

BELLEVILLE SPRING WASHERS

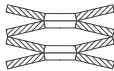
300 SERIES • Stainless Steel (Passivated)



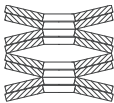
Single Disk



Parallel



Series



Series Parallel

BELLEVILLE SPRING WASHERS

LEE STOCK NUMBER	BOLT SIZE	INSIDE DIAMETER (ID)		OUTSIDE DIAMETER (OD)		THICKNESS (t)		OVERALL HEIGHT UNLOADED (Ho)		CALCULATED LOAD AT FLAT (Pmax)		PRICE GROUP
		IN.	MM	IN.	MM	IN.	MM	IN.	MM	LB.	KG	
312-023-625	5/16	.312	7.92	.625	15.88	.023	.58	.037	.94	78.4	35.5	W3
312-024-625				.625	15.88	.024	.61	.040	1.02	101.8	46.2	W3
312-025-625				.625	15.88	.025	.64	.042	1.07	122.2	55.4	W3
312-028-625				.625	15.88	.028	.71	.042	1.07	141.4	64.1	W3
312-030-625				.625	15.88	.030	.76	.044	1.12	173.9	78.9	W3
312-031-625				.625	15.88	.031	.79	.048	1.22	233.0	105.7	W3
312-047-625				.625	15.88	.047	1.19	.059	1.50	573.2	260.0	W6
312-052-687				.687	17.45	.052	1.32	.068	1.73	819.3	371.6	W9
312-040-875				.875	22.23	.040	1.02	.057	1.45	229.6	104.2	W5
312-030-937				.937	23.80	.030	.76	.060	1.52	147.9	67.1	W6
312-045-937				.937	23.80	.045	1.14	.067	1.70	366.2	166.1	W7
312-070-937				.937	23.80	.070	1.78	.094	2.39	1503.5	682.0	W13
312-080-1000				1.000	25.40	.080	2.03	.111	2.82	2533.9	1149.3	W14
323-020-709	5/16	.323	8.20	.709	18.01	.020	.51	.043	1.09	63.0	28.6	W3
323-028-709				.709	18.01	.028	.71	.049	1.24	157.8	71.6	W3
323-031-709				.709	18.01	.031	.79	.051	1.30	204.0	92.5	W4
323-039-709				.709	18.01	.039	.99	.055	1.40	324.9	147.4	W6
323-028-787				.787	19.99	.028	.71	.053	1.35	147.3	66.8	W3
323-035-787				.787	19.99	.035	.89	.057	1.45	253.1	114.8	W4
323-028-906				.906	23.01	.028	.71	.059	1.50	134.0	60.8	W4
323-035-906				.906	23.01	.035	.89	.063	1.60	236.3	107.2	W4
344-090-1000	11/32	.344	8.74	1.000	25.40	.090	2.29	.102	2.59	1407.4	638.4	W19
344-062-1125				1.125	28.58	.062	1.57	.083	2.11	630.8	286.1	W12
375-025-750	3/8	.375	9.53	.750	19.05	.025	.64	.040	1.02	75.0	34.0	W3
375-028-750				.750	19.05	.028	.71	.042	1.07	98.3	44.6	W3
375-030-750				.750	19.05	.030	.76	.044	1.12	120.9	54.8	W3
375-032-750				.750	19.05	.032	.81	.046	1.17	146.7	66.5	W3
375-035-750				.750	19.05	.035	.89	.055	1.40	274.2	124.4	W3
375-038-750				.750	19.05	.038	.97	.048	1.22	175.5	79.6	W4
375-040-750				.750	19.05	.040	1.02	.059	1.50	388.9	176.4	W4
375-042-750				.750	19.05	.042	1.07	.052	1.32	236.9	107.5	W5
375-044-750				.750	19.05	.044	1.12	.054	1.37	272.4	123.6	W5
375-057-750				.750	19.05	.057	1.45	.070	1.78	769.9	349.2	W8
375-062-750				.750	19.05	.062	1.57	.078	1.98	1219.4	553.1	W8
375-076-750				.750	19.05	.076	1.93	.108	2.74	4492.1	2037.6	W13
375-047-950				.950	24.13	.047	1.19	.068	1.73	397.7	180.4	W8
375-042-970				.970	24.64	.042	1.07	.057	1.45	193.6	87.8	W6
375-080-1000				1.000	25.40	.080	2.03	.109	2.77	2418.8	1097.1	W14
375-053-1125				1.125	28.58	.053	1.35	.080	2.03	509.3	231.0	W11
375-078-1125				1.125	28.58	.078	1.98	.097	2.46	1142.5	518.2	W14
375-089-1188				1.188	30.18	.089	2.26	.121	3.07	2553.3	1158.2	W18
406-062-875	13/32	.406	10.31	.875	22.23	.062	1.57	.074	1.88	647.7	293.8	W11
406-089-875				.875	22.23	.089	2.26	.100	2.54	1756.3	796.6	W18
406-109-875				.875	22.23	.109	2.77	.124	3.15	4399.6	1995.6	W22
406-062-1000				1.000	25.40	.062	1.57	.092	2.34	1185.1	537.5	W12
406-105-1000				1.000	25.40	.105	2.67	.118	3.00	2494.3	1131.4	W22
406-098-1188				1.188	30.18	.098	2.49	.119	3.02	2251.4	1021.2	W21
406-105-1188				1.188	30.18	.105	2.67	.125	3.18	2637.3	1196.2	W22
406-074-1250				1.250	31.75	.074	1.88	.098	2.49	996.1	451.8	W14

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		IN.	MM	IN.	MM	IN.	MM	IN.	MM	LB.	KG	
437-025-875	7/16	.437	11.10	.875	22.23	.025	.64	.052	1.32	99.1	44.9	W4
437-028-875				.875	22.23	.028	.71	.056	1.42	144.3	65.5	W4
437-031-875				.875	22.23	.031	.79	.059	1.50	195.9	88.8	W4
437-035-875				.875	22.23	.035	.89	.058	1.47	231.5	105.0	W5
437-038-875				.875	22.23	.038	.97	.059	1.50	270.6	122.7	W5
437-040-875				.875	22.23	.040	1.02	.060	1.52	300.5	136.3	W5
437-042-875				.875	22.23	.042	1.07	.062	1.57	347.9	157.8	W5
437-059-875				.875	22.23	.059	1.50	.083	2.11	1157.3	525.0	W10
437-035-1000				1.000	25.40	.035	.89	.067	1.70	232.5	105.4	W4
437-040-1000				1.000	25.40	.040	1.02	.071	1.80	336.2	152.5	W5
437-050-1000				1.000	25.40	.050	1.27	.085	2.16	741.3	336.2	W9
437-080-1000				1.000	25.40	.080	2.03	.106	2.69	2255.6	1023.1	W14
480-049-906	15/32	.480	12.19	.906	23.01	.049	1.24	.073	1.85	641.2	290.9	W8
480-028-984				.984	24.99	.028	.71	.063	1.60	140.9	63.9	W4
480-049-984				.984	24.99	.049	1.24	.077	1.96	604.0	274.0	W9
480-059-1240				1.240	31.50	.059	1.50	.093	2.36	744.4	337.7	W12
500-042-830	1/2	.500	12.70	.830	21.08	.042	1.07	.067	1.70	559.3	253.7	W5
500-089-928				.928	23.57	.089	2.26	.107	2.72	2779.3	1260.7	W18
500-030-1000				1.000	25.40	.030	.76	.049	1.24	92.3	41.9	W3
500-033-1000				1.000	25.40	.033	.84	.052	1.32	122.8	55.7	W3
500-035-1000				1.000	25.40	.035	.89	.057	1.45	169.7	77.0	W4
500-038-1000				1.000	25.40	.038	.97	.058	1.47	197.4	89.5	W8
500-042-1000				1.000	25.40	.042	1.07	.060	1.52	239.9	108.8	W8
500-045-1000				1.000	25.40	.045	1.14	.061	1.55	262.3	119.0	W8
500-050-1000				1.000	25.40	.050	1.27	.075	1.91	562.1	255.0	W9
500-073-1000				1.000	25.40	.073	1.85	.091	2.31	1259.6	571.3	W13
500-080-1000				1.000	25.40	.080	2.03	.103	2.62	2118.3	960.8	W14
500-100-1063				1.063	27.00	.100	2.54	.116	2.95	2470.1	1120.4	W19
500-039-1100				1.100	27.94	.039	.99	.074	1.88	295.0	133.8	W6
500-049-1100				1.100	27.94	.049	1.24	.083	2.11	568.4	257.8	W9
500-059-1100				1.100	27.94	.059	1.50	.087	2.21	817.1	370.6	W12
500-062-1125				1.125	28.58	.062	1.57	.083	2.11	674.1	305.8	W12
500-125-1125				1.125	28.58	.125	3.18	.145	3.68	5261.1	2386.4	W25
500-060-1262				1.262	32.05	.060	1.52	.091	2.31	692.7	314.2	W12
500-098-1312				1.312	33.32	.098	2.49	.131	3.33	2948.3	1337.3	W22
500-104-1312				1.312	33.32	.104	2.64	.144	3.66	4271.1	1937.3	W22
500-112-1312				1.312	33.32	.112	2.84	.141	3.58	3867.5	1754.3	W22
500-030-1375				1.375	34.93	.030	.76	.066	1.68	83.3	37.8	W6
500-032-1375				1.375	34.93	.032	.81	.070	1.78	106.7	48.4	W6
500-038-1375				1.375	34.93	.038	.97	.082	2.08	207.0	93.9	W13
500-045-1375				1.375	34.93	.045	1.14	.095	2.41	390.6	177.2	W13
500-087-1375				1.375	34.93	.087	2.21	.123	3.12	2032.1	921.8	W16
500-047-1500				1.500	38.10	.047	1.19	.093	2.36	340.4	154.4	W13
500-070-1500				1.500	38.10	.070	1.78	.104	2.64	831.2	377.0	W13
500-080-1500				1.500	38.10	.080	2.03	.098	2.49	656.9	298.0	W18
500-102-1500				1.500	38.10	.102	2.59	.128	3.25	1966.6	892.0	W21
500-140-1625				1.625	41.28	.140	3.56	.168	4.27	4642.2	2105.6	W32

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