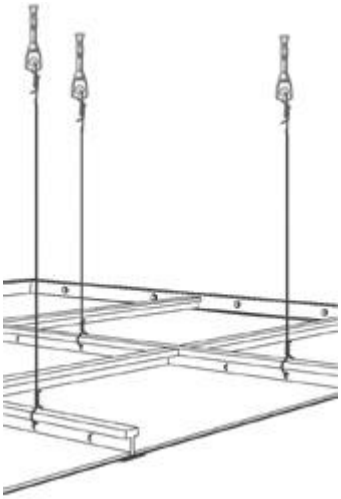
Trubolt Wedge

SELECTION CHART

Trubolt Carbon Steel with Zinc Plating	**Meets ASTM B633 SC1, Type III specifications for electroplating of 5um = .0002" thickness. This material is well suited for non-corrosive environments.**						
 Typical Applications Structural Columns,Machinery, Equiment, etc. **Environment** Interior (non-corrosive) **Level of Corrosion** Low	**PART NUMBER**	**THREAD LENGTH In. (mm)**	**ANCHOR DIA. In. (mm) & DRILL BIT DIA. In. (mm)**	**OVERALL LENGTH In. (mm)**	**MAX. THICKNESS OF MATERIALS TO BE FASTENED In. (mm)**	**QTY/WT PER BOX lbs.**	**QTY/WT PER MASTER CARTON lbs.**
	WS-1416 WS-1422 WS-1432	3/4 (19.1) 1-1/4 (31.8) 2-1/4 (57.2)	1/4" - 20	1-3/4 (44.5) 2-1/4 (57.2) 3-1/4 (82.6)	3/8 (9.5) 7/8 (22.2) 1-7/8 (47.6)	100/3.1 100/3.6 100/4.7	1000/32 1000/37 800/39
	WS-3822 WS-3826 WS-3830 WS-3836 WS-3850 WS-3870	1-1/8 (28.6) 1-5/8 (41.3) 1-3/4 (44.5) 2-1/2 (63.5) 3-3/4 (95.2) 3-7/8 (98.4)	3/8" - 16	2-1/4 (57.2) 2-3/4 (69.9) 3 (76.2) 3-3/4 (95.3) 5 (127.0) 7 (177.8)	3/8 (9.5) 7/8 (22.2) 1-1/8 (28.6) 1-7/8 (47.6) 3-1/8 (79.4) 5-1/8 (130.2)	50/4.1 50/4.7 50/5.0 50/5.9 50/7.4 50/10.4	500/41 400/39 400/41 300/36 250/38 250/53
Tie Wire Wedge for hanging suspended ceiling	WS-1226 WS-1236 WS-1242 WS-1244 WS-1254 WS-1270	1-1/4 (31.8) 2-1/4 (57.2) 2-3/4 (69.9) 3 (76.2) 4 (101.6) 5-1/2 (139.7)	1/2" - 13	2-3/4 (69.9) 3-3/4 (95.3) 4-1/4 (108.0) 4-1/2 (114.3) 5-1/2 (139.7) 7 (177.8)	1/8 (3.2) 1 (25.4) 1-1/2 (38.1) 1-3/4 (44.5) 2-3/4 (69.9) 4-1/4 (108.0)	25/4.6 25/5.7 25/6.2 25/6.5 25/7.7 25/9.3	200/38 150/35 150/38 150/39 150/47 150/57
	WS-5834 WS-5842 WS-5850 WS-5860 WS-5870 WS-5884 WS-58100	1-3/4 (44.5) 2-1/2 (63.5) 3-1/4 (82.6) 4-1/4 (107.9) 5-1/4 (133.4) 5-3/4 (146.0) 5-3/4 (146.0)	5-8" - 11	3-1/2 (88.9) 4-1/4 (108.0) 5 (127.0) 6 (152.4) 7 (177.8) 8-1/2 (215.9) 10 (254.0)	1/8 (3.2) 7/8 (22.2) 1-5/8 (41.3) 2-5/8 (66.7) 3-5/8 (92.1) 5-1/8 (130.2) 6-5/8 (168.3)	10/3.6 10/4.1 10/4.7 10/5.4 10/6.2 10/8.0 10/9.4	100/37 100/42 100/48 50/28 30/19 30/25 30/29
	WS-3442 WS-3446 WS-3454 WS-3462 WS-3470 WS-3484 WS-34100 WS-34120	2-3/8 (60.3) 2-7/8 (73.0) 3-5/8 (92.1) 4-3/8 (111.1) 5-1/8 (130.2) 5-3/4 (146.0) 5-3/4	3/4" - 10	4-1/4 (108.0) 4-3/4 (120.7) 5-1/2 (139.7) 6-1/4 (158.8) 7 (177.8) 8-1/2 (215.9)	1/4 (31.8) 3/4 (19.1) 1-1/2 (38.1) 2-1/4 (57.2) 3 (76.2) 4-1/2 (114.3) 6 (152.4) 8 (203.2)	10/6.8 10/7.4 10/8.1 10/9.1 10/9.7 10/12.3 10/14.0 10/16.6	60/42 60/45 50/41 30/28 30/30 30/38 30/43 30/51

		(146.0) 1-3/4 (44.5)		10 (254.0) 12 (304.8)			
	WS-7860 WS-7880 WS-78100	2-1/2 (63.5) 2-1/2 (63.5) 2-1/2 (63.5)	7/8" - 9	6 (152.4) 8 (203.2) 10 (254.0)	1-3/8 (34.9) 3-3/8 (85.7) 5-3/8 (136.5)	5/6.3 5/8.1 5/9.8	25/32 15/25 15/30
	WS-10060 WS-10090 WS-100120	2-1/2 (63.5) 2-1/2 (63.5) 2-1/2 (63.5)	1" - 8	6 (152.4) 9 (228.6) 12 (304.8)	1/2 (12.7) 3-1/2 (88.9) 6-1/2 (165.1)	5/8.3 5/11.6 5/15.0	25/43 15/36 15/46
	TIE WIRE						
	TW-1400 TW-1400K	N/A N/A	1/4"	2-1/8 (54.0) 2-1/8 (54.0)	9/32-hole (7.1) 9/32-hole (7.1)	100/3.6 BULK	1000/36 1500/73

Trubolt Carbon Steel with Hot-Dipped Galvanizing

Meets ASTM A153 Class specifications for hot-dipped galvanizing > 45um = .002". It is highly recommended for damp, humid environments near coastal regions. Hot-dipped galvanized Trubolts have a coating thickness of zinc that is almost 10 times as thick as electroplaing. This creates greater corrosion resistance at a minimal cost.

Typical Applications
Railings, Signage, Awnings,etc.
Environmnet
Rural/Suburban (exterior enviornment - essentially unpolluted areas)
Level of Corrosion
Low to Medium

PART NUMBER	THREAD LENGTH In. (mm)	ANCHOR DIA. In. (mm) & DRILL BIT DIA. In. (mm)	OVERALL LENGTH In. (mm)	MAX. THICKNESS OF MATERIALS TO BE FASTENED In. (mm)	QTY/WT PER BOX lbs.	QTY/WT PER MASTER CARTON lbs.
WS-1226G WS-1242G WS-1254G WS-1270G	1-1/4 (31.8) 2-3/4 (69.9) 4 (101.6) 5-1/2 (139.7)	1/2" - 13	2-3/4 (69.9) 4-1/4 (108.0) 5-1/2 (139.7) 7 (177.8)	1/8 (3.2) 1-1/2 (38.1) 2-3/4 (69.9) 4-1/4 (108.0)	25/4.8 25/6.7 25/8.0 25/9.7	200/39 150/ 41 150/49 150/59
WS-5834G WS-5860G	1-3/4 (44.5) 4-1/4 (107.9)	5/8" - 11	3-1/2 (88.9) 6 (152.4)	1/8 (3.2) 2-5/8 (66.7)	10/3.7 10/5.6	100/38 50/29
WS-3446G WS-3454G WS-3484G	2-7/8 (73.0) 3-5/8 (92.1) 5-3/4 (146.0)	3/4" - 10	4-3/4 (120.7) 5-1/2 (139.7) 8-1/2 (215.9)	3/4 (19.1) 1-1/2 (38.1) 4-1/2 (114.3)	10/7.5 10/8.4 10/12.5	60/46 50/42 30/38

Trubolt Type 304 Stainless Steel

Serves many applications well. It withstands rusting in architectural and food processing environments and resists organic chemicals, dye stuffs and many inorganic chemicals.

PART	THREAD	ANCHOR DIA.	OVERALL	MAX.	QTY/ WT	QTY/ WT

Typical Applications Cladding, Stadium Seating, etc. **Environment** Urban (slight to moderate degree of pollution) **Level of Corrosion** Medium	NUMBER	LENGTH In. (mm)	& DRILL BIT SIZE (THREADS) PER INCH	LENGTH In. (mm)	THICKNESS OF MATERIAL TO BE FASTENED In. (mm)	PER BOX Lbs.	PER MASTER CARTON Lbs.
	WW-1416 WW-1422 WW-1432	3/4 (19.1) 1-1/4 (31.8) 2-1/4 (57.2)	1/4" - 20	1-3/4 (44.5) 2-1/4 (57.2) 3-1/4 (82.6)	3/8 (9.5) 7/8 (22.2) 1-7/8 (47.6)	100/3.2 100/3.7 100/4.8	1000/32 1000/37 800/39
	WW-3822 WW-3826 WW-3830 WW-3836 WW-3850	1-1/8 (28.6) 1-5/8 (41.3) 1-3/4 (44.5) 2-1/2 (63.5) 3-3/4 (95.3)	3/8" - 16	2-1/4 (57.2) 2-3/4 (69.9) 3 (76.2) 3-3/4 (95.3) 5 (127.0)	3/8 (9.5) 7/8 (22.2) 1-1/8 (28.6) 1-7/8 (47.6) 3-1/8 (79.4)	50/4.1 50/4.8 50/5.1 50/6.0 50/7.5	500/41 400/39 400/42 300/37 250/39
	WW-1226 WW-1236 WW-1242 WW-1254 WW-1270	1-1/4 (31.8) 2-1/4 (57.2) 2-3/4 (69.9) 3 (76.2) 3-1/2 (88.9)	1/2" - 13	2-3/4 (69.9) 3-3/4 (95.3) 4-1/4 (108.0) 5-1/2 (139.7) 7 (177.8)	1/8 (3.2) 1 (25.4) 1-1/2 (38.1) 2-3/4 (69.9) 4-1/4 (108.0)	25/4.7 25/5.8 25/6.3 25/7.7 25/9.4	200/38 150/36 150/39 150/47 150/57
	WW-5834 WW-5842 WW-5850 WW-5860 WW-5870 WW-5884	1-3/4 (44.5) 2-1/2 (63.5) 3-1/4 (82.6) 4-1/4 (107.9) 3-1/2 (88.9) 3-1/2 (88.9)	5/8" - 11	3-1/2 (88.9) 4-1/4 (108.0) 5 (127.0) 6 (152.4) 7 (177.8) 8-1/2 (215.9)	1/8 (3.2) 7/8 (22.2) 1-5/8 (41.3) 2-5/8 (66.7) 3-5/8 (92.1) 5-1/8 (130.2)	10/3.6 10/4.2 10/4.8 10/5.5 10/6.2 10/8.0	100/37 100/43 100/49 50/28 30/20 30/25
	WW-3442 WW-3446 WW-3454 WW-3470 WW-3484 WW-34100	2-3/8 (60.3) 2-7/8 (73.0) 3-5/8 (92.1) 3-1/2 (88.9) 3-1/2 (88.9) 1-3/4 (44.5)	3/4" - 10	4-1/4 (108.0) 4-3/4 (120.7) 5-1/2 (139.7) 7 (177.8) 8-1/2 (215.9) 10 (254.0)	1/4 (1.6) 3/4 (19.1) 1-1/2 (38.1) 3 (76.2) 4-1/2 (114.3) 6 (152.4)	10/6.8 10/6.7 10/7.5 10/9.2 10/12.3 10/13.5	60/42 60/41 50/38 30/28 30/38 30/42
	WW-10060 WW-10090	2-1/2 (63.5) 2-1/2 (63.5)	1" - 8	6 (152.4) 9 (228.6)	1/2 (12.7) 3-1/2 (88.9)	5/8.3 5/11.4	25/43 15/35
	* For continuous extreme low temperature applications, use stainless steel.						

Trubolt Type 316 Stainless Steel

Contains more nickel and chromium than Type 304, and 2% - 3% molybdenum, which gives it better corrosion resistance. It is especially more effective in chloride environments that tend to cause pitting.

PART NUMBER	THREAD LENGTH In. (mm)	ANCHOR DIA. & DRILL BIT SIZE (THREADS) PER INCH	OVERALL LENGTH In. (mm)	MAX. THICKNESS OF MATERIAL TO BE FASTENED In. (mm)	QTY/ WT PER BOX Lbs.	QTY/ WT PER MASTER CARTON Lbs.
SWW-1422 SWW-1432	1-1/4 (31.8) 2-1/4 (57.2)	1/4" - 20	2-1/4 (57.2) 3-1/4 (82.6)	7/8 (22.2) 1-1/8 (28.6)	100/3.7 100/4.8	1000/37 1000/39
SWW-	1-1/8	3/8" - 16	2-1/4 (57.2)	3/8 (9.5)	50/4.1	500/41

Typical Applications Pumps, Diffusers, Gates, Weir Plates, etc. **Environment** Industrial (moderate to heavy atmospheric pollution) **Level of Corrosion** Medium to High	3822 SWW-3826 SWW-3830 SWW-3836 SWW-3850	(28.6) 1-5/8 (41.3) 1-3/4 (44.5) 2-1/2 (63.5) 3-3/4 (95.3)		2-3/4 (69.9) 3 (76.2) 3-3/4 (95.5) 5 (127.0)	7/8 (22.2) 1-1/8 (28.6) 1-7/8 (47.6) 3-1/8 (79.4)	50/4.8 50/5.2 50/6.0 50/7.5	400/39 400/42 300/37 250/39
 Typical Applications Tunnels, Dams, Tiles, Lighting Fixtures, etc. **Environment** Marine (heavy atmospheric pollution) **Level of Corrosion** High	SWW-1226 SWW-1236 SWW-1242 SWW-1254	1-1/4 (31.8) 2-1/4 (57.2) 2-3/4 (69.9) 3 (76.2)	1/2" - 13	2-3/4 (69.9) 3-3/4 (95.3) 4-1/4 (108.0) 5-1/2 (139.7)	1/8 (3.2) 1 (25.4) 1-1/2 (38.1) 2-3/4 (69.9)	25/4.7 25/5.8 25/6.5 25/7.8	200/39 150/36 150/40 150/48
	SWW-5842 SWW-5850 SWW-5870	2-1/2 (63.5) 3-1/4 (82.6) 3-1/2 (88.9)	5/8" - 11	4-1/4 (108.0) 5 (127.0) 7 (177.8)	7/8 (22.2) 1-5/8 (41.3) 3-5/8 (92.1)	10/4.2 10/ 4.8 10/6.7	100/43 100/49 30/21
	SWW-3446 SWW-3454	2-1/4 (57.2) 3 (76.2)	3/4" - 10	4-3/4 (120.7) 5-1/2 (139.7)	3/4 (19.1) 1-1/2 (38.1)	10/6.8 10/8.1	60/41 50/41

* For continuous extreme low temperature applications, use stainless steel.