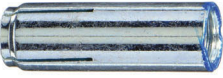




Drop-In Anchor, Flanged



Drop-In Anchor, Non-Flanged



Drop-In Anchors, Tools, and Kits

- Drop-in anchor setting tool must be purchased separately (see table)

For use in pipe hanging, mounting valve and pipe, machinery mounting, anchoring shelf, and insulation applications, in concrete materials or solid concrete base materials.

Note: For load capacities in structural lightweight aggregate concrete, refer to ICBO Report number 1372. Safe working loads for single installations under static loading should not exceed 25% of the ultimate load conditions.

Description	Item No.
DeWalt	
DI+ Stop Drill Bit	
Smart Bit for 1/2", Bit Dia. 5/8"	46U172
Smart Bit for 3/4", Bit Dia. 1"	46U170
Smart Bit for 1", Bit Dia. 1 1/2"	46U171
DI+ System Setting Tool	
Use With Rod/Anchor Size 1/2", Pin length 1 3/16"	46U169
Use With Rod/Anchor Size 3/4", Pin length 3/4"	46U167
Use With Rod/Anchor Size 1", Pin length 5/8"	46U168
Tapcon	
2 Cutters	
3/8 in Bit Hammer Drill	4CG28
Depth Charge Stop Drill Bits	
5/8 in Bit Hammer Drill	4CG29

Drop-In Anchor Type	Anchor Material	Thread Depth	Min. Hole Depth	Drill Bit Size	Ultimate Tension in 4000 psi Concrete	Ultimate Shear in 4000 psi Concrete	Brand	DROP-IN ANCHOR Item No.	Pkg. Qty.	DROP-IN ANCHOR SETTING TOOL Item No.	Pkg. Qty.	
1/4"-20 Thread Size												
Flange	Steel	0.375 in	1 in	3/8 in	2,360 lb	1,080 lb	Red Head	3A492	100	3A497	1	
		0.375 in	1 in	3/8 in	2,360 lb	1,080 lb	Red Head	2G476	100	3A497	1	
		0.47 in	1 in	3/8 in	2,104 lb	1,321 lb	Sup-R-Drop	4KJA3	25	4XMF2	1	
	Non-Flange	Steel	0.375 in	1 in	3/8 in	2,104 lb	1,321 lb	MKT Fastening	30PK20	10	—	—
		0.375 in	1 in	3/8 in	2,104 lb	1,321 lb	MKT Fastening	30PK25	5	—	—	
		0.375 in	1 in	3/8 in	2,360 lb	1,080 lb	Red Head	2G474	100	3A497	1	
Steel	0.43 in	1 in	3/8 in	1,565 lb	2,550 lb	DeWalt	46U157	100	46U162	1		
	0.375 in	1 in	3/8 in	2,104 lb	1,321 lb	MKT Fastening	30PK15	20	—	—		
3/8"-16 Thread Size												
Flange	Steel	0.5 in	1 3/8 in	1/2 in	3,800 lb	3,160 lb	Red Head	3A493	50	3A498	1	
		0.375 in	1 3/8 in	1/2 in	3,800 lb	3,160 lb	Red Head	5HE65	100	2WLH1	1	
		0.5 in	1 3/8 in	1/2 in	4,824 lb	3,714 lb	MKT Fastening	30PK32	25	—	—	
	Non-Flange	Steel	0.375 in	1 3/8 in	1/2 in	3,800 lb	3,160 lb	MKT Fastening	30PK34	20	—	—
		0.5 in	1 3/8 in	1/2 in	4,824 lb	3,160 lb	Sup-R-Drop	2G492	50	3A498	1	
		0.72 in	1 3/8 in	1/2 in	4,824 lb	3,714 lb	MKT Fastening	4KJA4	25	4XMF3	1	
Steel	0.5 in	1 3/8 in	1/2 in	4,824 lb	3,714 lb	MKT Fastening	30PK21	10	—	—		
	0.5 in	1 3/8 in	1/2 in	4,824 lb	3,714 lb	MKT Fastening	30PK26	5	—	—		
	0.5 in	1 3/8 in	1/2 in	3,800 lb	3,160 lb	Red Head	2G488	50	3A498	1		
	0.625 in	1 3/8 in	1/2 in	2,850 lb	4,755 lb	DeWalt	46U158	50	46U163	1		
	0.5 in	1 3/8 in	1/2 in	4,824 lb	3,714 lb	MKT Fastening	30PK16	25	—	—		
1/2"-6 Thread Size												
Coil Non-Flange	Steel	0.75 in	2 in	5/8 in	7,398 lb	5,854 lb	MKT Fastening	30PK30	25	—	—	
1/2"-13 Thread Size												
Flange	Steel	0.5 in	1 in	5/8 in	3,270 lb	2,673 lb	Red Head	2KTE5	50	2KTE6	1	
		0.75 in	2 in	5/8 in	5,840 lb	4,580 lb	Red Head	3A494	50	4CB94	1	
		0.75 in	2 in	5/8 in	7,398 lb	5,854 lb	MKT Fastening	30PK33	25	—	—	
	Non-Flange	Steel	0.75 in	2 in	5/8 in	5,840 lb	4,580 lb	Red Head	2G490	50	4CB94	1
		1 in	2 in	5/8 in	7,398 lb	5,854 lb	Sup-R-Drop	4KJA5	25	4XMF4	1	
		0.75 in	2 in	5/8 in	7,398 lb	5,854 lb	MKT Fastening	30PK22	5	—	—	
Steel	0.75 in	2 in	5/8 in	7,398 lb	5,854 lb	MKT Fastening	30PK27	5	—	—		
	0.75 in	2 in	5/8 in	5,480 lb	4,580 lb	Red Head	2G486	50	4CB94	1		
	0.81 in	2 in	5/8 in	4,190 lb	7,505 lb	DeWalt	46U159	50	46U164	1		
	0.75 in	2 in	5/8 in	7,398 lb	5,854 lb	MKT Fastening	30PK17	25	—	—		
5/8"-11 Thread Size												
Flange	Steel	1 in	2 1/2 in	7/8 in	8,640 lb	7,440 lb	Red Head	3A495	25	4CB96	1	
		1 in	2 1/2 in	7/8 in	7,966 lb	8,754 lb	Sup-R-Drop	4KJA6	25	4XMF5	1	
		1 in	2 1/2 in	7/8 in	7,966 lb	8,754 lb	MKT Fastening	30PK23	5	—	—	
	Non-Flange	Steel	1 in	2 1/2 in	7/8 in	7,966 lb	8,754 lb	MKT Fastening	30PK28	5	—	—
		1.19 in	2 1/2 in	7/8 in	7,440 lb	—	DeWalt	30RZ47	25	46U165	1	
		1 in	2 1/2 in	7/8 in	8640	7440	Red Head	—	—	4CB96	1	
Steel	1 in	2 1/2 in	7/8 in	8,640 lb	7,440 lb	Red Head	2G480	25	4CB96	1		
	1 in	2 1/2 in	7/8 in	7,966 lb	8,754 lb	MKT Fastening	30PK18	10	—	—		
3/4"-4-1/2 Thread Size												
Coil Non-Flange	Steel	1.5 in	3 3/4 in	1 in	16,019 lb	11,627 lb	MKT Fastening	30PK31	5	—	—	
3/4"-10 Thread Size												
Flange	Steel	1.25 in	3 3/4 in	1 in	9,480 lb	10,480 lb	Red Head	3A496	25	4CB95	1	
		1.5 in	3 3/4 in	1 in	16,019 lb	11,627 lb	MKT Fastening	30PK24	5	4XMF6	1	
		1.5 in	3 3/4 in	1 in	16,019 lb	11,627 lb	MKT Fastening	30PK29	5	4XMF6	1	
Non-Flange	Steel	1.38 in	3 3/4 in	1 in	9,405 lb	—	DeWalt	30RZ48	10	—	—	
		1.25 in	3 3/4 in	1 in	9,480 lb	10,480 lb	Red Head	2G478	25	4CB95	1	
		1.5 in	3 3/4 in	1 in	16,019 lb	11,627 lb	MKT Fastening	30PK19	5	—	—	



411D35

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 Ultimate Tension (lb.)	Ultimate Shear (lb.)	Item No.	Pkg. Qty.
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 1/2 in	1,025 lb	2,680 lb	4XFX5	50
	3 in	1 3/8 in	1 3/4 in	1,025 lb	2,680 lb	4XFX6	50
	1 3/4 in	2 in	1 1/4 in	4,248 lb	8,240 lb	4XFX7	50
3/8 in	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
	4 in	2 in	1 1/8 in	4,248 lb	8,240 lb	2MCP3	50
	3 in	2 in	3/4 in	4,758 lb	9,070 lb	2MCP5	25
1/2 in	6 in	2 in	3 3/4 in	4,758 lb	9,070 lb	2MCP8	20
	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

Anchor Dia.	Length	Min. Embedment	Max. Work Thickness	In 4000 psi Concrete Ultimate Tension (lb.)	Ultimate Shear (lb.)	Item No.	Pkg. Qty.
DeWalt							
1/4 in	1 1/4 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 1/4 in	1 in	1 1/4 in	2,955 lb	1,755 lb	411D37	100
	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	1 1/4 in	2,880 lb	3,890 lb	411D40	50
	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	411D43	50
	4 in	1 1/2 in	2 1/2 in	8,130 lb	6,930 lb	411D44	50
3/8 in	4 in	1 1/2 in	2 1/2 in	8,130 lb	6,930 lb	411D45	50
	5 in	1 1/2 in	3 1/2 in	11,945 lb	6,930 lb	411D46	50
	5 in	1 1/2 in	3 1/2 in	11,945 lb	6,930 lb	411D47	50
	6 in	1 1/2 in	4 1/2 in	11,945 lb	6,930 lb	411D48	50
	6 in	1 1/2 in	4 1/2 in	11,945 lb	6,930 lb	411D49	50
	2 1/2 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	2 1/4 in	7,320 lb	8,800 lb	411D48	50
	4 in	1 3/4 in	2 1/4 in	7,320 lb	8,800 lb	411D49	50
	5 in	1 3/4 in	3 1/4 in	14,525 lb	10,290 lb	411D50	25
1/2 in	5 in	1 3/4 in	3 1/4 in	14,525 lb	10,290 lb	411D51	25
	6 in	1 3/4 in	4 1/4 in	17,235 lb	10,290 lb	411D52	25
	6 in	1 3/4 in	4 1/4 in	17,235 lb	10,290 lb	411D53	25
	8 in	1 3/4 in	6 1/4 in	17,235 lb	10,290 lb	411D54	25
	8 in	1 3/4 in	6 1/4 in	17,235 lb	10,290 lb	411D55	25
	3 in	2 1/2 in	1 1/2 in	6,285 lb	11,630 lb	411D56	25
	4 in	2 1/2 in	1 1/2 in	10,685 lb	13,220 lb	411D57	25
	5 in	2 1/2 in	2 1/2 in	10,685 lb	13,220 lb	411D58	25
	5 in	2 1/2 in	2 1/2 in	10,685 lb	13,220 lb	411D59	25
	6 in	2 1/2 in	3 1/2 in	15,830 lb	14,980 lb	411D60	25
3/4 in	6 in	2 1/2 in	3 1/2 in	15,830 lb	14,980 lb	411D61	25
	8 in	2 1/2 in	5 1/2 in	22,475 lb	14,980 lb	411D62	25
	8 in	2 1/2 in	5 1/2 in	22,475 lb	14,980 lb	411D63	25
	3 in	2 1/2 in	1 1/2 in	6,610 lb	12,725 lb	411D64	20
	4 in	2 1/2 in	1 1/2 in	6,610 lb	12,725 lb	411D65	20
	5 in	2 1/2 in	2 1/2 in	13,035 lb	18,685 lb	411D66	20
	6 in	2 1/2 in	3 1/2 in	20,835 lb	18,685 lb	411D67	20
	6 in	2 1/2 in	3 1/2 in	20,835 lb	18,685 lb	411D68	20
	8 in	2 1/2 in	5 1/2 in	22,450 lb	18,685 lb	411D69	10
	8 in	2 1/2 in	5 1/2 in	22,450 lb	18,685 lb	411D70	10