



## 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.	Anchor Dia.	Length	HEX WASHER HEAD Item No.	FLAT, PHILLIPS HEAD Item No.
<b>Approved Vendor, Stainless Steel</b>				<b>Tapcon Red Head, Stainless Steel</b>			
¼ in	1 ¼ in	4XFY1	4XFY8	¼ in	1 ¼ in	15X492	15X498
	1 ¾ in	4XFY2	4XFY9		1 ¾ in	15X493	15X499
	2 ¼ in	4XFY3	4XFZ1		2 ¼ in	15X494	15X501
	2 ¾ in	4XFY4	4XFZ2		2 ¾ in	15X495	15X502
	3 ¼ in	4XFY5	4XFZ3		3 ¼ in	15X496	—
	3 ¾ in	4XFY6	4XFZ4		3 ¾ in	15X497	15X504
<b>Approved Vendor, Steel</b>				<b>Tapcon Red Head, Steel</b>			
#8	1 in	15W113	15W118	¾ in	1 ¼ in	4AK81	—
	1 ¼ in	15W114	15W119		1 ¾ in	4AK82	—
	1 ½ in	15W115	15W120		2 ¼ in	4AK83	—
	1 ¾ in	15W121	15W131		2 ¾ in	4AK84	—
	2 in	15W122	15W132		3 ¼ in	4AK85	—
	2 ¼ in	15W123	15W133		3 ¾ in	4AK86	—
¼ in	1 in	15W124	15W134	½ in	1 ¼ in	4AK87	—
	1 ¼ in	15W125	15W135		1 ¾ in	4AK88	—
	1 ½ in	15W126	15W136		2 ¼ in	4AK89	—
	1 ¾ in	15W127	15W137		2 ¾ in	4AK90	—
	2 in	15W128	15W138		3 ¼ in	4AK91	—
	2 ¼ in	15W130	15W140		3 ¾ in	4AK92	—
				4 in	15X486	—	



Hex Washer Head



Flat, Phillips Head



## 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 Thickness	Max. Work Tension (lb.)	Ultimate Tension (lb.)	Concrete Shear (lb.)	Item No.	Pkg. Qty.
<b>Hex Washer</b>							
¾ in	1 ¼ in	1 ½ in	¼ in	1,900 lb	3,400 lb	48U93	50
	2 ½ in	1 ½ in	½ in	2,552 lb	3,420 lb	48U94	50
	3 in	1 ½ in	1 ½ in	3,312 lb	3,424 lb	48U95	50
	4 in	1 ½ in	2 ½ in	7,852 lb	3,459 lb	48U96	50
½ in	5 in	1 ½ in	3 ½ in	8,500 lb	3,500 lb	48U97	40
	3 in	2 in	½ in	5,644 lb	7,380 lb	48U98	25
	4 in	2 in	1 ½ in	8,836 lb	8,140 lb	48U99	25
	5 in	2 in	2 ½ in	10,488 lb	8,550 lb	48Y10	25
¾ in	6 in	2 in	4 in	12,000 lb	9,000 lb	48Y11	20
	3 in	2 ¾ in	¼ in	7,845 lb	13,475 lb	48Y12	10
	4 in	2 ¾ in	1 ¼ in	11,722 lb	14,059 lb	48Y13	10
	5 in	2 ¾ in	2 ¼ in	16,891 lb	14,839 lb	48Y14	10
½ in	6 in	2 ¾ in	3 ¼ in	18,500 lb	14,600 lb	48Y15	10
	4 ½ in	3 ¼ in	1 ¼ in	12,636 lb	14,314 lb	48Y16	10
	5 ½ in	3 ¼ in	2 ¼ in	18,541 lb	20,612 lb	48Y17	10
	6 ¼ in	3 ¼ in	3 in	23,266 lb	25,560 lb	48Y18	10



## Anchor Bolts

- Tensile strength: 60,000 psi

Include nut and washer. Meet ASTM A307 standard.

Anchor Thread Size	Overall Length	Anchor Length	Plain Item No.	Pkg. Qty.	Hot Dipped Galvanized Item No.	Pkg. Qty.
¾"-16	6 in	6 in	11K382	25	6 in	21Y486
	8 in	8 in	11K383	25	8 in	21Y487
	6 in	8 in	11K384	25	8 in	21Y488
	8 in	8 in	11K385	25	8 in	21Y463
	8 in	8 in	21Y445	1	—	—
½"-13	10 in	10 in	11M966	25	10 in	21Y464
	12 in	—	—	—	12 in	21Y465
	14 in	14 in	21Y448	50	14 in	21Y466
	16 in	—	—	—	16 in	21Y467
	18 in	18 in	21Y450	50	18 in	21Y468
¾"-11	8 in	—	—	—	8 in	21Y469
	10 in	10 in	21Y451	1	10 in	21Y470
	12 in	12 in	21Y452	1	12 in	21Y471
	18 in	18 in	21Y453	1	18 in	21Y473
	8 in	8 in	21Y454	1	—	—
¾"-10	12 in	12 in	21Y455	1	12 in	21Y474
	15 in	—	—	—	15 in	21Y475
	16 in	16 in	21Y456	1	16 in	21Y476
	18 in	18 in	21Y457	1	18 in	21Y477
	24 in	24 in	21Y458	1	24 in	21Y478
1"-8	12 in	—	—	—	12 in	21Y481
	18 in	18 in	21Y460	1	18 in	21Y483
	24 in	—	—	—	24 in	21Y484
	30 in	30 in	21Y462	1	—	—
	36 in	—	—	—	36 in	21Y485



Crimp-Drive

Split-Drive

Hammer Drive



Mushroom Head



Tie-Wirehead



Flat Head

## Crimp, Hammer, and Split-Drive Anchors

Tamper-resistant light- to medium-duty anchors allow hammer-in installation and multiple head configurations. Install in concrete, grout-filled block, and stone.

Duplex-head anchors are for temporary fastening and can be removed using a claw hammer. Sup-R-Coat electroplate and galvanized finishes are for use in corrosive environments, or with ACQ lumber.

Anchor Dia.	Anchor Length	Min. Embedment	Anchor Head Style	Item No.	Pkg. Qty.
<b>Crimp Drive Anchor, Strong-Tie</b>					
¾ in	1 ¼ in	1 ¼ in	Rod Coupler	4XGA8	100
	2 in	1 ¼ in	Mushroom	4XFZ7	100
	1 ½ in	1 ¼ in	Mushroom	4XGA10	100
	1 ½ in	1 ½ in	Rod Coupler	4XGA9	50
¼ in	1 ¼ in	¾ in	Mushroom	4XFZ9	100
	1 ½ in	1 ½ in	Tie-Wire	4XGC1	100
	1 in	¾ in	Mushroom	4XFZ8	100
	2 ½ in	1 ¼ in	Mushroom	4XGA3	100
	2 in	1 ¼ in	Mushroom	4XGA2	100
	3 in	1 ¼ in	Mushroom	4XGA7	100
¾ in	3 in	1 ¾ in	Mushroom	4XGA6	25
	<b>Hammer Drive Pin Anchor, DeWalt</b>				
¾ in	1 ½ in	¾ in	Flat	453H31	100
	1 ½ in	¾ in	Mushroom	453G83	100
	1 ½ in	¾ in	Mushroom	453H12	100
	1 ½ in	1 ¼ in	Flat	453H23	100
	1 ¼ in	¾ in	Mushroom	453H11	100
	1 ½ in	1 ½ in	Tie-Wire	453H22	100
	1 in	¾ in	Mushroom	453G82	100
	1 in	¾ in	Mushroom	453H10	100
	2 ½ in	¾ in	Flat	453H33	100
	2 ½ in	¾ in	Mushroom	453G84	100
	2 ½ in	¾ in	Flat	453H01	100
	2 in	¾ in	Flat	453H32	100
½ in	2 in	¾ in	Mushroom	453H13	100
	2 in	1 ¼ in	Flat	453H24	100
	3 ½ in	¾ in	Mushroom	453G86	100
	2 in	¾ in	Flat	453H34	100
	3 in	¾ in	Mushroom	453G85	100
	3 in	¾ in	Mushroom	453H05	100
	3 in	¾ in	Flat	453H02	100
	4 in	¾ in	Mushroom	453G87	100
	4 in	¾ in	Mushroom	453H03	100
	1 ½ in	1 in	Flat	453H04	100
	1 ½ in	1 in	Mushroom	453H15	100
	1 ¼ in	1 ½ in	Round	453H26	100
1 ¼ in	1 in	Mushroom	453H14	100	
1 ¾ in	1 ½ in	Tie-Wire	453H35	500	
1 ¾ in	1 ½ in	Tie-Wire	453H36	100	
2 ½ in	1 in	Flat	453H06	100	
¼ in	2 ½ in	1 in	Mushroom	453H17	100
	2 in	1 in	Flat	453H05	100
	2 in	1 in	Mushroom	453H16	100
	3 ½ in	1 in	Mushroom	453G88	100
	3 ½ in	1 in	Flat	453H08	100
	3 in	1 in	Flat	453H07	100
	3 in	1 in	Mushroom	453H18	100
	4 in	1 in	Mushroom	453G89	100
4 in	1 in	Flat	453H09	100	

**Crimp Drive**—Preformed curvature along shaft expands to secure anchor. Installs with a standard hammer into concrete and grout-filled block.

**Sup-R-Split Hammer Drive**—High-strength, heat-treated 1-pc. steel anchors are hammer-drive, friction-set; can be used for attaching wood or forming to solid concrete.

Note: Not approved for use in seismic applications.

**Split-Drive**—Install in concrete, grout-filled block, and stone. Duplex-head anchors are designed for temporary fastening and can be removed by using a claw hammer.

Anchor Dia.	Anchor Length	Min. Embedment	Anchor Head Style	Item No.	Pkg. Qty.	
¾ in	2 ½ in	1 ½ in	Round	453H28	25	
	2 ½ in	1 ¾ in	Mushroom	453G90	25	
	2 ½ in	1 ¾ in	Mushroom	453H20	25	
	2 in	1 ½ in	Round	453H27	25	
	2 in	1 ¾ in	Mushroom	453H19	25	
	3 ½ in	1 ½ in	Round	453H29	25	
	3 ½ in	1 ¾ in	Mushroom	453G91	25	
	3 in	1 ¾ in	Mushroom	453H21	25	
	4 in	1 ¾ in	Mushroom	453G92	25	
	5 in	1 ¾ in	Mushroom	453G93	25	
	6 in	1 ¾ in	Mushroom	453G94	25	
	2 ¾ in	2 ½ in	Mushroom	453G95	50	
½ in	3 ½ in	2 ½ in	Mushroom	453G96	50	
	3 in	2 ¾ in	Round	453H30	25	
	4 in	2 ½ in	Mushroom	453G97	25	
	5 in	2 ½ in	Mushroom	453G98	25	
	6 ½ in	2 ½ in	Mushroom	453G99	25	
<b>Split-Drive Anchor, Strong-Tie</b>						
¼ in	1 ½ in	1 ¼ in	Countersunk	4XGC9	100	
	2 ½ in	1 ¼ in	Countersunk	4XGD2	100	
	2 in	1 ¼ in	Countersunk	4XGD1	100	
	3 ½ in	1 ¼ in	Countersunk	4XGD4	100	
	3 in	1 ¼ in	Countersunk	4XGD3	100	
	3 in	1 ¼ in	Duplex	4XGD8	100	
	4 in	1 ¼ in	Countersunk	4XGD5	100	
	4 in	1 ¼ in	Countersunk	4XGD7	100	
	<b>Sup-R-Split Hammer Drive Anchor, MKT Fastening</b>					
	¼ in	1 ½ in	1 ½ in	Flat	4KJAB	100
		2 ½ in	1 ½ in	Flat	4KJCI	100
		2 ¾ in	1 ½ in	Duplex	4KJCS	100
2 in		1 ½ in	Flat	4KJAC	100	
3 ½ in		1 ½ in	Flat	4KJCD	100	
3 ½ in		1 ½ in	Flat	4KJCB	100	
3 in		1 ½ in	Flat	4KJCC	100	
3 in		1 ½ in	Flat	4KJCE	100	
4 in		1 ½ in	Flat	4KJCA	100	