/4 (44.5) | 5/8" - 11 | 3-1/2 (88.9) | 1/8 (3.2) | 10/ 3.6 | 100/ 37 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2-1/2 (63.5) | | 4-1/4 (108.0) | 7/8 (22.2) | 10/ 4.1 | 100/ 42 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3-1/4 (82.6) | | 5 (127.0) | 1-5/8 (41.3) | 10/ 4.7 | 100/ 48 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3-1/2 (88.9) | | 6 (152.4) | 2-5/8 (66.7) | 10/ 5.4 | 50/ 28 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 4-1/2 (114.3) | | 7 (177.8) | 3-5/8 (92.1) | 10/ 6.2 | 30/ 19 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3-1/2 (88.9) | | 8-1/2 (215.9) | 5-1/8 (130.2) | 10/ 8.0 | 30/ 25 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 1-3/4 (44.5) | 10 (254.0) | 6-5/8 (168.3) | 10/ 9.4 | 30/ 29 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| 1-3/4 (44.5) | 3/4" - 10 | 4-1/4 (108.0) | 1/4 (31.8) | 10/ 6.8 | 60/ 42 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2-1/4 (57.2) | | 4-3/4 (120.7) | 3/4 (19.1) | 10/ 7.4 | 60/ 45 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3 (76.2) | | 5-1/2 (139.7) | 1-1/2 (38.1) | 10/ 8.1 | 50/ 41 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3-3/4 (95.3) | | 6-1/4 (158.8) | 2-1/4 (57.2) | 10/ 9.1 | 30/ 28 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 4-1/2 (114.3) | | 7 (177.8) | 3 (76.2) | 10/ 9.7 | 30/ 30 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3-1/2 (88.9) | | 8-1/2 (215.9) | 4-1/2 (114.3) | 10/12.3 | 30/ 38 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 1-3/4 (44.5) | 10 (254.0) | 6 (152.4) | 10/14.0 | 30/ 43 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| 1-3/4 (44.5) | 12 (304.8) | 8 (203.2) | 10/16.6 | 30/ 51 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| 2-1/2 (63.5) | 7/8" - 9 | 6 (152.4) | 1-3/8 (34.9) | 5/ 6.3 | 25/ 32 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2-1/2 (63.5) | | 8 (203.2) | 3-3/8 (85.7) | 5/ 8.1 | 15/ 25 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2-1/2 (63.5) | | 10 (254.0) | 5-3/8 (136.5) | 5/ 9.8 | 15/ 30 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2-1/2 (63.5) | 1" - 8 | 6 (152.4) | 1/2 (12.7) | 5/ 8.3 | 25/ 43 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2-1/2 (63.5) | | 9 (228.6) | 3-1/2 (88.9) | 5/11.6 | 15/ 36 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2-1/2 (63.5) | | 12 (304.8) | 6-1/2 (165.1) | 5/15.0 | 15/ 46 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3-1/2 (88.9) | 1-1/4" - 7 | 9 (228.6) | 5-1/4 (133.4) | 5/18.0 | 15/ 55 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Tie Wire | | | | | | | | | | |
| N/A | 1/4" - 20 | 2-3/16 (55.6) | 9/32 (7.1) | 100/ 3.6 | 1000/ 36 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |

Meets ASTM B633 SC1, Type III specifications for electroplating of 5um = .0002" thickness. This material is well suited for non-corrosive environments.