

**ANCHORS & FASTENERS**

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4/22/2022

RE: DEWALT UltraCon®+ Anchor Replacement Option for Powers Tapper®+ Anchor

To Whom It May Concern:

The DEWALT UltraCon+ screw anchor is now available for consideration as a direct replacement option for the Powers Tapper+ screw anchor in concrete and masonry applications. Powers has been part of the GTS division of Stanley Black & Decker since 2012. As part of recent upgrades to the Powers Tapper+ line of concrete screw anchors, the decision was made to transition the line of product to the DEWALT UltraCon+ brand.

The DEWALT UltraCon+ is a one piece, small-diameter screw anchor available in 3/16" and 1/4" diameters and all current head styles offered by the Powers Tapper+. It is similar in appearance to the Tapper+ but is now identified with a "D+" stamped on the screw head, replacing the original "P+" stamp. The DEWALT UltraCon+ finish and color are similar to the Powers Tapper+, with Stalgard coating available in blue, silver, white and bronze color offerings.

The DEWALT UltraCon+ has ICC-ES building and residential code approvals for concrete (ESR-3068), masonry (ESR-3196), wood (ESR-3042) and chemically treated wood (ESR-3213) as well as recognition for the State of Florida (FL-29068) and with Miami-Dade County (NOA No. 21-0113.01). These approvals include comparative or better data at similar spacing and edge conditions, as well as new data at spacing and edge conditions not currently offered by Powers Tapper+. Please refer to the below tables for new load values of the DEWALT UltraCon+:

3/16" Diameter: DeWALT UltraCon+					
				Allowable Loads	
				UltraCon+	
	Edge distance	Spacing distance	Embedment	Tension lbf	Shear lbf
Concrete 3000 psi	2 1/2"	1 1/8"	1 3/4"	385	315
		2 1/4"	1 3/4"	385	315
		3"	1"	150	165
			1 3/8"	300	190
		3 3/8"	1 3/4"	385	315
Hollow Block	1"	1 1/2"	1 1/4"	145	80
		3"	1 1/4"	150	115
	2 1/2"	1 1/8"	1 1/4"	155	185
		2 1/4"	1 1/4"	155	185
Grouted block	1"	1 1/2"	1 3/4"	195	85
		3 3/8"	1 3/4"	280	85
		4 1/2"	2 1/4"	415	150
	2 1/2"	3 3/8"	1 3/4"	280	220
		3 9/16"	1 3/4"	295	250
		4 1/2"	2 1/4"	415	250

1/4" Diameter: DeWALT UltraCon+					
				Allowable Load	
				UltraCon+	
	Edge distance	Spacing distance	Embedment	Tension lbf	Shear lbf
Concrete 3000 psi	2 1/2"	1 1/2"	1 3/4"	590	425
		3"	1 3/4"	590	435
		4"	1"	215	335
			1 3/8"	470	435
			1 3/4"	615	435
Hollow Block	1"	1 1/2"	1 1/4"	155	95
		3"	1 1/4"	155	160
	2 1/2"	1 1/2"	1 1/4"	160	240
		3"	1 1/4"	175	290
Grouted block	1"	1 1/2"	1 3/4"	370	100
		4"	1 3/4"	370	205
	2 1/2"	4"	1 3/4"	395	290
		4"	2 1/4"	625	315
		4 1/2"	2 1/4"	625	330

Head Marking

Hex Washer Head



Phillips Flat Head



TrimFit Flat Head

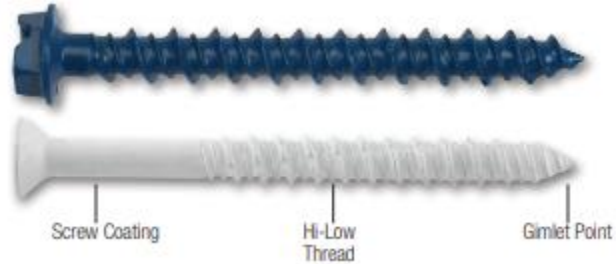


Hex Flange Head



Legend

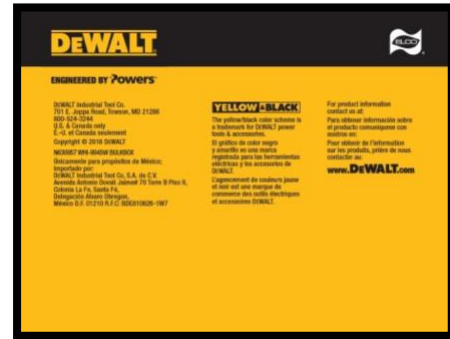
- 'D' Marking = UltraCon+
- '+' Symbol = Strength Design Compliant Anchor
- 'C' Mark = Length Identification Mark
- '•' Mark = TrimFit Flat Head Identification



UltraCon+ Length Code Identification System

Length ID marking on head			A	B	C	D	E	F	G	H	I	J
Overall anchor length Length (inches)	From	1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"
	Up to but not including	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	6-1/2"

Packaging: Powers Tapper+ (left) vs DEWALT UltraCon+ (right)



Our technical services department is available to answer any additional questions, our team can be contacted at (800) 524-3244 or anchors@DEWALT.com

See the attached pages for a crossover list of part numbers (aka SKU's) with descriptions for the DEWALT UltraCon+ and Powers Tapper+ screw anchors.

DEWALT UltraCon+ SKU	Description	Color	Head Style	Material	Powers Tapper+ SKU
DFM12700	UltraCon®+ HWH 3/16 X 1-1/4	Blue	Hex Washer	Carbon Steel	2700SD-PWR
DFM12700B	UltraCon®+ HWH 3/16 X 1-1/4	Blue	Hex Washer	Carbon Steel	9462SD-PWR
DFM12702	UltraCon®+ HWH 3/16 X 1-3/4	Blue	Hex Washer	Carbon Steel	2702SD-PWR
DFM12702B	UltraCon®+ HWH 3/16 X 1-3/4	Blue	Hex Washer	Carbon Steel	9463SD-PWR
DFM12704	UltraCon®+ HWH 3/16 X 2-1/4	Blue	Hex Washer	Carbon Steel	2704SD-PWR
DFM12704B	UltraCon®+ HWH 3/16 X 2-1/4	Blue	Hex Washer	Carbon Steel	9464SD-PWR
DFM12706	UltraCon®+ HWH 3/16 X 2-3/4	Blue	Hex Washer	Carbon Steel	2706SD-PWR
DFM12706B	UltraCon®+ HWH 3/16 X 2-3/4	Blue	Hex Washer	Carbon Steel	9465SD-PWR
DFM12708	UltraCon®+ HWH 3/16 X 3-1/4	Blue	Hex Washer	Carbon Steel	2708SD-PWR
DFM12708B	UltraCon®+ HWH 3/16 X 3-1/4	Blue	Hex Washer	Carbon Steel	9466SD-PWR
DFM12710	UltraCon®+ HWH 3/16 X 3-3/4	Blue	Hex Washer	Carbon Steel	2710SD-PWR
DFM12710B	UltraCon®+ HWH 3/16 X 3-3/4	Blue	Hex Washer	Carbon Steel	9467SD-PWR
DFM12712	UltraCon®+ HWH 3/16 X 4	Blue	Hex Washer	Carbon Steel	2712SD-PWR
DFM12712B	UltraCon®+ HWH 3/16 X 4	Blue	Hex Washer	Carbon Steel	9468SD-PWR
DFM12715	UltraCon®+ HWH 1/4 X 1	Blue	Hex Washer	Carbon Steel	-
DFM12720	UltraCon®+ HWH 1/4 X 1-1/4	Blue	Hex Washer	Carbon Steel	2720SD-PWR
DFM12720B	UltraCon®+ HWH 1/4 X 1-1/4	Blue	Hex Washer	Carbon Steel	9469SD-PWR
DFM12722	UltraCon®+ HWH 1/4 X 1-3/4	Blue	Hex Washer	Carbon Steel	2722SD-PWR
DFM12722B	UltraCon®+ HWH 1/4 X 1-3/4	Blue	Hex Washer	Carbon Steel	9470SD-PWR
DFM12724	UltraCon®+ HWH 1/4 X 2-1/4	Blue	Hex Washer	Carbon Steel	2724SD-PWR
DFM12724B	UltraCon®+ HWH 1/4 X 2-1/4	Blue	Hex Washer	Carbon Steel	9471SD-PWR
DFM12726	UltraCon®+ HWH 1/4 X 2-3/4	Blue	Hex Washer	Carbon Steel	2726SD-PWR
DFM12726B	UltraCon®+ HWH 1/4 X 2-3/4	Blue	Hex Washer	Carbon Steel	9472SD-PWR
DFM12728	UltraCon®+ HWH 1/4 X 3-1/4	Blue	Hex Washer	Carbon Steel	2728SD-PWR
DFM12728B	UltraCon®+ HWH 1/4 X 3-1/4	Blue	Hex Washer	Carbon Steel	9473SD-PWR
DFM12730	UltraCon®+ HWH 1/4 X 3-3/4	Blue	Hex Washer	Carbon Steel	2730SD-PWR
DFM12730B	UltraCon®+ HWH 1/4 X 3-3/4	Blue	Hex Washer	Carbon Steel	9474SD-PWR
DFM12732	UltraCon®+ HWH 1/4 X 4	Blue	Hex Washer	Carbon Steel	2732SD-PWR
DFM12732B	UltraCon®+ HWH 1/4 X 4	Blue	Hex Washer	Carbon Steel	9475SD-PWR
DFM12734	UltraCon®+ HWH 1/4 X 5	Blue	Hex Washer	Carbon Steel	2734SD-PWR
DFM12734B	UltraCon®+ HWH 1/4 X 5	Blue	Hex Washer	Carbon Steel	-
DFM12735	UltraCon®+ HWH 1/4 X 6	Blue	Hex Washer	Carbon Steel	2735SD-PWR
DFM12735B	UltraCon®+ HWH 1/4 X 6	Blue	Hex Washer	Carbon Steel	-
DFM12740	UltraCon®+ PFH 3/16 X 1-1/4	Blue	Phillips Flat	Carbon Steel	2740SD-PWR
DFM12740B	UltraCon®+ PFH 3/16 X 1-1/4	Blue	Phillips Flat	Carbon Steel	9476SD-PWR
DFM12742	UltraCon®+ PFH 3/16 X 1-3/4	Blue	Phillips Flat	Carbon Steel	2742SD-PWR
DFM12742B	UltraCon®+ PFH 3/16 X 1-3/4	Blue	Phillips Flat	Carbon Steel	9477SD-PWR
DFM12744	UltraCon®+ PFH 3/16 X 2-1/4	Blue	Phillips Flat	Carbon Steel	2744SD-PWR
DFM12744B	UltraCon®+ PFH 3/16 X 2-1/4	Blue	Phillips Flat	Carbon Steel	9478SD-PWR
DFM12746	UltraCon®+ PFH 3/16 X 2-3/4	Blue	Phillips Flat	Carbon Steel	2746SD-PWR
DFM12746B	UltraCon®+ PFH 3/16 X 2-3/4	Blue	Phillips Flat	Carbon Steel	9479SD-PWR
DFM12748	UltraCon®+ PFH 3/16 X 3-1/4	Blue	Phillips Flat	Carbon Steel	2748SD-PWR
DFM12748B	UltraCon®+ PFH 3/16 X 3-1/4	Blue	Phillips Flat	Carbon Steel	9480SD-PWR
DFM12750	UltraCon®+ PFH 3/16 X 3-3/4	Blue	Phillips Flat	Carbon Steel	2750SD-PWR
DFM12750B	UltraCon®+ PFH 3/16 X 3-3/4	Blue	Phillips Flat	Carbon Steel	9481SD-PWR
DFM12752	UltraCon®+ PFH 3/16 X 4	Blue	Phillips Flat	Carbon Steel	2752SD-PWR
DFM12752B	UltraCon®+ PFH 3/16 X 4	Blue	Phillips Flat	Carbon Steel	9482SD-PWR
DFM12760	UltraCon®+ PFH 1/4 X 1-1/4	Blue	Phillips Flat	Carbon Steel	2760SD-PWR
DFM12760B	UltraCon®+ PFH 1/4 X 1-1/4	Blue	Phillips Flat	Carbon Steel	9483SD-PWR
DFM12762	UltraCon®+ PFH 1/4 X 1-3/4	Blue	Phillips Flat	Carbon Steel	2762SD-PWR
DFM12762B	UltraCon®+ PFH 1/4 X 1-3/4	Blue	Phillips Flat	Carbon Steel	9484SD-PWR
DFM12764	UltraCon®+ PFH 1/4 X 2-1/4	Blue	Phillips Flat	Carbon Steel	2764SD-PWR
DFM12764B	UltraCon®+ PFH 1/4 X 2-1/4	Blue	Phillips Flat	Carbon Steel	9485SD-PWR
DFM12766	UltraCon®+ PFH 1/4 X 2-3/4	Blue	Phillips Flat	Carbon Steel	2766SD-PWR
DFM12766B	UltraCon®+ PFH 1/4 X 2-3/4	Blue	Phillips Flat	Carbon Steel	9486SD-PWR
DFM12768	UltraCon®+ PFH 1/4 X 3-1/4	Blue	Phillips Flat	Carbon Steel	2768SD-PWR
DFM12768B	UltraCon®+ PFH 1/4 X 3-1/4	Blue	Phillips Flat	Carbon Steel	9487SD-PWR
DFM12770	UltraCon®+ PFH 1/4 X 3-3/4	Blue	Phillips Flat	Carbon Steel	2770SD-PWR
DFM12770B	UltraCon®+ PFH 1/4 X 3-3/4	Blue	Phillips Flat	Carbon Steel	9488SD-PWR
DFM12772	UltraCon®+ PFH 1/4 X 4	Blue	Phillips Flat	Carbon Steel	2772SD-PWR
DFM12772B	UltraCon®+ PFH 1/4 X 4	Blue	Phillips Flat	Carbon Steel	9489SD-PWR
DFM12774	UltraCon®+ PFH 1/4 X 5	Blue	Phillips Flat	Carbon Steel	2774SD-PWR
DFM12776	UltraCon®+ PFH 1/4 X 6	Blue	Phillips Flat	Carbon Steel	2776SD-PWR

DEWALT UltraCon+ SKU	Description	Color	Head Style	Material	Powers Tapper+ SKU
DFM2ELD385	UltraCon®+ PFH 1/4 X 1-1/4	White	Phillips Flat	Carbon Steel	2460SD-PWR
DFM2ELD386	UltraCon®+ PFH 1/4 X 1-3/4	White	Phillips Flat	Carbon Steel	2462SD-PWR
DFM2ELD387	UltraCon®+ PFH 1/4 X 2-1/4	White	Phillips Flat	Carbon Steel	2464SD-PWR
DFM2ELD388	UltraCon®+ PFH 1/4 X 2-3/4	White	Phillips Flat	Carbon Steel	2466SD-PWR
DFM2ELD389	UltraCon®+ PFH 1/4 X 3-1/4	White	Phillips Flat	Carbon Steel	2468SD-PWR
DFM2ELD270	UltraCon®+ HHF 1/4 X 1-1/4	White	Hex Flange	Carbon Steel	-
DFM2ELD275	UltraCon®+ HHF 1/4 X 1-3/4	White	Hex Flange	Carbon Steel	8706SD-PWR
DFM2ELD285	UltraCon®+ HHF 1/4 X 2-1/4	White	Hex Flange	Carbon Steel	8707SD-PWR
DFM2ELD295	UltraCon®+ HHF 1/4 X 2-3/4	White	Hex Flange	Carbon Steel	8708SD-PWR
DFM2ELD305	UltraCon®+ HHF 1/4 X 3-1/4	White	Hex Flange	Carbon Steel	-
DFM2ELD250	UltraCon®+ HHWS 1/4 X 1-1/4	White	Hex Washer	Carbon Steel	2420SD-PWR
DFM2ELD195	UltraCon®+ HHWS 1/4 X 1-3/4	White	Hex Washer	Carbon Steel	2422SD-PWR
DFM2ELD205	UltraCon®+ HHWS 1/4 X 2-1/4	White	Hex Washer	Carbon Steel	2424SD-PWR
DFM2ELD215	UltraCon®+ HHWS 1/4 X 2-3/4	White	Hex Washer	Carbon Steel	2426SD-PWR
DFM2ELD225	UltraCon®+ HHWS 1/4 X 3-1/4	White	Hex Washer	Carbon Steel	2428SD-PWR
DFM2ELD235	UltraCon®+ HHWS 1/4 X 3-3/4	White	Hex Washer	Carbon Steel	2430SD-PWR
DFM2ELD245	UltraCon®+ HHWS 1/4 X 4	White	Hex Washer	Carbon Steel	2435SD-PWR
DFM2ELD255	UltraCon®+ HHWS 1/4 X 5	White	Hex Washer	Carbon Steel	-
DFM2ELD265	UltraCon®+ HHWS 1/4 X 6	White	Hex Washer	Carbon Steel	-
DFM2ELD200	UltraCon®+ HHWS 3/16 X 1-1/4	White	Hex Washer	Carbon Steel	2400SD-PWR
DFM2ELD210	UltraCon®+ HHWS 3/16 X 1-3/4	White	Hex Washer	Carbon Steel	2402SD-PWR
DFM2ELD220	UltraCon®+ HHWS 3/16 X 2-1/4	White	Hex Washer	Carbon Steel	2404SD-PWR
DFM2ELD230	UltraCon®+ HHWS 3/16 X 2-3/4	White	Hex Washer	Carbon Steel	2406SD-PWR
DFM2ELD240	UltraCon®+ HHWS 3/16 X 3-1/4	White	Hex Washer	Carbon Steel	2408SD-PWR
DFM2ELD320	UltraCon®+ PFH 3/16 X 1-1/4	White	Phillips Flat	Carbon Steel	2440SD-PWR
DFM2ELD330	UltraCon®+ PFH 3/16 X 1-3/4	White	Phillips Flat	Carbon Steel	2442SD-PWR
DFM2ELD340	UltraCon®+ PFH 3/16 X 2-1/4	White	Phillips Flat	Carbon Steel	2444SD-PWR
DFM2ELD350	UltraCon®+ PFH 3/16 X 2-3/4	White	Phillips Flat	Carbon Steel	2446SD-PWR
DFM2ELD360	UltraCon®+ PFH 3/16 X 3-1/4	White	Phillips Flat	Carbon Steel	2448SD-PWR
DFM2ELD370	UltraCon®+ PFH 3/16 X 3-3/4	White	Phillips Flat	Carbon Steel	2450SD-PWR
DFM2ELD400	UltraCon®+ PFHT 1/4 X 1-3/4	White	Phillips Trimfit	Carbon Steel	8710SD-PWR
DFM2ELD410	UltraCon®+ PFHT 1/4 X 2-1/4	White	Phillips Trimfit	Carbon Steel	8711SD-PWR
DFM2ELD420	UltraCon®+ PFHT 1/4 X 2-3/4	White	Phillips Trimfit	Carbon Steel	8712SD-PWR
DFM2ELD430	UltraCon®+ PFHT 1/4 X 3-1/4	White	Phillips Trimfit	Carbon Steel	8713SD-PWR
DFM2ELD440	UltraCon®+ PFHT 1/4 X 3-3/4	White	Phillips Trimfit	Carbon Steel	8714SD-PWR
DFM2ELD450	UltraCon®+ PFHT 1/4 X 4	White	Phillips Trimfit	Carbon Steel	-
DFM2ELC145	UltraCon®+ HFH 1/4 X 1-3/4	Silver	Hex Flange	Carbon Steel	9510SD-PWR
DFM2ELC151	UltraCon®+ HFH 1/4 X 2-1/4	Silver	Hex Flange	Carbon Steel	9512SD-PWR
DFM2ELC160	UltraCon®+ HFH 1/4 X 2-3/4	Silver	Hex Flange	Carbon Steel	-
DFM2ELC170	UltraCon®+ HHF 1/4" X 3-1/4"	Silver	Hex Flange	Carbon Steel	-
DFM2ELG340	UltraCon®+ HWHS 1/4 X 1-1/4	Silver	Hex Washer	Carbon Steel	2486SD-PWR
DFM2ELG341	UltraCon®+ HWHS 1/4 X 1-3/4	Silver	Hex Washer	Carbon Steel	2488SD-PWR
DFM2ELG371	UltraCon®+ HWHS 1/4 X 2-1/4	Silver	Hex Washer	Carbon Steel	2490SD-PWR
DFM2ELG401	UltraCon®+ HWHS 1/4 X 2-3/4	Silver	Hex Washer	Carbon Steel	2492SD-PWR
DFM2ELG431	UltraCon®+ HWHS 1/4 X 3-1/4	Silver	Hex Washer	Carbon Steel	2494SD-PWR
DFM2ELG521	UltraCon®+ PFH 3/16 X 1-1/4	Silver	Phillips Flat	Carbon Steel	2498SD-PWR
DFM2ELG551	UltraCon®+ PFH 3/16 X 1-3/4	Silver	Phillips Flat	Carbon Steel	2500SD-PWR
DFM2ELG581	UltraCon®+ PFH 3/16 X 2-1/4	Silver	Phillips Flat	Carbon Steel	2501SD-PWR
DFM2ELG611	UltraCon®+ PFH 3/16 X 2-3/4	Silver	Phillips Flat	Carbon Steel	2502SD-PWR
DFM2ELG641	UltraCon®+ PFH 3/16 X 3-1/4	Silver	Phillips Flat	Carbon Steel	2503SD-PWR
DFM2ELG671	UltraCon®+ PFH 3/16 X 3-3/4	Silver	Phillips Flat	Carbon Steel	2504SD-PWR
DFM2ELG770	UltraCon®+ PFHT 1/4 X 1-1/4	Silver	Phillips Flat Trimfit	Carbon Steel	2506SD-PWR
DFM2ELG771	UltraCon®+ PFHT 1/4 X 1-3/4	Silver	Phillips Flat Trimfit	Carbon Steel	2507SD-PWR
DFM2ELG801	UltraCon®+ PFHT 1/4 X 2-1/4	Silver	Phillips Flat Trimfit	Carbon Steel	2508SD-PWR
DFM2ELG831	UltraCon®+ PFHT 1/4 X 2-3/4	Silver	Phillips Flat Trimfit	Carbon Steel	2509SD-PWR
DFM2ELG861	UltraCon®+ PFHT 1/4 X 3-1/4	Silver	Phillips Flat Trimfit	Carbon Steel	2510SD-PWR
DFM2ELG891	UltraCon®+ PFHT 1/4 X 3-3/4	Silver	Phillips Flat Trimfit	Carbon Steel	-
DFM2ELG921	UltraCon®+ PFHT 1/4 X 4	Silver	Phillips Flat Trimfit	Carbon Steel	-
DFM2ELE465	UltraCon®+ HHWS 1/4 X 4	Bronze	Hex Washer	Carbon Steel	-
DFM2ELG612	UltraCon®+ PFH 3/16 X 2-3/4	Bronze	Phillips Flat Trimfit	Carbon Steel	-
DFM2ELG832	UltraCon®+ PFHT 1/4 X 2-3/4	Bronze	Phillips Flat Trimfit	Carbon Steel	-
DFM2ELG862	UltraCon®+ PFHT 1/4 X 3-1/4	Bronze	Phillips Flat Trimfit	Carbon Steel	-
DFM2ELG892	UltraCon®+ PFHT 1/4 X 3-3/4	Bronze	Phillips Flat Trimfit	Carbon Steel	-