

4/22/20

DEWALT
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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 pending recognition with Miami-Dade County. 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"
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
			1 3/4"	395	290
	2 1/2"	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

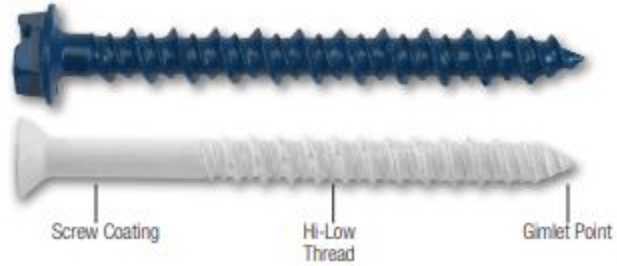


Hex Flange Head



Legend

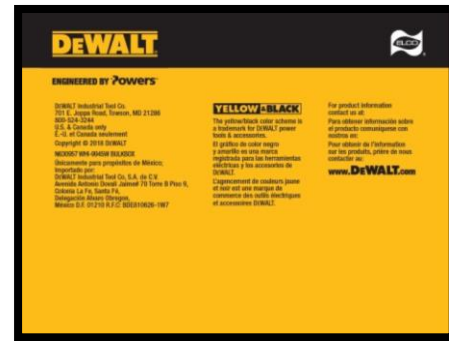
- 'D' Marking = UltraCon+
- '+' Symbol = Strength Design Compliant Anchor
- 'C' Mark = Length Identification Mark
- '•' Mark = TrimFit Flat Head Identification



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	-