

## VVMA Electric Wedge Connectors Diameter Limits Selection Guide

Dimensions shown in inches (millimeters)

Catalog Number		Sum of Diameters				(Large Groove ) Through Wire Diameter				(Small Groove ) Tap Wire Diameter			
		Max.		Min.		Max.		Min.		Max.		Min.	
		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
303 Series	30301	0.47	12.0	0.38	9.6	0.28	7.0	0.19	4.8	0.24	6.0	0.19	4.8
	30302	0.57	14.4	0.51	13.0	0.38	9.6	0.28	7.0	0.28	7.0	0.19	4.8
	30303	0.65	16.6	0.58	14.8	0.45	11.4	0.32	8.2	0.33	8.3	0.19	4.8
	30304	0.76	19.2	0.67	17.0	0.45	11.4	0.38	9.6	0.38	9.6	0.24	6.0
	30305	0.78	19.9	0.70	17.8	0.54	13.7	0.46	11.6	0.33	8.3	0.19	4.8
	30306	0.82	20.7	0.79	20.0	0.57	14.6	0.51	13.0	0.28	7.0	0.19	4.8
	30307	0.88	22.4	0.82	20.8	0.63	16.0	0.51	13.0	0.32	8.2	0.19	4.8
	30308	0.86	21.9	0.77	19.6	0.54	13.6	0.39	10.0	0.39	10.0	0.33	8.3
	30309	0.92	23.3	0.87	22.0	0.54	13.7	0.46	11.6	0.46	11.6	0.33	8.3
	30310	0.96	24.3	0.89	22.6	0.63	16.0	0.51	13.0	0.39	10.0	0.32	8.2
	30311	1.03	26.2	0.96	24.4	0.63	16.0	0.45	11.4	0.51	13.0	0.38	9.6
	30312	1.12	28.4	1.05	26.6	0.63	16.0	0.51	13.0	0.54	13.7	0.45	11.4
	30313	1.21	30.8	1.14	29.0	0.63	16.0	0.57	14.6	0.61	15.4	0.51	13.0
	30314	1.26	32.0	1.24	31.4	0.63	16.0	0.63	16.0	0.63	16.0	0.61	15.4
505 Series	50501	0.94	23.9	0.84	21.3	0.74	18.9	0.65	16.5	0.28	7.0	0.19	4.8
	50502	1.05	26.7	0.96	24.4	0.85	21.6	0.65	16.5	0.38	9.6	0.19	4.8
	50503	1.13	28.6	1.04	26.5	0.85	21.6	0.65	16.5	0.46	11.6	0.24	6.0
	50504	1.21	30.6	1.11	28.3	0.80	20.4	0.65	16.5	0.54	13.7	0.39	10.0
	50505	1.24	31.6	1.17	29.8	0.85	21.6	0.72	18.4	0.45	11.4	0.33	8.3
	50506	1.29	32.9	1.19	30.3	0.80	20.4	0.65	16.5	0.63	16.0	0.45	11.4
	50507	1.39	35.3	1.29	32.8	0.85	21.6	0.65	16.5	0.66	16.9	0.45	11.4
	50508	1.43	36.2	1.34	34.0	0.85	21.6	0.69	17.4	0.69	17.4	0.57	14.6
	50509	1.52	38.5	1.43	36.3	0.85	21.6	0.69	17.4	0.74	18.9	0.61	15.4
	50510	1.57	40.0	1.49	37.8	0.85	21.6	0.80	20.4	0.72	18.4	0.69	17.4
	50511	1.70	43.2	1.59	40.5	0.85	21.6	0.80	20.4	0.85	21.6	0.74	18.9
707 Series	70703	1.57	39.9	1.45	36.8	0.99	25.2	0.91	23.0	0.61	15.4	0.54	13.7
	70704	1.75	44.6	1.60	40.7	1.15	29.1	0.99	25.2	0.61	15.4	0.54	13.7
	70705	1.69	42.8	1.57	39.9	0.99	25.2	0.91	23.0	0.74	18.9	0.67	16.9
	70706	1.83	46.4	1.72	43.8	1.15	29.1	0.91	23.0	0.91	23.0	0.67	16.9
	70707	1.95	49.6	1.84	46.8	1.15	29.1	0.92	23.4	0.96	24.5	0.74	18.9
	70708	2.08	52.9	1.97	49.9	1.15	29.1	0.99	25.2	0.99	25.2	0.85	21.6
	70709	2.16	54.9	2.09	53.1	1.15	29.1	1.06	26.9	1.09	27.6	0.94	23.9
	70710	2.29	58.3	2.17	55.2	1.15	29.1	1.15	29.1	1.15	29.1	1.06	26.9

For AWG standard matching, contact us.