

Screw Anchors

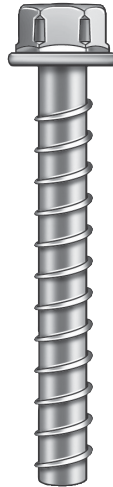
- Steel
- Drill bit size = anchor dia.
- Hex washer head

High-strength heavy-duty anchors are for use in both cracked and uncracked concrete. Easily installed with

standard-size drill bits; removable, for temporary anchoring. Vibration- and shock-resistant. For use in fastening conveyors, pallet racking, racking guards, motors, bracing, piping, ladders, fencing, beams, angles, or dimensional lumber to concrete or masonry.



Anchor Dia.	Length	Min. Embedment	Max. Work Thickness	In 4000 psi Concrete		Item No.	Pkg. Qty.
				Ultimate Tension (lb.)	Ultimate Shear (lb.)		
Approved Vendor							
1/4 in	1 3/4 in	1 3/8 in	3/4 in	1,025 lb	2,680 lb	4XFX4	100
	2 1/4 in	1 3/8 in	1/2 in	1,025 lb	2,680 lb	4XFX5	50
	3 in	1 3/8 in	1 1/4 in	1,025 lb	2,680 lb	4XFX6	50
3/8 in	1 3/4 in	2 in	3/4 in	4,248 lb	8,240 lb	4XFX7	50
	2 1/2 in	2 in	1 in	4,248 lb	8,240 lb	4XFX8	50
	3 in	2 in	5/8 in	4,248 lb	8,240 lb	2MCP2	50
1/2 in	4 in	2 in	1 3/8 in	4,248 lb	8,240 lb	2MCP3	50
	3 in	2 in	—	4,758 lb	9,070 lb	2MCP5	25
	6 in	2 in	3/4 in	4,758 lb	9,070 lb	2MCP8	20
5/8 in	4 in	2 in	—	4,689 lb	12,147 lb	32H808	10
	5 in	2 in	—	4,689 lb	12,147 lb	32H809	10
	6 in	2 in	—	4,689 lb	12,147 lb	32H810	10
3/4 in	4 1/2 in	2 1/2 in	2 in	7,042 lb	14,145 lb	2MCR4	10
DeWalt							
1/4 in	1 3/4 in	1 in	3/4 in	1,400 lb	1,755 lb	411D35	100
	1 3/4 in	1 in	3/4 in	1,400 lb	1,755 lb	411D36	100
	2 3/4 in	1 1/4 in	1 1/4 in	2,955 lb	1,755 lb	411D37	100
3/8 in	2 5/8 in	1 in	1 5/8 in	2,955 lb	1,755 lb	411D38	100
	3 in	1 in	2 in	3,855 lb	2,140 lb	411D39	100
	1 3/4 in	1 1/2 in	3/4 in	2,880 lb	3,890 lb	411D40	50
1/2 in	2 1/2 in	1 1/2 in	1 in	4,020 lb	4,735 lb	411D41	50
	3 in	1 1/2 in	1 1/2 in	4,020 lb	4,735 lb	411D42	50
	3 in	1 1/2 in	1 1/2 in	4,020 lb	4,735 lb	411D64	50
5/8 in	4 in	1 1/2 in	2 1/2 in	8,130 lb	6,930 lb	411D43	50
	4 in	1 1/2 in	2 1/2 in	8,130 lb	6,930 lb	411D65	50
	5 in	1 1/2 in	3 1/2 in	11,945 lb	6,930 lb	411D44	50
3/4 in	5 in	1 1/2 in	3 1/2 in	11,945 lb	6,930 lb	411D66	50
	6 in	1 1/2 in	4 1/2 in	11,945 lb	6,930 lb	411D45	50
	6 in	1 1/2 in	4 1/2 in	11,945 lb	6,930 lb	411D67	50
1/2 in	2 in	1 3/4 in	3/4 in	3,115 lb	6,555 lb	411D46	50
	2 1/2 in	1 3/4 in	3/4 in	3,115 lb	6,555 lb	411D47	50
	3 in	1 3/4 in	1 1/4 in	7,320 lb	8,800 lb	411D48	50
3/8 in	4 in	1 3/4 in	2 1/4 in	7,320 lb	8,800 lb	411D49	50
	4 in	1 3/4 in	2 1/4 in	7,320 lb	8,800 lb	411D68	50
	5 in	1 3/4 in	3 1/4 in	14,525 lb	10,290 lb	411D50	25
5/8 in	5 in	1 3/4 in	3 1/4 in	14,525 lb	10,290 lb	411D69	25
	6 in	1 3/4 in	4 1/4 in	17,235 lb	10,290 lb	411D51	25
	6 in	1 3/4 in	4 1/4 in	17,235 lb	10,290 lb	411D70	25
3/4 in	8 in	1 3/4 in	6 1/4 in	17,235 lb	10,290 lb	411D52	25
	8 in	1 3/4 in	6 1/4 in	17,235 lb	10,290 lb	411D71	25
	3 in	2 1/2 in	1 1/2 in	6,285 lb	11,630 lb	411D53	25
5/8 in	4 in	2 1/2 in	1 1/2 in	10,685 lb	13,220 lb	411D54	25
	5 in	2 1/2 in	2 1/2 in	10,685 lb	13,220 lb	411D55	25
	5 in	2 1/2 in	2 1/2 in	10,685 lb	13,220 lb	411D72	25
3/4 in	6 in	2 1/2 in	3 1/2 in	15,830 lb	14,980 lb	411D56	25
	6 in	2 1/2 in	3 1/2 in	15,830 lb	14,980 lb	411D73	25
	8 in	2 1/2 in	5 1/2 in	22,475 lb	14,980 lb	411D57	25
1/2 in	8 in	2 1/2 in	5 1/2 in	22,475 lb	14,980 lb	411D74	25
	3 in	2 1/2 in	1 1/2 in	6,610 lb	12,725 lb	411D58	20
	4 in	2 1/2 in	1 1/2 in	6,610 lb	12,725 lb	411D59	20
3/8 in	5 in	2 1/2 in	2 1/2 in	13,035 lb	18,685 lb	411D60	20
	6 in	2 1/2 in	3 1/2 in	20,835 lb	18,685 lb	411D61	20
	6 in	2 1/2 in	3 1/2 in	20,835 lb	18,685 lb	411D75	20
1/4 in	8 in	2 1/2 in	5 1/2 in	22,450 lb	18,685 lb	411D62	10
	8 in	2 1/2 in	5 1/2 in	22,450 lb	18,685 lb	411D76	10
	10 in	2 1/2 in	7 1/2 in	22,450 lb	18,685 lb	411D63	10



Large-Diameter Tapcon Self-Threading Anchors

- Grade 5 zinc-plated, hardened steel

Removable structural screw anchors are for high-load capacity applications. Use in concrete and masonry and in dry, noncorrosive environments. Install with standard masonry drill bits.

Anchor Dia.	Length	Min. Embedment	Max. Work Thickness	In 4000 psi Concrete		Item No.	Pkg. Qty.
				Ultimate Tension (lb.)	Ultimate Shear (lb.)		
Hex Washer							
1/4 in	1 3/4 in	1 1/2 in	3/4 in	1,900 lb	3,400 lb	4BU93	50
	2 1/2 in	1 1/2 in	1/2 in	2,552 lb	3,420 lb	4BU94	50
	3 in	1 1/2 in	1 1/2 in	3,312 lb	3,424 lb	4BU95	50
3/8 in	4 in	1 1/2 in	2 1/2 in	7,852 lb	3,459 lb	4BU96	50
	5 in	1 1/2 in	3 1/2 in	8,500 lb	3,500 lb	4BU97	40
	3 in	2 in	1 1/2 in	5,644 lb	7,380 lb	4BU98	25
1/2 in	4 in	2 in	1 1/2 in	8,836 lb	8,140 lb	4BU99	25
	5 in	2 in	2 1/2 in	10,488 lb	8,550 lb	4BY10	25
	6 in	2 in	4 in	12,000 lb	9,000 lb	4BY11	20
3/4 in	3 in	2 3/4 in	3/4 in	7,845 lb	13,475 lb	4BY12	10
	4 in	2 3/4 in	1 1/4 in	11,722 lb	14,059 lb	4BY13	10
	5 in	2 3/4 in	2 1/4 in	16,891 lb	14,839 lb	4BY14	10
5/8 in	6 in	2 3/4 in	3 1/4 in	18,500 lb	14,600 lb	4BY15	10
	4 1/2 in	3 1/4 in	1 1/4 in	12,636 lb	14,314 lb	4BY16	10
	5 1/2 in	3 1/4 in	2 1/4 in	18,541 lb	16,212 lb	4BY17	10
3/4 in	6 1/4 in	3 1/4 in	3 in	23,266 lb	25,560 lb	4BY18	10



Hex Washer Head



Masonry Anchors

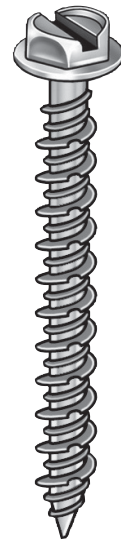
- For wood-to-concrete applications

Easy-to-install anchors can be quickly removed. Notched high-low threads cut into masonry for greater stability and pull-out values.

Tapered shank provides a wedging action for a strong, reliable hold. Accommodate close-to-edge applications. Superior pull-out and shear strengths.

Note: Not recommended for use with aluminum when moisture may be present.

Anchor Dia.	Length	HEX WASHER HEAD Item No.	FLAT PHILLIPS HEAD Item No.
Approved Vendor, 410 Stainless Steel, Silver Rustpet			
1/4 in	1 1/4 in	4XFY1	4XFY8
	1 3/4 in	4XFY2	4XFY9
	2 1/4 in	4XFY3	4XFZ1
	2 3/4 in	4XFY4	4XFZ2
	3 1/4 in	4XFY5	4XFZ3
3/4 in	3 3/4 in	4XFY6	4XFZ4
	4 in	4XFY7	4XFZ5
Approved Vendor, Low Carbon Steel, Zinc Yellow			
#8	1 in	15W113	15W118
	1 1/4 in	15W114	15W119
	1 1/2 in	15W115	15W120
	3/4 in	15W121	15W131
	1 in	15W122	15W132
1/4 in	1 1/4 in	15W123	15W133
	1 1/2 in	15W124	15W134
	2 in	15W125	15W135
	2 1/2 in	15W126	15W136
	3 in	15W127	15W137
3/4 in	3 1/2 in	15W128	15W138
	4 1/2 in	15W130	15W140
Tapcon Red Head, 410 Stainless Steel			
1/4 in	1 1/4 in	15X492	15X498
	1 3/4 in	15X493	15X499
	2 1/4 in	15X494	15X501
	2 3/4 in	15X495	15X502
	3 1/4 in	15X496	—
3 3/4 in	15X497	15X504	—



Hex Washer Head



Flat, Phillips Head

Anchor Bolts

- Tensile strength: 60,000 psi

Include nut and washer. Meet ASTM A307 standard.

Anchor Thread Size	Overall Length	Plain			Hot Dipped Galvanized			Zinc Plated		
		Anchor Length	Item No.	Pkg. Qty.	Anchor Length	Item No.	Pkg. Qty.	Anchor Length	Item No.	Pkg. Qty.
3/8"-16	6 in	6 in	11K382	25	6 in	21Y486	50	—	—	—
	8 in	8 in	11K383	25	8 in	21Y487	50	—	—	—
	6 in	6 in	11K384	25	6 in	21Y488	50	—	—	—
	8 in	8 in	11K385	25	8 in	21Y489	50	—	—	—
1/2"-13	8 in	8 in	21Y445	50	—	—	—	—	—	—
	10 in	10 in	11M966	25	10 in	21Y464	50	—	—	—
	12 in	—	—	—	12 in	21Y465	50	12 in	11M967	25
	14 in	14 in	21Y448	50	14 in	21Y466	50	—	—	—
5/8"-11	16 in	—	—	—	16 in	21Y467	50	—	—	—
	18 in	18 in	21Y450	50	18 in	21Y468	50	—	—	—
	8 in	8 in	—	—	8 in	21Y469	25	—	—	—
	10 in	10 in	21Y451	25	10 in	21Y470	25	—	—	—
3/4"-10	12 in	12 in	21Y452	25	12 in	21Y471	25	—	—	—
	18 in	18 in	21Y453	25	18 in	21Y473	25	—	—	—
	8 in	8 in	21Y454	20	—	—	—	—	—	—
	12 in	12 in	21Y455	20	12 in	21Y474	20	—	—	—
1"-8	15 in	—	—	—	15 in	21Y475	20	—	—	—
	16 in	16 in	21Y456	20	16 in	21Y476	20	—	—	—
	18 in	18 in	21Y457	20	18 in	21Y477	20	—	—	—
	24 in	24 in	21Y458	20	24 in	21Y478	20	—	—	—
30 in	12 in	—	—	—	12 in	21Y481	10	—	—	—
	18 in	18 in	21Y460	10	18 in	21Y483	10	—	—	—
	24 in	—	—	—	24 in	21Y484	10	—	—	—
	30 in	30 in	21Y462	10	—	—	—	—	—	—
36 in	—	—	—	36 in	21Y485	10	—	—	—	

