

# Compression Springs

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category*		
								HD	MW	SS
C120-014-04	.120	.125	.014	.250	11.25	2.00	.088	A	B	C
C120-014-05				.312	8.90	2.00	.105	A	B	C
C120-014-06				.375	7.10	2.00	.122	A	B	C
C120-014-07				.437	6.00	2.00	.139	A	B	C
C120-014-08				.500	5.20	2.00	.156	A	B	C
C120-014-09				.562	4.60	2.00	.172	A	B	C
C120-014-10				.625	4.10	2.00	.189	A	B	C
C120-014-11				.687	3.80	2.00	.206	A	B	C
C120-014-12				.750	3.40	2.00	.223	A	B	C
C120-014-16				1.000	2.50	2.00	.290	A	B	C
C120-014-18				1.125	2.25	2.00	.324	A	B	C
C120-014-20				1.250	2.00	2.00	.357	A	B	C
C120-014-24				1.500	1.76	2.00	.422	A	B	C
C120-016-04	.120	.125	.016	.250	17.50	2.50	.114	A	B	C
C120-016-05				.312	14.00	2.50	.133	A	B	C
C120-016-06				.375	11.00	2.50	.160	A	B	C
C120-016-07				.437	9.50	2.50	.185	A	B	C
C120-016-08				.500	8.50	2.50	.205	A	B	C
C120-016-09				.562	7.50	2.50	.225	A	B	C
C120-016-10				.625	6.50	2.50	.249	A	B	C
C120-016-11				.687	6.00	2.50	.273	A	B	C
C120-016-12				.750	5.00	2.50	.305	A	B	C
C120-016-16				1.000	4.00	2.50	.375	A	B	C
C120-016-18				1.125	3.50	2.50	.442	A	B	C
C120-016-20				1.250	3.20	2.50	.478	A	B	C
C120-016-24				1.500	2.70	2.50	.560	A	B	C
C120-018-04	.120	.125	.018	.250	28.50	3.50	.132	A	B	C
C120-018-05				.312	22.00	3.50	.159	A	B	C
C120-018-06				.375	18.00	3.50	.180	A	B	C
C120-018-07				.437	15.50	3.50	.208	A	B	C
C120-018-08				.500	13.00	3.50	.245	A	B	C
C120-018-09				.562	11.50	3.50	.271	A	B	C
C120-018-10				.625	11.00	3.50	.289	A	B	C
C120-018-11				.687	9.50	3.50	.325	A	B	C
C120-018-12				.750	8.50	3.50	.351	A	B	C
C120-018-16				1.000	6.40	3.50	.455	A	B	C
C120-018-18				1.125	5.60	3.50	.510	A	B	C
C120-018-20				1.250	5.00	3.50	.577	A	B	C
C120-018-24				1.500	4.10	3.50	.697	A	B	C
C120-020-04	.120	.125	.020	.250	47.50	4.75	.150	A	B	C
C120-020-05				.312	36.00	4.75	.185	A	B	C
C120-020-06				.375	29.00	4.75	.215	A	B	C
C120-020-07				.437	24.50	4.75	.250	A	B	C
C120-020-08				.500	21.50	4.75	.280	A	B	C
C120-020-09				.562	18.50	4.75	.310	A	B	C
C120-020-10				.625	16.50	4.75	.345	A	B	C
C120-020-11				.687	15.00	4.75	.375	A	B	C
C120-020-12				.750	13.50	4.75	.410	A	B	C
C120-020-13				.812	12.50	4.75	.430	A	B	C
C120-020-15				.937	10.75	4.75	.510	A	B	C
C120-020-16				1.000	10.00	4.75	.540	A	B	C
C120-020-18				1.125	9.00	4.75	.600	A	B	C
C120-020-20				1.250	8.00	4.75	.660	A	B	C
C120-020-24				1.500	6.50	4.75	.790	A	B	C
C120-022-04	.120	.125	.022	.250	70.00	6.00	.166	A	B	C
C120-022-05				.312	54.00	6.00	.199	A	B	C
C120-022-06				.375	42.00	6.00	.243	A	B	C
C120-022-07				.437	36.00	6.00	.276	A	B	C
C120-022-08				.500	31.00	6.00	.309	A	B	C

For springs not listed as a stock item, please refer to our Custom Compression Spring section on page 10 and call our Customer Service Department at (414) 757-7777.

\*HD = Hard Drawn  
 MW = Music Wire  
 SS = Stainless Steel  
 OT = Oil Tempered

# Fox Valley Spring Company

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category		
								HD	MW	SS
C120-022-09	.120	.125	.022	.562	28.00	6.00	.342	A	B	C
C120-022-10				.625	25.00	6.00	.374	A	B	C
C120-022-11				.687	22.00	6.00	.419	A	B	C
C120-022-12				.750	20.00	6.00	.451	A	B	C
C120-022-13				.812	18.00	6.00	.495	A	B	C
C120-022-15				.937	16.00	6.00	.555	A	B	C
C120-022-16				1.000	15.00	6.00	.600	A	B	C
C120-022-18				1.125	13.00	6.00	.665	A	B	C
C120-022-20				1.250	11.75	6.00	.758	A	B	C
C120-022-24				1.500	9.70	6.00	.902	A	B	C
C148-022-04	.148	.156	.022	.250	39.75	4.50	.140	A	B	C
C148-022-05				.312	30.75	4.50	.169	A	B	C
C148-022-06				.375	24.75	4.50	.198	A	B	C
C148-022-07				.437	21.20	4.50	.227	A	B	C
C148-022-08				.500	18.35	4.50	.259	A	B	C
C148-022-09				.562	16.00	4.50	.285	A	B	C
C148-022-10				.625	14.35	4.50	.314	A	B	C
C148-022-11				.687	13.00	4.50	.343	A	B	C
C148-022-12				.750	11.85	4.50	.373	A	B	C
C148-022-13				.812	10.83	4.50	.401	A	B	C
C148-022-15				.937	9.25	4.50	.459	A	B	C
C148-022-16				1.000	8.65	4.50	.488	A	B	C
C148-022-20				1.250	7.05	4.50	.610	A	B	C
C148-022-24				1.500	5.85	4.50	.724	A	B	C
C180-014-04	.180	.187	.014	.250	5.78	1.09	.069	A	B	C
C180-014-05				.312	4.53	1.09	.077	A	B	C
C180-014-06				.375	3.71	1.09	.086	A	B	C
C180-014-07				.437	3.14	1.09	.094	A	B	C
C180-014-08				.500	2.72	1.09	.103	A	B	C
C180-014-09				.562	2.40	1.09	.112	A	B	C
C180-014-10				.625	2.15	1.09	.120	A	B	C
C180-014-11				.687	1.95	1.09	.129	A	B	C
C180-014-12				.750	1.78	1.09	.138	A	B	C
C180-014-14				.875	1.52	1.09	.155	A	B	C
C180-014-16				1.000	1.32	1.09	.172	A	B	C
C180-014-20				1.250	1.05	1.09	.206	A	B	C
C180-014-22				1.375	.95	1.09	.223	A	B	C
C180-014-24				1.500	.87	1.09	.240	A	B	C
C180-016-04	.180	.187	.016	.250	9.00	1.50	.073	A	B	C
C180-016-05				.312	7.50	1.50	.081	A	B	C
C180-016-06				.375	6.00	1.50	.093	A	B	C
C180-016-07				.437	5.00	1.50	.105	A	B	C
C180-016-08				.500	4.50	1.50	.113	A	B	C
C180-016-09				.562	4.00	1.50	.125	A	B	C
C180-016-10				.625	3.50	1.50	.137	A	B	C
C180-016-11				.687	3.00	1.50	.153	A	B	C
C180-016-12				.750	2.50	1.50	.177	A	B	C
C180-016-14				.875	2.20	1.50	.195	A	B	C
C180-016-16				1.000	1.90	1.50	.220	A	B	C
C180-016-20				1.250	1.50	1.50	.277	A	B	C
C180-016-22				1.375	1.30	1.50	.305	A	B	C
C180-016-24				1.500	1.20	1.50	.342	A	B	C
C180-016-28				1.750	.98	1.50	.405	A	B	C
C180-018-04	.180	.187	.018	.250	13.50	2.38	.086	A	B	C
C180-018-05				.312	11.00	2.38	.100	A	B	C
C180-018-06				.375	9.00	2.38	.114	A	B	C
C180-018-07				.437	8.00	2.38	.123	A	B	C
C180-018-08				.500	7.00	2.38	.132	A	B	C
C180-018-09				.562	6.00	2.38	.150	A	B	C

When using stainless steel, multiply spring rate, maximum load and initial tension by 5/6 (.833).



# Compression Springs

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category *		
								HD	MW	SS
C180-018-10	.180	.187	.018	.625	5.00	2.38	.172	A	B	C
C180-018-11				.687	4.50	2.38	.186	A	B	C
C180-018-12				.750	4.00	2.38	.199	A	B	C
C180-018-14				.875	3.60	2.38	.221	A	B	C
C180-018-16				1.000	3.10	2.38	.256	A	B	C
C180-018-20				1.250	2.50	2.38	.302	A	B	C
C180-018-22				1.375	2.25	2.38	.338	A	B	C
C180-018-24				1.500	2.00	2.38	.374	A	B	C
C180-018-28				1.750	1.69	2.38	.442	A	B	C
C180-020-04	.180	.187	.020	.250	21.00	3.13	.107	A	B	C
C180-020-05				.312	16.00	3.13	.125	A	B	C
C180-020-06				.375	12.75	3.13	.144	A	B	C
C180-020-07				.437	11.00	3.13	.160	A	B	C
C180-020-08				.500	9.25	3.13	.180	A	B	C
C180-020-09				.562	8.25	3.13	.196	A	B	C
C180-020-10				.625	7.25	3.13	.214	A	B	C
C180-020-11				.687	6.50	3.13	.234	A	B	C
C180-020-12				.750	6.00	3.13	.250	A	B	C
C180-020-14				.875	5.10	3.13	.285	A	B	C
C180-020-16				1.000	4.50	3.13	.315	A	B	C
C180-020-20				1.250	3.50	3.13	.385	A	B	C
C180-020-22				1.375	3.20	3.13	.420	A	B	C
C180-020-24				1.500	2.90	3.13	.450	A	B	C
C180-020-28				1.750	2.44	3.13	.530	A	B	C
C180-022-04	.180	.187	.022	.250	30.00	4.00	.111	A	B	C
C180-022-05				.312	24.00	4.00	.128	A	B	C
C180-022-06				.375	20.00	4.00	.144	A	B	C
C180-022-07				.437	17.00	4.00	.161	A	B	C
C180-022-08				.500	14.00	4.00	.188	A	B	C
C180-022-09				.562	12.00	4.00	.210	A	B	C
C180-022-10				.625	10.50	4.00	.238	A	B	C
C180-022-11				.687	9.50	4.00	.260	A	B	C
C180-022-12				.750	8.50	4.00	.287	A	B	C
C180-022-14				.875	7.50	4.00	.310	A	B	C
C180-022-15				.937	6.70	4.00	.346	A	B	C
C180-022-16				1.000	6.30	4.00	.368	A	B	C
C180-022-18				1.125	5.50	4.00	.403	A	B	C
C180-022-20				1.250	5.00	4.00	.446	A	B	C
C180-022-24				1.500	4.10	4.00	.527	A	B	C
C180-022-28				1.750	3.46	4.00	.620	A	B	C
C180-024-04	.180	.187	.024	.250	44.00	5.38	.130	A	B	C
C180-024-05				.312	33.00	5.38	.158	A	B	C
C180-024-06				.375	26.50	5.38	.178	A	B	C
C180-024-07				.437	22.00	5.38	.202	A	B	C
C180-024-08				.500	19.00	5.38	.221	A	B	C
C180-024-09				.562	16.50	5.38	.248	A	B	C
C180-024-10				.625	15.00	5.38	.269	A	B	C
C180-024-12				.750	12.00	5.38	.322	A	B	C
C180-024-14				.875	10.25	5.38	.370	A	B	C
C180-024-16				1.000	9.00	5.38	.416	A	B	C
C180-024-18				1.125	7.75	5.38	.466	A	B	C
C180-024-20				1.250	7.00	5.38	.510	A	B	C
C180-024-24				1.500	5.75	5.38	.598	A	B	C
C180-024-28				1.750	5.00	5.38	.672	A	B	C
C180-024-32				2.000	4.30	5.38	.769	A	B	C
C180-026-04	.180	.187	.026	.250	60.00	6.75	.138	A	B	C
C180-026-05				.312	47.00	6.75	.157	A	B	C
C180-026-06				.375	37.00	6.75	.190	A	B	C
C180-026-07				.437	31.00	6.75	.215	A	B	C

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\*HD = Hard Drawn  
 MW = Music Wire  
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 OT = Oil Tempered

# Fox Valley Spring Company

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category		
								HD	MW	SS
C180-026-08	.180	.187	.026	.500	27.00	6.75	.235	A	B	C
C180-026-09				.562	23.00	6.75	.274	A	B	C
C180-026-10				.625	21.00	6.75	.287	A	B	C
C180-026-11				.687	19.00	6.75	.313	A	B	C
C180-026-12				.750	17.00	6.75	.345	A	B	C
C180-026-13				.812	16.00	6.75	.365	A	B	C
C180-026-14				.875	15.00	6.75	.391	A	B	C
C180-026-16				1.000	12.25	6.75	.453	A	B	C
C180-026-18				1.125	10.80	6.75	.512	A	B	C
C180-026-20				1.250	9.70	6.75	.552	A	B	C
C180-026-24				1.500	8.00	6.75	.680	A	B	C
C180-026-28				1.750	6.90	6.75	.766	A	B	C
C180-026-32				2.000	6.00	6.75	.871	A	B	C
C180-029-04	.180	.187	.029	.250	97.80	9.50	.159	A	B	C
C180-029-05				.312	76.00	9.50	.187	A	B	C
C180-029-06				.375	61.00	9.50	.220	A	B	C
C180-029-07				.437	50.00	9.50	.249	A	B	C
C180-029-08				.500	43.00	9.50	.280	A	B	C
C180-029-09				.562	37.50	9.50	.315	A	B	C
C180-029-10				.625	33.00	9.50	.344	A	B	C
C180-029-11				.687	30.00	9.50	.372	A	B	C
C180-029-12				.750	27.00	9.50	.410	A	B	C
C180-029-13				.812	25.00	9.50	.437	A	B	C
C180-029-14				.875	23.00	9.50	.468	A	B	C
C180-029-15				.937	21.25	9.50	.502	A	B	C
C180-029-16				1.000	19.50	9.50	.532	A	B	C
C180-029-18				1.125	17.50	9.50	.590	A	B	C
C180-029-20				1.250	15.50	9.50	.647	A	B	C
C180-029-22				1.375	14.00	9.50	.715	A	B	C
C180-029-24				1.500	12.75	9.50	.770	A	B	C
C180-029-28				1.750	10.80	9.50	.885	A	B	C
C180-029-32				2.000	9.50	9.50	1.015	A	B	C
C180-032-05	.180	.187	.032	.312	122.00	12.50	.193	A	B	C
C180-032-06				.375	95.00	12.50	.233	A	B	C
C180-032-07				.437	80.00	12.50	.257	A	B	C
C180-032-08				.500	65.00	12.50	.305	A	B	C
C180-032-09				.562	58.00	12.50	.337	A	B	C
C180-032-10				.625	51.00	12.50	.369	A	B	C
C180-032-11				.687	47.00	12.50	.393	A	B	C
C180-032-12				.750	41.00	12.50	.450	A	B	C
C180-032-13				.812	37.00	12.50	.481	A	B	C
C180-032-14				.875	34.00	12.50	.530	A	B	C
C180-032-15				.937	32.00	12.50	.561	A	B	C
C180-032-16				1.000	29.00	12.50	.601	A	B	C
C180-032-18				1.125	26.00	12.50	.655	A	B	C
C180-032-20				1.250	23.50	12.50	.709	A	B	C
C180-032-22				1.375	21.00	12.50	.789	A	B	C
C180-032-24				1.500	19.50	12.50	.837	A	B	C
C180-032-28				1.750	16.50	12.50	.994	A	B	C
C180-032-32				2.000	14.20	12.50	1.120	A	B	C
C210-022-04	.210	.218	.022	.250	19.80	3.00	.112	A	B	C
C210-022-05				.312	15.20	3.00	.130	A	B	C
C210-022-06				.375	12.25	3.00	.139	A	B	C
C210-022-07				.437	10.50	3.00	.156	A	B	C
C210-022-08				.500	9.00	3.00	.174	A	B	C
C210-022-09				.562	7.90	3.00	.193	A	B	C
C210-022-10				.625	7.00	3.00	.209	A	B	C
C210-022-11				.687	6.30	3.00	.229	A	B	C
C210-022-12				.750	5.70	3.00	.246	A	B	C
C210-022-13				.812	5.25	3.00	.264	A	B	C

When using stainless steel, multiply spring rate, maximum load and initial tension by 5/6 (.833).



# Compression Springs

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category *		
								HD	MW	SS
C210-022-16	.210	.218	.022	1.000	4.20	3.00	.317	A	B	C
C210-022-20				1.250	3.40	3.00	.389	A	B	C
C210-022-24				1.500	2.75	3.00	.460	A	B	C
C210-026-04	.210	.218	.026	.250	38.40	5.00	.137	A	B	C
C210-026-05				.312	29.30	5.00	.160	A	B	C
C210-026-06				.375	23.50	5.00	.176	A	B	C
C210-026-07				.437	19.80	5.00	.200	A	B	C
C210-026-08				.500	17.00	5.00	.224	A	B	C
C210-026-09				.562	15.00	5.00	.247	A	B	C
C210-026-10				.625	13.00	5.00	.271	A	B	C
C210-026-11				.687	12.00	5.00	.294	A	B	C
C210-026-12				.750	11.00	5.00	.319	A	B	C
C210-026-13				.812	10.00	5.00	.344	A	B	C
C210-026-16				1.000	8.00	5.00	.416	A	B	C
C210-026-20				1.250	6.30	5.00	.510	A	B	C
C210-026-24				1.500	5.25	5.00	.605	A	B	C
C240-020-04	.240	.250	.020	.250	11.00	2.00	.082	A	B	C
C240-020-05				.312	8.60	2.00	.094	A	B	C
C240-020-06				.375	6.75	2.00	.108	A	B	C
C240-020-07				.437	5.60	2.00	.120	A	B	C
C240-020-08				.500	4.90	2.00	.132	A	B	C
C240-020-09				.562	4.40	2.00	.144	A	B	C
C240-020-10				.625	3.80	2.00	.158	A	B	C
C240-020-11				.687	3.50	2.00	.170	A	B	C
C240-020-12				.750	3.20	2.00	.182	A	B	C
C240-020-13				.812	2.90	2.00	.194	A	B	C
C240-020-14				.875	2.70	2.00	.208	A	B	C
C240-020-16				1.000	2.40	2.00	.232	A	B	C
C240-020-20				1.250	1.90	2.00	.282	A	B	C
C240-020-24				1.500	1.57	2.00	.332	A	B	C
C240-020-28				1.750	1.32	2.00	.382	A	B	C
C240-020-32				2.000	1.15	2.00	.432	A	B	C
C240-024-06	.240	.250	.024	.375	17.00	4.25	.130	A	B	C
C240-024-07				.437	14.50	4.25	.144	A	B	C
C240-024-08				.500	12.25	4.25	.158	A	B	C
C240-024-09				.562	11.00	4.25	.172	A	B	C
C240-024-10				.625	9.75	4.25	.185	A	B	C
C240-024-11				.687	9.00	4.25	.199	A	B	C
C240-024-12				.750	8.00	4.25	.213	A	B	C
C240-024-13				.812	7.30	4.25	.226	A	B	C
C240-024-14				.875	6.60	4.25	.240	A	B	C
C240-024-16				1.000	5.90	4.25	.268	A	B	C
C240-024-20				1.250	4.60	4.25	.322	A	B	C
C240-024-24				1.500	3.75	4.25	.380	A	B	C
C240-024-28				1.750	3.30	4.25	.432	A	B	C
C240-024-32				2.000	2.80	4.25	.485	A	B	C
C240-029-06	.240	.250	.029	.375	33.50	7.00	.170	A	B	C
C240-029-07				.437	27.60	7.00	.190	A	B	C
C240-029-08				.500	23.70	7.00	.210	A	B	C
C240-029-09				.562	20.60	7.00	.230	A	B	C
C240-029-10				.625	18.50	7.00	.249	A	B	C
C240-029-11				.687	16.80	7.00	.268	A	B	C
C240-029-12				.750	15.70	7.00	.288	A	B	C
C240-029-13				.812	14.00	7.00	.310	A	B	C
C240-029-14				.875	12.90	7.00	.329	A	B	C
C240-029-16				1.000	11.30	7.00	.367	A	B	C
C240-029-20				1.250	8.85	7.00	.447	A	B	C
C240-029-24				1.500	7.35	7.00	.526	A	B	C
C240-029-28				1.750	6.25	7.00	.607	A	B	C

For springs not listed as a stock item, please refer to our Custom Compression Spring section on page 10 and call our Customer Service Department at (414) 757-7777.

\*HD = Hard Drawn  
 MW = Music Wire  
 SS = Stainless Steel  
 OT = Oil Tempered

# Fox Valley Spring Company

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category		
								HD	MW	SS
C240-029-32	.240	.250	.029	2.000	5.45	7.00	.690	A	B	C
C240-032-05	.240	.250	.032	.312	62.00	10.00	.161	A	B	C
C240-032-06				.375	50.00	10.00	.178	A	B	C
C240-032-07				.437	43.00	10.00	.201	A	B	C
C240-032-08				.500	36.00	10.00	.225	A	B	C
C240-032-09				.562	32.00	10.00	.249	A	B	C
C240-032-10				.625	28.00	10.00	.275	A	B	C
C240-032-11				.687	25.00	10.00	.297	A	B	C
C240-032-12				.750	22.00	10.00	.329	A	B	C
C240-032-13				.812	20.00	10.00	.353	A	B	C
C240-032-14				.875	19.00	10.00	.369	A	B	C
C240-032-15				.937	17.50	10.00	.393	A	B	C
C240-032-16				1.000	16.00	10.00	.425	A	B	C
C240-032-20				1.250	13.50	10.00	.491	A	B	C
C240-032-22				1.375	12.00	10.00	.549	A	B	C
C240-032-24				1.500	11.00	10.00	.588	A	B	C
C240-032-28				1.750	9.60	10.00	.680	A	B	C
C240-032-32				2.000	8.40	10.00	.772	A	B	C
C240-038-05	.240	.250	.038	.312	127.00	16.00	.191	A	B	C
C240-038-06				.375	101.00	16.00	.219	A	B	C
C240-038-07				.437	84.00	16.00	.248	A	B	C
C240-038-08				.500	72.00	16.00	.286	A	B	C
C240-038-09				.562	64.00	16.00	.305	A	B	C
C240-038-10				.625	57.00	16.00	.334	A	B	C
C240-038-11				.687	51.00	16.00	.362	A	B	C
C240-038-12				.750	46.00	16.00	.390	A	B	C
C240-038-13				.812	42.00	16.00	.419	A	B	C
C240-038-14				.875	38.00	16.00	.457	A	B	C
C240-038-15				.937	35.00	16.00	.496	A	B	C
C240-038-16				1.000	33.00	16.00	.524	A	B	C
C240-038-18				1.125	29.00	16.00	.581	A	B	C
C240-038-20				1.250	26.00	16.00	.647	A	B	C
C240-038-22				1.375	23.00	16.00	.715	A	B	C
C240-038-24				1.500	21.00	16.00	.772	A	B	C
C240-038-28				1.750	18.00	16.00	.879	A	B	C
C240-038-32				2.000	16.00	16.00	.994	A	B	C
C240-038-36				2.250	14.20	16.00	1.140	A	B	C
C240-038-40				2.500	12.60	16.00	1.240	A	B	C
C240-041-05	.240	.250	.041	.312	155.00	17.00	.214	A	B	C
C240-041-06				.375	122.00	17.00	.248	A	B	C
C240-041-07				.437	100.00	17.00	.282	A	B	C
C240-041-08				.500	84.00	17.00	.314	A	B	C
C240-041-09				.562	74.00	17.00	.350	A	B	C
C240-041-10				.625	67.00	17.00	.382	A	B	C
C240-041-11				.687	60.00	17.00	.414	A	B	C
C240-041-12				.750	57.00	17.00	.430	A	B	C
C240-041-13				.812	48.50	17.00	.482	A	B	C
C240-041-14				.875	46.00	17.00	.514	A	B	C
C240-041-15				.937	42.00	17.00	.559	A	B	C
C240-041-16				1.000	39.30	17.00	.582	A	B	C
C240-041-18				1.125	35.00	17.00	.650	A	B	C
C240-041-20				1.250	33.00	17.00	.715	A	B	C
C240-041-22				1.375	27.50	17.00	.782	A	B	C
C240-041-24				1.500	25.70	17.00	.865	A	B	C
C240-041-28				1.750	21.70	17.00	.982	A	B	C
C240-041-32				2.000	19.20	17.00	1.114	A	B	C
C240-041-36				2.250	16.70	17.00	1.250	A	B	C
C240-041-40				2.500	15.00	17.00	1.382	A	B	C
C300-022-06	.300	.312	.022	.375	8.20	2.50	.088	A	B	C

When using stainless steel, multiply spring rate, maximum load and initial tension by 5/6 (.833).



# Compression Springs

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category *		
								HD	MW	SS
C300-022-07	.300	.312	.022	.437	6.80	2.50	.097	A	B	C
C300-022-08				.500	6.50	2.50	.106	A	B	C
C300-022-09				.562	6.00	2.50	.111	A	B	C
C300-022-10				.625	5.00	2.50	.122	A	B	C
C300-022-11				.687	4.50	2.50	.128	A	B	C
C300-022-12				.750	4.00	2.50	.133	A	B	C
C300-022-13				.812	3.50	2.50	.155	A	B	C
C300-022-14				.875	3.00	2.50	.166	A	B	C
C300-022-16				1.000	2.80	2.50	.181	A	B	C
C300-022-20				1.250	2.30	2.50	.207	A	B	C
C300-022-24				1.500	2.00	2.50	.228	A	B	C
C300-022-28				1.750	1.65	2.50	.269	A	B	C
C300-022-32				2.000	1.40	2.50	.313	A	B	C
C300-022-36				2.250	1.21	2.50	.357	A	B	C
C300-022-40				2.500	1.07	2.50	.391	A	B	C
C300-026-07	.300	.312	.026	.437	13.00	4.25	.118	A	B	C
C300-026-08				.500	11.50	4.25	.131	A	B	C
C300-026-09				.562	10.00	4.25	.144	A	B	C
C300-026-10				.625	9.00	4.25	.151	A	B	C
C300-026-11				.687	8.00	4.25	.164	A	B	C
C300-026-12				.750	7.50	4.25	.170	A	B	C
C300-026-13				.812	7.00	4.25	.183	A	B	C
C300-026-14				.875	6.00	4.25	.206	A	B	C
C300-026-15				.937	5.50	4.25	.209	A	B	C
C300-026-16				1.000	5.00	4.25	.229	A	B	C
C300-026-20				1.250	4.30	4.25	.255	A	B	C
C300-026-24				1.500	3.50	4.25	.301	A	B	C
C300-026-28				1.750	3.00	4.25	.343	A	B	C
C300-026-32				2.000	2.60	4.25	.384	A	B	C
C300-026-36				2.250	2.31	4.25	.436	A	B	C
C300-026-40				2.500	2.08	4.25	.479	A	B	C
C300-032-07	.300	.312	.032	.437	27.00	7.50	.169	A	B	C
C300-032-08				.500	23.00	7.50	.185	A	B	C
C300-032-09				.562	20.00	7.50	.201	A	B	C
C300-032-10				.625	18.00	7.50	.217	A	B	C
C300-032-11				.687	16.00	7.50	.241	A	B	C
C300-032-12				.750	15.00	7.50	.249	A	B	C
C300-032-13				.812	13.50	7.50	.265	A	B	C
C300-032-14				.875	12.00	7.50	.289	A	B	C
C300-032-15				.937	11.00	7.50	.313	A	B	C
C300-032-16				1.000	10.00	7.50	.337	A	B	C
C300-032-20				1.250	8.60	7.50	.383	A	B	C
C300-032-24				1.500	7.00	7.50	.450	A	B	C
C300-032-28				1.750	6.00	7.50	.518	A	B	C
C300-032-32				2.000	5.30	7.50	.572	A	B	C
C300-032-36				2.250	4.70	7.50	.635	A	B	C
C300-032-40				2.500	4.10	7.50	.700	A	B	C
C300-038-06	.300	.312	.038	.375	64.00	12.25	.182	A	B	C
C300-038-07				.437	53.00	12.25	.201	A	B	C
C300-038-08				.500	46.00	12.25	.219	A	B	C
C300-038-09				.562	39.00	12.25	.248	A	B	C
C300-038-10				.625	35.00	12.25	.267	A	B	C
C300-038-11				.687	30.00	12.25	.296	A	B	C
C300-038-12				.750	28.00	12.25	.315	A	B	C
C300-038-13				.812	26.00	12.25	.334	A	B	C
C300-038-14				.875	23.00	12.25	.372	A	B	C
C300-038-15				.937	22.00	12.25	.381	A	B	C
C300-038-16				1.000	21.00	12.25	.400	A	B	C
C300-038-18				1.125	19.00	12.25	.428	A	B	C
C300-038-20				1.250	16.00	12.25	.495	A	B	C

For springs not listed as a stock item, please refer to our Custom Compression Spring section on page 10 and call our Customer Service Department at (414) 757-7777.

\*HD = Hard Drawn  
 MW = Music Wire  
 SS = Stainless Steel  
 OT = Oil Tempered

# Fox Valley Spring Company

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category		
								HD	MW	SS
C300-038-22	.300	.312	.038	1.375	15.00	12.25	.533	A	B	C
C300-038-24				1.500	13.50	12.25	.571	A	B	C
C300-038-28				1.750	11.25	12.25	.662	A	B	C
C300-038-32				2.000	9.50	12.25	.772	A	B	C
C300-038-36				2.250	8.60	12.25	.858	A	B	C
C300-038-40				2.500	7.70	12.25	.944	A	B	C
C300-041-06	.300	.312	.041	.375	92.50	15.38	.198	A	B	C
C300-041-07				.437	78.00	15.38	.220	A	B	C
C300-041-08				.500	63.50	15.38	.248	A	B	C
C300-041-09				.562	54.50	15.38	.274	A	B	C
C300-041-10				.625	48.00	15.38	.303	A	B	C
C300-041-11				.687	42.50	15.38	.326	A	B	C
C300-041-12				.750	38.50	15.38	.350	A	B	C
C300-041-13				.812	35.00	15.38	.378	A	B	C
C300-041-14				.875	32.00	15.38	.408	A	B	C
C300-041-15				.937	35.00	15.38	.426	A	B	C
C300-041-16				1.000	28.00	15.38	.452	A	B	C
C300-041-18				1.125	25.50	15.38	.490	A	B	C
C300-041-20				1.250	22.00	15.38	.546	A	B	C
C300-041-22				1.375	20.00	15.38	.591	A	B	C
C300-041-24				1.500	18.00	15.38	.662	A	B	C
C300-041-28				1.750	15.25	15.38	.738	A	B	C
C300-041-32				2.000	13.25	15.38	.847	A	B	C
C300-041-36				2.250	11.85	15.38	.951	A	B	C
C300-041-40				2.500	10.60	15.38	1.040	A	B	C
C300-045-06	.300	.312	.045	.375	124.00	19.75	.226	A	B	C
C300-045-07				.437	103.00	19.75	.260	A	B	C
C300-045-08				.500	90.00	19.75	.271	A	B	C
C300-045-09				.562	77.00	19.75	.316	A	B	C
C300-045-10				.625	69.00	19.75	.339	A	B	C
C300-045-11				.687	61.00	19.75	.372	A	B	C
C300-045-12				.750	55.00	19.75	.406	A	B	C
C300-045-13				.812	51.00	19.75	.417	A	B	C
C300-045-14				.875	46.00	19.75	.451	A	B	C
C300-045-15				.937	42.00	19.75	.496	A	B	C
C300-045-16				1.000	40.00	19.75	.518	A	B	C
C300-045-18				1.125	36.00	19.75	.564	A	B	C
C300-045-20				1.250	32.00	19.75	.631	A	B	C
C300-045-22				1.375	29.00	19.75	.664	A	B	C
C300-045-24				1.500	26.00	19.75	.743	A	B	C
C300-045-28				1.750	22.00	19.75	.860	A	B	C
C300-045-32				2.000	19.00	19.75	.960	A	B	C
C300-045-36				2.250	17.00	19.75	1.080	A	B	C
C300-045-40				2.500	15.30	19.75	1.191	A	B	C
C360-026-08	.360	.375	.026	.500	9.00	3.50	.108	A	B	C
C360-026-09				.562	8.00	3.50	.115	A	B	C
C360-026-10				.625	7.00	3.50	.124	A	B	C
C360-026-11				.687	6.50	3.50	.131	A	B	C
C360-026-12				.750	6.00	3.50	.138	A	B	C
C360-026-13				.812	5.50	3.50	.144	A	B	C
C360-026-14				.875	5.00	3.50	.151	A	B	C
C360-026-15				.937	4.50	3.50	.157	A	B	C
C360-026-16				1.000	4.00	3.50	.170	A	B	C
C360-026-18				1.125	3.50	3.50	.190	A	B	C
C360-026-20				1.250	3.25	3.50	.210	A	B	C
C360-026-24				1.500	2.70	3.50	.239	A	B	C
C360-026-28				1.750	2.40	3.50	.250	A	B	C
C360-026-32				2.000	2.10	3.50	.278	A	B	C
C360-026-36				2.250	1.88	3.50	.317	A	B	C

When using stainless steel, multiply spring rate, maximum load and initial tension by 5/6 (.833).



# Compression Springs

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category *		
								HD	MW	SS
C360-029-08	.360	.375	.029	.500	12.20	4.50	.141	A	B	C
C360-029-09				.562	10.70	4.50	.151	A	B	C
C360-029-10				.625	9.60	4.50	.161	A	B	C
C360-029-11				.687	8.60	4.50	.171	A	B	C
C360-029-12				.750	7.60	4.50	.181	A	B	C
C360-029-13				.812	7.00	4.50	.192	A	B	C
C360-029-14				.875	6.50	4.50	.202	A	B	C
C360-029-15				.937	6.10	4.50	.213	A	B	C
C360-029-16				1.000	5.70	4.50	.222	A	B	C
C360-029-18				1.125	5.00	4.50	.242	A	B	C
C360-029-20				1.250	4.40	4.50	.264	A	B	C
C360-029-22				1.375	4.00	4.50	.283	A	B	C
C360-029-24				1.500	3.65	4.50	.304	A	B	C
C360-029-28				1.750	3.15	4.50	.334	A	B	C
C360-029-32				2.000	2.68	4.50	.384	A	B	C
C360-032-06	.360	.375	.032	.375	25.50	6.25	.120	A	B	C
C360-032-08				.500	18.00	6.25	.145	A	B	C
C360-032-09				.562	16.00	6.25	.161	A	B	C
C360-032-10				.625	14.50	6.25	.169	A	B	C
C360-032-11				.687	13.00	6.25	.177	A	B	C
C360-032-12				.750	12.00	6.25	.182	A	B	C
C360-032-13				.812	11.00	6.25	.201	A	B	C
C360-032-14				.875	10.00	6.25	.209	A	B	C
C360-032-15				.937	9.50	6.25	.225	A	B	C
C360-032-16				1.000	8.50	6.25	.241	A	B	C
C360-032-18				1.125	7.50	6.25	.265	A	B	C
C360-032-20				1.250	7.00	6.25	.277	A	B	C
C360-032-22				1.375	6.50	6.25	.297	A	B	C
C360-032-24				1.500	5.50	6.25	.338	A	B	C
C360-032-28				1.750	4.60	6.25	.381	A	B	C
C360-032-32				2.000	4.00	6.25	.421	A	B	C
C360-032-36				2.250	3.60	6.25	.471	A	B	C
C360-035-07	.360	.375	.035	.437	27.80	7.75	.164	A	B	C
C360-035-08				.500	23.70	7.75	.178	A	B	C
C360-035-09				.562	20.30	7.75	.194	A	B	C
C360-035-10				.625	18.00	7.75	.208	A	B	C
C360-035-11				.687	16.00	7.75	.223	A	B	C
C360-035-12				.750	14.70	7.75	.238	A	B	C
C360-035-13				.812	13.30	7.75	.252	A	B	C
C360-035-14				.875	12.50	7.75	.266	A	B	C
C360-035-15				.937	11.70	7.75	.279	A	B	C
C360-035-16				1.000	11.00	7.75	.293	A	B	C
C360-035-18				1.125	9.50	7.75	.325	A	B	C
C360-035-20				1.250	8.60	7.75	.351	A	B	C
C360-035-22				1.375	7.70	7.75	.381	A	B	C
C360-035-24				1.500	7.00	7.75	.410	A	B	C
C360-035-28				1.750	6.10	7.75	.465	A	B	C
C360-035-32				2.000	5.20	7.75	.525	A	B	C
C360-035-36				2.250	4.60	7.75	.580	A	B	C
C360-035-40				2.500	4.10	7.75	.640	A	B	C
C360-038-07	.360	.375	.038	.437	38.00	10.25	.172	A	B	C
C360-038-08				.500	32.00	10.25	.191	A	B	C
C360-038-09				.562	28.00	10.25	.200	A	B	C
C360-038-10				.625	25.00	10.25	.219	A	B	C
C360-038-11				.687	22.00	10.25	.239	A	B	C
C360-038-12				.750	21.00	10.25	.248	A	B	C
C360-038-13				.812	19.00	10.25	.267	A	B	C
C360-038-14				.875	17.00	10.25	.286	A	B	C
C360-038-15				.937	16.00	10.25	.305	A	B	C
C360-038-16				1.000	15.00	10.25	.324	A	B	C

For springs not listed as a stock item, please refer to our Custom Compression Spring section on page 10 and call our Customer Service Department at (414) 757-7777.

\*HD = Hard Drawn  
 MW = Music Wire  
 SS = Stainless Steel  
 OT = Oil Tempered

# Fox Valley Spring Company

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category		
								HD	MW	SS
C360-038-18	.360	.375	.038	1.125	13.00	10.25	.352	A	B	C
C360-038-20				1.250	12.00	10.25	.381	A	B	C
C360-038-22				1.375	10.00	10.25	.438	A	B	C
C360-038-24				1.500	9.00	10.25	.477	A	B	C
C360-038-28				1.750	8.20	10.25	.518	A	B	C
C360-038-32				2.000	7.50	10.25	.575	A	B	C
C360-038-36				2.250	6.50	10.25	.632	A	B	C
C360-038-40				2.500	5.80	10.25	.714	A	B	C
C360-041-07	.360	.375	.041	.437	50.10	12.50	.199	A	B	C
C360-041-08				.500	42.10	12.50	.218	A	B	C
C360-041-09				.562	37.50	12.50	.233	A	B	C
C360-041-10				.625	32.80	12.50	.254	A	B	C
C360-041-11				.687	30.60	12.50	.272	A	B	C
C360-041-12				.750	27.50	12.50	.288	A	B	C
C360-041-13				.812	25.10	12.50	.306	A	B	C
C360-041-14				.875	22.60	12.50	.332	A	B	C
C360-041-15				.937	20.90	12.50	.351	A	B	C
C360-041-16				1.000	19.20	12.50	.371	A	B	C
C360-041-18				1.125	17.20	12.50	.405	A	B	C
C360-041-20				1.250	15.40	12.50	.444	A	B	C
C360-041-22				1.375	14.20	12.50	.480	A	B	C
C360-041-24				1.500	13.00	12.50	.519	A	B	C
C360-041-28				1.750	10.85	12.50	.600	A	B	C
C360-041-32				2.000	9.55	12.50	.669	A	B	C
C360-041-36				2.250	8.25	12.50	.750	A	B	C
C360-041-40				2.500	7.43	12.50	.830	A	B	C
C360-045-07	.360	.375	.045	.437	75.00	16.50	.215	A	B	C
C360-045-08				.500	65.00	16.50	.232	A	B	C
C360-045-09				.562	55.00	16.50	.260	A	B	C
C360-045-10				.625	49.00	16.50	.271	A	B	C
C360-045-11				.687	44.00	16.50	.294	A	B	C
C360-045-12				.750	40.00	16.50	.316	A	B	C
C360-045-13				.812	37.00	16.50	.339	A	B	C
C360-045-14				.875	33.00	16.50	.361	A	B	C
C360-045-15				.937	30.00	16.50	.395	A	B	C
C360-045-16				1.000	28.00	16.50	.417	A	B	C
C360-045-18				1.125	25.00	16.50	.451	A	B	C
C360-045-20				1.250	22.00	16.50	.512	A	B	C
C360-045-22				1.375	20.00	16.50	.541	A	B	C
C360-045-24				1.500	18.00	16.50	.586	A	B	C
C360-045-28				1.750	15.50	16.50	.681	A	B	C
C360-045-32				2.000	13.30	16.50	.762	A	B	C
C360-045-36				2.250	11.80	16.50	.851	A	B	C
C360-045-40				2.500	10.60	16.50	.945	A	B	C
C360-045-44				2.750	9.37	16.50	1.045	A	B	C
C390-043-08	.390	.406	.043	.500	38.00	11.00	.224	A	B	C
C390-043-09				.562	33.00	11.00	.245	A	B	C
C390-043-10				.625	28.50	11.00	.267	A	B	C
C390-043-11				.687	26.00	11.00	.288	A	B	C
C390-043-12				.750	24.00	11.00	.310	A	B	C
C390-043-13				.812	22.00	11.00	.327	A	B	C
C390-043-14				.875	20.00	11.00	.348	A	B	C
C390-043-15				.937	18.25	11.00	.370	A	B	C
C390-043-16				1.000	17.00	11.00	.391	A	B	C
C390-043-18				1.125	15.00	11.00	.435	A	B	C
C390-043-20				1.250	13.50	11.00	.473	A	B	C
C390-043-22				1.375	12.25	11.00	.516	A	B	C
C390-043-24				1.500	11.25	11.00	.559	A	B	C
C390-043-28				1.750	9.60	11.00	.640	A	B	C

When using stainless steel, multiply spring rate, maximum load and initial tension by 5/6 (.833).



# Compression Springs

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category *		
								HD	MW	SS
C390-047-08	.390	.406	.047	.500	55.00	14.00	.249	A	B	C
C390-047-09				.562	47.50	14.00	.273	A	B	C
C390-047-10				.625	42.00	14.00	.296	A	B	C
C390-047-11				.687	38.00	14.00	.320	A	B	C
C390-047-12				.750	34.50	14.00	.343	A	B	C
C390-047-13				.812	31.50	14.00	.366	A	B	C
C390-047-14				.875	28.50	14.00	.395	A	B	C
C390-047-15				.937	26.50	14.00	.418	A	B	C
C390-047-16				1.000	25.00	14.00	.442	A	B	C
C390-047-18				1.125	22.00	14.00	.489	A	B	C
C390-047-20				1.250	19.30	14.00	.536	A	B	C
C390-047-22				1.375	17.50	14.00	.583	A	B	C
C390-047-24				1.500	16.00	14.00	.630	A	B	C
C390-047-28				1.750	13.60	14.00	.729	A	B	C
C390-047-32				2.000	11.70	14.00	.832	A	B	C
C420-035-08	.420	.437	.035	.500	17.70	6.20	.158	A	B	C
C420-035-10				.625	13.70	6.20	.181	A	B	C
C420-035-12				.750	11.20	6.20	.203	A	B	C
C420-035-14				.875	9.50	6.20	.225	A	B	C
C420-035-16				1.000	8.20	6.20	.249	A	B	C
C420-035-20				1.250	6.50	6.20	.293	A	B	C
C420-035-24				1.500	5.30	6.20	.341	A	B	C
C420-035-28				1.750	4.60	6.20	.380	A	B	C
C420-038-08	.420	.437	.038	.500	23.00	8.00	.172	A	B	C
C420-038-10				.625	18.00	8.00	.200	A	B	C
C420-038-12				.750	14.00	8.00	.229	A	B	C
C420-038-14				.875	12.00	8.00	.258	A	B	C
C420-038-16				1.000	11.00	8.00	.286	A	B	C
C420-038-20				1.250	8.50	8.00	.343	A	B	C
C420-038-24				1.500	7.00	8.00	.381	A	B	C
C420-038-28				1.750	6.00	8.00	.438	A	B	C
C420-038-32				2.000	5.20	8.00	.496	A	B	C
C420-038-36				2.250	4.60	8.00	.550	A	B	C
C420-038-40				2.500	4.20	8.00	.594	A	B	C
C420-042-08	.420	.437	.042	.500	34.00	11.00	.190	A	B	C
C420-042-10				.625	27.00	11.00	.222	A	B	C
C420-042-12				.750	22.00	11.00	.253	A	B	C
C420-042-14				.875	18.50	11.00	.285	A	B	C
C420-042-16				1.000	16.00	11.00	.316	A	B	C
C420-042-20				1.250	13.00	11.00	.369	A	B	C
C420-042-24				1.500	10.50	11.00	.442	A	B	C
C420-042-28				1.750	9.00	11.00	.499	A	B	C
C420-042-32				2.000	7.50	11.00	.580	A	B	C
C420-042-36				2.250	6.70	11.00	.636	A	B	C
C420-042-40				2.500	6.00	11.00	.699	A	B	C
C420-045-08	.420	.437	.045	.500	44.40	13.00	.219	A	B	C
C420-045-10				.625	34.00	13.00	.255	A	B	C
C420-045-12				.750	27.60	13.00	.291	A	B	C
C420-045-14				.875	23.20	13.00	.327	A	B	C
C420-045-16				1.000	20.00	13.00	.363	A	B	C
C420-045-20				1.250	15.70	13.00	.435	A	B	C
C420-045-24				1.500	12.90	13.00	.507	A	B	C
C420-045-28				1.750	11.00	13.00	.577	A	B	C
C420-045-32				2.000	9.60	13.00	.647	A	B	C
C420-045-36				2.250	8.40	13.00	.725	A	B	C
C420-045-40				2.500	7.60	13.00	.791	A	B	C
C420-047-08	.420	.437	.047	.500	54.00	15.50	.218	A	B	C
C420-047-10				.625	41.00	15.50	.260	A	B	C

For springs not listed as a stock item, please refer to our Custom Compression Spring section on page 10 and call our Customer Service Department at (414) 757-7777.

\*HD = Hard Drawn  
 MW = Music Wire  
 SS = Stainless Steel  
 OT = Oil Tempered

# Fox Valley Spring Company

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category		
								HD	MW	SS
C420-047-12	.420	.437	.047	.750	34.00	15.50	.283	A	B	C
C420-047-14				.875	28.00	15.50	.330	A	B	C
C420-047-16				1.000	25.00	15.50	.377	A	B	C
C420-047-20				1.250	19.00	15.50	.447	A	B	C
C420-047-24				1.500	15.50	15.50	.519	A	B	C
C420-047-28				1.750	13.50	15.50	.579	A	B	C
C420-047-32				2.000	11.50	15.50	.683	A	B	C
C420-051-08	.420	.437	.051	.500	72.10	18.70	.255	A	B	C
C420-051-10				.625	54.90	18.70	.300	A	B	C
C420-051-12				.750	44.30	18.70	.345	A	B	C
C420-051-14				.875	37.10	18.70	.390	A	B	C
C420-051-16				1.000	32.00	18.70	.434	A	B	C
C420-051-20				1.250	25.00	18.70	.525	A	B	C
C420-051-24				1.500	20.50	18.70	.615	A	B	C
C420-051-28				1.750	17.40	18.70	.705	A	B	C
C420-051-32				2.000	15.10	18.70	.795	A	B	C
C420-051-36				2.250	13.40	18.70	.881	B	B	D
C420-051-40				2.500	12.00	18.70	.971	B	B	D
C420-055-08	.420	.437	.055	.500	95.00	24.00	.276	A	B	C
C420-055-10				.625	75.00	24.00	.317	A	B	C
C420-055-12				.750	61.00	24.00	.373	A	B	C
C420-055-14				.875	52.00	24.00	.414	A	B	C
C420-055-16				1.000	44.00	24.00	.469	A	B	C
C420-055-20				1.250	35.00	24.00	.551	A	B	C
C420-055-24				1.500	28.00	24.00	.661	A	B	C
C420-055-28				1.750	24.00	24.00	.765	A	B	C
C420-055-32				2.000	21.00	24.00	.841	A	B	C
C420-055-36				2.250	18.00	24.00	.950	B	B	D
C420-055-40				2.500	16.25	24.00	1.045	B	B	D
C420-063-08	.420	.437	.063	.500	183.00	35.50	.315	A	B	C
C420-063-10				.625	137.00	35.50	.375	A	B	C
C420-063-12				.750	109.00	35.50	.436	A	B	C
C420-063-14				.875	91.00	35.50	.496	A	B	C
C420-063-16				1.000	78.00	35.50	.556	A	B	C
C420-063-20				1.250	60.50	35.50	.677	A	B	C
C420-063-24				1.500	49.60	35.50	.796	A	B	C
C420-063-28				1.750	41.90	35.50	.917	B	C	D
C420-063-32				2.000	36.30	35.50	1.043	B	C	D
C420-063-36				2.250	32.00	35.50	1.159	B	C	D
C420-063-40				2.500	28.70	35.50	1.277	B	C	D
C455-039-08	.455	.468	.039	.500	20.00	7.00	.172	A	B	C
C455-039-10				.625	15.70	7.00	.199	A	B	C
C455-039-12				.750	12.60	7.00	.226	A	B	C
C455-039-14				.875	10.80	7.00	.254	A	B	C
C455-039-16				1.000	9.40	7.00	.283	A	B	C
C455-039-20				1.250	7.20	7.00	.339	A	B	C
C455-039-24				1.500	5.90	7.00	.394	A	B	C
C455-039-28				1.750	5.00	7.00	.448	A	B	C
C455-047-08	.455	.468	.047	.500	37.00	11.00	.212	A	B	C
C455-047-10				.625	28.50	11.00	.248	A	B	C
C455-047-12				.750	23.00	11.00	.285	A	B	C
C455-047-14				.875	19.25	11.00	.322	A	B	C
C455-047-16				1.000	16.75	11.00	.359	A	B	C
C455-047-20				1.250	13.00	11.00	.432	A	B	C
C455-047-24				1.500	10.75	11.00	.506	A	B	C
C455-047-28				1.750	9.25	11.00	.575	A	B	C
C455-047-32				2.000	8.00	11.00	.640	A	B	C
C455-047-36				2.250	7.25	11.00	.700	A	B	C

When using stainless steel, multiply spring rate, maximum load and initial tension by 5/6 (.833).



# Compression Springs

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category *		
								HD	MW	SS
C480-038-08	.480	.500	.038	.500	20.00	7.25	.144	A	B	C
C480-038-10				.625	15.00	7.25	.172	A	B	C
C480-038-12				.750	12.50	7.25	.191	A	B	C
C480-038-14				.875	10.50	7.25	.210	A	B	C
C480-038-16				1.000	9.00	7.25	.229	A	B	C
C480-038-20				1.250	7.50	7.25	.267	A	B	C
C480-038-24				1.500	6.00	7.25	.315	A	B	C
C480-038-26				1.625	5.50	7.25	.332	A	B	C
C480-038-28				1.750	4.90	7.25	.361	A	B	C
C480-038-32				2.000	4.25	7.25	.407	A	B	C
C480-038-36				2.250	3.68	7.25	.460	A	B	C
C480-038-40				2.500	3.30	7.25	.503	A	B	C
C480-038-44				2.750	3.00	7.25	.546	A	B	C
C480-038-48				3.000	2.73	7.25	.589	A	B	C
C480-042-08	.480	.500	.042	.500	28.00	9.50	.169	A	B	C
C480-042-10				.625	22.00	9.50	.201	A	B	C
C480-042-12				.750	18.00	9.50	.222	A	B	C
C480-042-14				.875	15.00	9.50	.248	A	B	C
C480-042-16				1.000	13.00	9.50	.274	A	B	C
C480-042-20				1.250	10.00	9.50	.327	A	B	C
C480-042-24				1.500	8.50	9.50	.379	A	B	C
C480-042-26				1.625	7.70	9.50	.400	A	B	C
C480-042-28				1.750	6.90	9.50	.438	A	B	C
C480-042-32				2.000	6.00	9.50	.490	A	B	C
C480-042-36				2.250	5.50	9.50	.504	A	B	C
C480-042-40				2.500	5.00	9.50	.562	A	B	C
C480-042-44				2.750	4.53	9.50	.610	A	B	C
C480-042-48				3.000	4.13	9.50	.659	B	C	D
C480-045-08	.480	.500	.045	.500	35.00	11.50	.119	A	B	C
C480-045-10				.625	28.00	11.50	.215	A	B	C
C480-045-12				.750	22.00	11.50	.248	A	B	C
C480-045-14				.875	19.00	11.50	.271	A	B	C
C480-045-16				1.000	17.00	11.50	.293	A	B	C
C480-045-20				1.250	13.00	11.50	.361	A	B	C
C480-045-24				1.500	11.00	11.50	.372	A	B	C
C480-045-26				1.625	9.75	11.50	.446	A	B	C
C480-045-28				1.750	9.00	11.50	.482	A	B	C
C480-045-32				2.000	7.70	11.50	.541	A	B	C
C480-045-36				2.250	6.70	11.50	.610	A	B	C
C480-045-40				2.500	6.20	11.50	.666	A	B	C
C480-045-44				2.750	5.60	11.50	.686	B	C	D
C480-045-48				3.000	5.10	11.50	.742	B	C	D
C480-051-08	.480	.500	.051	.500	57.00	16.00	.219	A	B	C
C480-051-10				.625	43.00	16.00	.255	A	B	C
C480-051-12				.750	37.00	16.00	.291	A	B	C
C480-051-14				.875	29.50	16.00	.321	A	B	C
C480-051-16				1.000	25.00	16.00	.370	A	B	C
C480-051-20				1.250	19.50	16.00	.439	A	B	C
C480-051-24				1.500	16.00	16.00	.510	A	B	C
C480-051-26				1.625	14.80	16.00	.550	A	B	C
C480-051-28				1.750	13.80	16.00	.586	A	B	C
C480-051-32				2.000	12.00	16.00	.663	A	B	C
C480-051-36				2.250	10.50	16.00	.740	A	B	C
C480-051-40				2.500	9.50	16.00	.816	A	B	C
C480-051-44				2.750	8.32	16.00	.900	A	B	C
C480-051-48				3.000	7.60	16.00	.975	B	C	D
C480-055-08	.480	.500	.055	.500	72.00	20.00	.249	A	B	C
C480-055-10				.625	56.00	20.00	.290	A	B	C
C480-055-12				.750	47.00	20.00	.317	A	B	C

For springs not listed as a stock item, please refer to our Custom Compression Spring section on page 10 and call our Customer Service Department at (414) 757-7777.

\*HD = Hard Drawn  
 MW = Music Wire  
 SS = Stainless Steel  
 OT = Oil Tempered

# Fox Valley Spring Company

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category		
								HD	MW	SS
C480-055-14	.480	.500	.055	.875	38.00	20.00	.373	A	B	C
C480-055-16				1.000	35.00	20.00	.400	A	B	C
C480-055-20				1.250	27.00	20.00	.482	A	B	C
C480-055-24				1.500	22.00	20.00	.565	A	B	C
C480-055-26				1.625	20.00	20.00	.605	A	B	C
C480-055-28				1.750	18.00	20.00	.660	A	B	C
C480-055-32				2.000	16.00	20.00	.720	A	B	C
C480-055-36				2.250	14.20	20.00	.835	A	B	C
C480-055-40				2.500	12.50	20.00	.927	B	B	D
C480-055-44				2.750	10.90	20.00	1.022	B	B	D
C480-055-48				3.000	9.96	20.00	1.107	B	C	D
C480-058-08	.480	.500	.058	.500	98.00	24.00	.265	A	B	C
C480-058-10				.625	75.00	24.00	.315	A	B	C
C480-058-12				.750	61.00	24.00	.354	A	B	C
C480-058-14				.875	51.00	24.00	.398	A	B	C
C480-058-16				1.000	43.00	24.00	.448	A	B	C
C480-058-20				1.250	34.00	24.00	.543	A	B	C
C480-058-24				1.500	28.00	24.00	.634	A	B	C
C480-058-26				1.625	25.50	24.00	.678	A	B	C
C480-058-28				1.750	23.50	24.00	.738	A	B	C
C480-058-32				2.000	20.50	24.00	.826	A	B	C
C480-058-36				2.250	18.00	24.00	.915	B	B	D
C480-058-40				2.500	16.00	24.00	1.000	B	B	D
C480-058-44				2.750	14.74	24.00	1.102	B	C	D
C480-058-48				3.000	13.46	24.00	1.194	B	C	D
C480-063-08	.480	.500	.063	.500	125.00	29.00	.301	A	B	C
C480-063-10				.625	95.00	29.00	.348	A	B	C
C480-063-12				.750	77.00	29.00	.395	A	B	C
C480-063-14				.875	65.00	29.00	.457	A	B	C
C480-063-16				1.000	57.00	29.00	.505	A	B	C
C480-063-20				1.250	45.00	29.00	.600	A	B	C
C480-063-24				1.500	37.00	29.00	.694	A	B	C
C480-063-26				1.625	34.00	29.00	.755	A	B	C
C480-063-28				1.750	31.00	29.00	.818	A	B	C
C480-063-32				2.000	27.00	29.00	.920	A	B	C
C480-063-36				2.250	24.00	29.00	1.037	A	B	C
C480-063-40				2.500	21.30	29.00	1.142	A	B	C
C480-063-44				2.750	19.00	29.00	1.247	B	C	D
C480-063-48				3.000	17.00	29.00	1.354	B	C	D
C480-067-08	.480	.500	.067	.500	179.00	36.50	.305	A	B	C
C480-067-10				.625	133.00	36.50	.361	A	B	C
C480-067-12				.750	106.00	36.50	.416	A	B	C
C480-067-14				.875	88.10	36.50	.471	A	B	C
C480-067-16				1.000	75.40	36.50	.526	A	B	C
C480-067-20				1.250	58.50	36.50	.635	A	B	C
C480-067-24				1.500	47.80	36.50	.746	A	B	C
C480-067-26				1.625	44.10	36.50	.801	B	C	D
C480-067-28				1.750	40.40	36.50	.856	B	C	D
C480-067-32				2.000	35.00	36.50	.966	B	C	D
C480-067-36				2.250	30.80	36.50	1.078	B	C	D
C480-067-40				2.500	27.60	36.50	1.186	B	C	D
C480-067-44				2.750	25.00	36.50	1.294	B	C	D
C480-067-48				3.000	22.80	36.50	1.405	B	C	D
C600-045-08	.600	.625	.045	.500	21.70	7.50	.170	A	B	C
C600-045-10				.625	18.00	7.50	.181	A	B	C
C600-045-12				.750	15.00	7.50	.204	A	B	C
C600-045-14				.875	12.00	7.50	.226	A	B	C
C600-045-16				1.000	10.50	7.50	.249	A	B	C
C600-045-20				1.250	8.00	7.50	.294	A	B	C

When using stainless steel, multiply spring rate, maximum load and initial tension by 5/6 (.833).



# Compression Springs

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category *		
								HD	MW	SS
C600-045-24	.600	.625	.045	1.500	6.50	7.50	.350	A	B	C
C600-045-28				1.750	5.50	7.50	.387	A	B	C
C600-045-32				2.000	4.75	7.50	.443	A	B	C
C600-045-36				2.250	4.20	7.50	.486	A	B	C
C600-045-40				2.500	3.75	7.50	.532	A	B	C
C600-045-44				2.750	3.40	7.50	.576	A	B	D
C600-045-48				3.000	3.10	7.50	.622	A	B	D
C600-045-52				3.250	2.86	7.50	.667	A	B	D
C600-045-56				3.500	2.65	7.50	.711	A	B	D
C600-049-10	.600	.625	.049	.625	28.00	12.00	.200	A	B	C
C600-049-12				.750	23.00	12.00	.221	A	B	C
C600-049-14				.875	19.00	12.00	.245	A	B	C
C600-049-16				1.000	16.00	12.00	.270	A	B	C
C600-049-20				1.250	13.00	12.00	.304	A	B	C
C600-049-24				1.500	10.00	12.00	.368	A	B	C
C600-049-28				1.750	8.50	12.00	.417	A	B	C
C600-049-32				2.000	7.50	12.00	.451	A	B	C
C600-049-36				2.250	6.50	12.00	.500	A	B	C
C600-049-40				2.500	5.75	12.00	.550	A	B	C
C600-049-44				2.750	5.08	12.00	.606	B	B	D
C600-049-48				3.000	4.64	12.00	.654	B	B	D
C600-055-10	.600	.625	.055	.625	40.00	16.25	.228	A	B	C
C600-055-12				.750	33.00	16.25	.249	A	B	C
C600-055-14				.875	27.00	16.25	.290	A	B	C
C600-055-16				1.000	24.00	16.25	.317	A	B	C
C600-055-20				1.250	19.00	16.25	.359	A	B	C
C600-055-24				1.500	15.00	16.25	.427	A	B	C
C600-055-28				1.750	12.75	16.25	.478	A	B	C
C600-055-32				2.000	11.00	16.25	.542	A	B	C
C600-055-36				2.250	9.75	16.25	.599	A	B	C
C600-055-40				2.500	8.90	16.25	.657	A	B	C
C600-055-44				2.750	7.73	16.25	.725	B	B	D
C600-055-48				3.000	7.08	16.25	.780	B	B	D
C600-058-10	.600	.625	.058	.625	53.00	19.50	.258	A	B	C
C600-058-12				.750	42.00	19.50	.288	A	B	C
C600-058-14				.875	35.00	19.50	.317	A	B	C
C600-058-16				1.000	30.00	19.50	.352	A	B	C
C600-058-20				1.250	24.00	19.50	.425	A	B	C
C600-058-24				1.500	19.00	19.50	.482	A	B	C
C600-058-28				1.750	16.00	19.50	.556	A	B	C
C600-058-32				2.000	14.00	19.50	.615	A	B	C
C600-058-36				2.250	12.50	19.50	.705	A	B	C
C600-058-40				2.500	11.25	19.50	.777	A	B	C
C600-058-44				2.750	9.30	19.50	.857	B	C	D
C600-058-48				3.000	8.50	19.50	.924	B	C	D
C600-063-10	.600	.625	.063	.625	64.00	23.00	.285	A	B	C
C600-063-12				.750	53.00	23.00	.316	A	B	C
C600-063-14				.875	45.00	23.00	.347	A	B	C
C600-063-16				1.000	38.00	23.00	.379	A	B	C
C600-063-20				1.250	30.00	23.00	.457	A	B	C
C600-063-24				1.500	24.00	23.00	.552	B	B	C
C600-063-28				1.750	20.00	23.00	.619	B	B	D
C600-063-32				2.000	17.50	23.00	.692	B	B	D
C600-063-36				2.250	15.50	23.00	.761	B	B	D
C600-063-40				2.500	14.00	23.00	.842	B	B	D
C600-063-44				2.750	12.17	23.00	.927	B	C	D
C600-063-48				3.000	11.11	23.00	1.002	B	C	D
C600-063-52				3.250	10.20	23.00	1.077	B	C	D
C600-063-56				3.500	9.50	23.00	1.153	B	C	D

For springs not listed as a stock item, please refer to our Custom Compression Spring section on page 10 and call our Customer Service Department at (414) 757-7777.

\*HD = Hard Drawn  
 MW = Music Wire  
 SS = Stainless Steel  
 OT = Oil Tempered

# Fox Valley Spring Company

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category		
								HD	MW	SS
C600-067-10	.600	.625	.067	.625	80.00	26.00	.302	A	B	C
C600-067-12				.750	63.00	26.00	.361	A	B	C
C600-067-14				.875	50.00	26.00	.403	A	B	C
C600-067-16				1.000	45.00	26.00	.436	B	B	C
C600-067-20				1.250	34.00	26.00	.537	B	B	C
C600-067-24				1.500	29.00	26.00	.605	B	B	C
C600-067-28				1.750	24.00	26.00	.654	B	B	C
C600-067-32				2.000	19.50	26.00	.842	B	B	D
C600-067-36				2.250	17.00	26.00	.944	B	B	D
C600-067-40				2.500	15.00	26.00	1.057	B	B	D
C600-067-44				2.750	13.40	26.00	1.143	B	C	D
C600-067-48				3.000	12.20	26.00	1.241	B	C	D
C600-072-10	.600	.625	.072	.625	103.00	30.00	.346	A	B	C
C600-072-12				.750	78.00	30.00	.397	A	B	C
C600-072-14				.875	68.00	30.00	.432	A	B	C
C600-072-16				1.000	55.00	30.00	.506	B	B	C
C600-072-20				1.250	45.00	30.00	.596	B	B	C
C600-072-24				1.500	36.00	30.00	.686	B	B	D
C600-072-28				1.750	30.00	30.00	.795	B	B	D
C600-072-32				2.000	26.00	30.00	.939	B	B	D
C600-072-36				2.250	23.50	30.00	.994	B	B	D
C600-072-40				2.500	21.00	30.00	1.085	B	B	D
C600-072-44				2.750	19.00	30.00	1.180	B	C	D
C600-072-48				3.000	17.00	30.00	1.280	B	C	D
C720-055-10	.720	.750	.055	.625	28.70	13.00	.203	A	B	D
C720-055-12				.750	23.00	13.00	.221	A	B	D
C720-055-14				.875	20.00	13.00	.242	A	B	D
C720-055-16				1.000	18.50	13.00	.249	B	B	D
C720-055-20				1.250	14.00	13.00	.304	B	B	D
C720-055-24				1.500	11.50	13.00	.331	B	B	D
C720-055-28				1.750	9.00	13.00	.400	B	B	D
C720-055-32				2.000	8.50	13.00	.421	B	B	D
C720-055-36				2.250	7.25	13.00	.467	B	B	D
C720-055-40				2.500	6.60	13.00	.516	B	B	D
C720-055-44				2.750	6.00	13.00	.548	B	B	D
C720-055-48				3.000	5.50	13.00	.587	B	B	D
C720-063-10	.720	.750	.063	.625	41.50	15.50	.263	A	B	D
C720-063-12				.750	33.00	15.50	.284	A	B	D
C720-063-14				.875	28.00	15.50	.316	A	B	D
C720-063-16				1.000	24.00	15.50	.355	B	B	D
C720-063-20				1.250	19.00	15.50	.441	B	B	D
C720-063-24				1.500	15.00	15.50	.489	B	B	D
C720-063-28				1.750	13.00	15.50	.536	B	B	D
C720-063-32				2.000	11.00	15.50	.616	B	B	D
C720-063-36				2.250	10.00	15.50	.673	B	C	D
C720-063-40				2.500	9.00	15.50	.736	B	C	D
C720-063-44				2.750	8.00	15.50	.792	B	C	D
C720-063-48				3.000	7.25	15.50	.860	B	C	D
C720-067-12	.720	.750	.067	.750	50.00	22.00	.286	A	B	D
C720-067-14				.875	40.00	22.00	.319	A	B	D
C720-067-16				1.000	33.00	22.00	.353	B	B	D
C720-067-20				1.250	27.00	22.00	.403	B	B	D
C720-067-24				1.500	22.00	22.00	.471	B	B	D
C720-067-28				1.750	18.00	22.00	.537	B	B	D
C720-067-32				2.000	15.50	22.00	.606	B	B	D
C720-067-36				2.250	14.00	22.00	.669	B	C	D
C720-067-40				2.500	13.75	22.00	.725	B	C	D
C720-067-48				3.000	10.00	22.00	.883	B	C	D
C720-067-52				3.250	9.20	22.00	.935	B	C	D

When using stainless steel, multiply spring rate, maximum load and initial tension by 5/6 (1.833).



# Compression Springs

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category *		
								HD	MW	SS
C720-067-56	.720	.750	.067	3.500	8.51	22.00	.998	B	C	D
C720-072-12	.720	.750	.072	.750	53.00	25.00	.325	A	B	D
C720-072-14				.875	48.00	25.00	.361	B	B	D
C720-072-16				1.000	42.00	25.00	.397	B	B	D
C720-072-20				1.250	33.00	25.00	.470	B	B	D
C720-072-24				1.500	26.00	25.00	.559	B	B	D
C720-072-28				1.750	22.00	25.00	.631	B	B	D
C720-072-32				2.000	20.00	25.00	.686	B	C	D
C720-072-36				2.250	17.00	25.00	.779	B	C	D
C720-072-40				2.500	15.00	25.00	.869	B	C	D
C720-072-48				3.000	14.00	25.00	.927	B	C	D
C720-072-52				3.250	12.50	25.00	1.015	B	C	D
C720-072-56				3.500	10.50	25.00	1.150	B	C	E
C720-080-14	.720	.750	.080	.875	80.26	39.00	.404	B	C	D
C720-080-16				1.000	68.53	39.00	.444	B	C	D
C720-080-20				1.250	52.66	39.00	.526	B	C	D
C720-080-24				1.500	42.92	39.00	.607	B	C	D
C720-080-28				1.750	36.05	39.00	.690	B	C	E
C720-080-32				2.000	31.20	39.00	.770	B	C	E
C720-080-36				2.250	27.47	39.00	.855	B	C	E
C720-080-40				2.500	24.54	39.00	.935	B	C	F
C720-080-44				2.750	22.21	39.00	1.015	B	C	F
C720-080-48				3.000	20.23	39.00	1.095	C	D	F
C720-080-56				3.500	16.98	39.00	1.273	C	D	F
C845-055-12	.845	.875	.055	.750	18.05	10.00	.196	B	C	D
C845-055-14				.875	15.10	10.00	.218	B	C	D
C845-055-16				1.000	12.98	10.00	.271	B	C	D
C845-055-20				1.250	10.13	10.00	.278	B	C	D
C845-055-24				1.500	8.31	10.00	.304	B	C	D
C845-055-32				2.000	6.11	10.00	.370	B	C	E
C845-055-40				2.500	4.83	10.00	.437	B	C	E
C845-055-48				3.000	4.00	10.00	.503	C	D	F
C845-055-56				3.500	3.41	10.00	.569	C	D	F
C845-055-64				4.000	2.97	10.00	.636	C	D	F
C845-063-12	.845	.875	.063	.750	29.30	16.00	.254	B	C	D
C845-063-14				.875	25.00	16.00	.277	B	C	D
C845-063-16				1.000	19.93	16.00	.303	B	C	D
C845-063-20				1.250	15.97	16.00	.350	B	C	D
C845-063-24				1.500	13.34	16.00	.399	C	C	D
C845-063-32				2.000	11.06	16.00	.495	C	C	E
C845-063-40				2.500	8.65	16.00	.594	C	C	E
C845-063-48				3.000	7.19	16.00	.690	C	C	E
C845-063-56				3.500	6.15	16.00	.784	D	D	F
C845-063-64				4.000	5.34	16.00	.878	D	D	F
C845-072-14	.845	.875	.072	.875	40.60	23.00	.309	C	C	D
C845-072-16				1.000	34.91	23.00	.334	C	C	D
C845-072-20				1.250	26.85	23.00	.388	C	C	D
C845-072-24				1.500	21.82	23.00	.442	C	C	D
C845-072-28				1.750	18.37	23.00	.496	D	D	E
C845-072-32				2.000	16.02	23.00	.547	D	D	E
C845-072-40				2.500	12.48	23.00	.658	D	D	E
C845-072-48				3.000	10.39	23.00	.759	D	D	F
C845-072-56				3.500	8.84	23.00	.865	D	D	F
C845-072-64				4.000	6.75	23.00	.950	D	D	F
C845-080-14	.845	.875	.080	.875	57.20	30.00	.362	C	C	D
C845-080-16				1.000	48.50	30.00	.397	C	C	D
C845-080-20				1.250	38.00	30.00	.457	C	C	D

For springs not listed as a stock item, please refer to our Custom Compression Spring section on page 10 and call our Customer Service Department at (414) 757-7777.

\*HD = Hard Drawn  
 MW = Music Wire  
 SS = Stainless Steel  
 OT = Oil Tempered

# Fox Valley Spring Company

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category		
								HD	MW	SS
C845-080-24	.845	.875	.080	1.500	31.00	30.00	.522	C	C	E
C845-080-28				1.750	26.00	30.00	.595	C	C	E
C845-080-32				2.000	22.00	30.00	.670	D	D	F
C845-080-36				2.250	19.50	30.00	.723	D	D	F
C845-080-40				2.500	17.50	30.00	.786	D	D	F
C845-080-44				2.750	15.50	30.00	.865	D	D	F
C845-080-48				3.000	14.50	30.00	.930	D	D	G
C845-080-56				3.500	12.03	30.00	1.083	D	D	G
C845-080-64				4.000	10.00	30.00	1.200	D	D	G
C845-091-16	.845	.875	.091	1.000	55.00	42.00	.498	C	D	F
C845-091-24				1.500	49.00	42.00	.647	C	D	F
C845-091-28				1.750	41.00	42.00	.730	D	D	F
C845-091-32				2.000	35.00	42.00	.820	D	D	F
C845-091-36				2.250	31.00	42.00	.910	D	D	F
C845-091-40				2.500	28.00	42.00	.975	D	D	F
C845-091-44				2.750	25.00	42.00	1.080	D	D	F
C845-091-48				3.000	23.00	42.00	1.185	D	D	G
C845-091-56				3.500	17.00	42.00	1.275	D	D	G
C845-091-64				4.000	11.00	42.00	1.465	D	D	G
C845-098-16	.845	.875	.098	1.000	102.00	50.00	.520	C	D	F
C845-098-20				1.250	78.00	50.00	.617	C	D	F
C845-098-24				1.500	65.00	50.00	.730	C	D	F
C845-098-28				1.750	54.00	50.00	.814	C	D	F
C845-098-32				2.000	46.00	50.00	.917	C	D	F
C845-098-36				2.250	40.00	50.00	1.010	D	D	F
C845-098-40				2.500	36.00	50.00	1.110	D	D	F
C845-098-44				2.750	32.50	50.00	1.220	D	D	G
C845-098-48				3.000	29.50	50.00	1.320	D	D	G
C845-098-56				3.500	25.50	50.00	1.472	D	E	G
C970-072-12	.970	1.000	.072	.750	39.50	20.00	.245	C	D	F
C970-072-16				1.000	27.96	20.00	.297	C	D	F
C970-072-20				1.250	21.64	20.00	.339	C	D	F
C970-072-24				1.500	17.65	20.00	.381	C	D	F
C970-072-28				1.750	14.90	20.00	.423	D	D	F
C970-072-32				2.000	12.90	20.00	.465	D	D	F
C970-072-36				2.250	11.37	20.00	.507	D	D	F
C970-072-40				2.500	10.16	20.00	.548	D	E	G
C970-072-44				2.750	9.16	20.00	.590	D	E	G
C970-072-48				3.000	8.38	20.00	.632	D	E	H
C970-072-56				3.500	7.13	20.00	.716	E	E	H
C970-072-64				4.000	6.21	20.00	.800	E	E	H
C970-080-12	.970	1.000	.080	.750	60.50	30.00	.270	C	D	F
C970-080-16				1.000	43.60	30.00	.330	C	D	F
C970-080-20				1.250	33.90	30.00	.376	C	D	F
C970-080-24				1.500	27.60	30.00	.423	D	D	F
C970-080-28				1.750	23.20	30.00	.470	D	D	F
C970-080-32				2.000	20.00	30.00	.517	D	D	F
C970-080-36				2.250	17.70	30.00	.565	D	D	F
C970-080-40				2.500	15.80	30.00	.612	D	E	G
C970-080-44				2.750	14.30	30.00	.659	D	E	G
C970-080-48				3.000	13.00	30.00	.706	E	E	H
C970-080-56				3.500	11.10	30.00	.800	E	E	H
C970-080-64				4.000	9.65	30.00	.893	E	E	H
C970-095-12	.970	1.000	.095	.750	95.50	46.00	.350	C	D	F
C970-095-16				1.000	76.68	46.00	.417	C	D	F
C970-095-20				1.250	58.27	46.00	.485	C	D	F
C970-095-24				1.500	47.25	46.00	.552	D	D	F
C970-095-28				1.750	39.73	46.00	.618	D	D	F

When using stainless steel, multiply spring rate, maximum load and initial tension by 5/6 (.833).



# Compression Springs

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category *		
								HD	MW	SS
C970-095-32	.970	1.000	.095	2.000	34.30	46.00	.685	D	D	F
C970-095-36				2.250	30.14	46.00	.751	D	D	F
C970-095-40				2.500	29.60	46.00	.817	D	E	G
C970-095-44				2.750	24.28	46.00	.884	D	E	G
C970-095-48				3.000	22.13	46.00	.951	E	E	H
C970-095-56				3.500	18.75	46.00	1.088	E	E	H
C970-095-64				4.000	16.24	46.00	1.222	E	E	H
C970-105-20	.970	1.000	.105	1.250	85.00	58.00	.546	D	D	F
C970-105-24				1.500	69.00	58.00	.650	D	D	F
C970-105-28				1.750	57.00	58.00	.745	D	D	F
C970-105-32				2.000	49.00	58.00	.820	D	D	F
C970-105-36				2.250	43.00	58.00	.905	D	D	F
C970-105-40				2.500	38.00	58.00	1.000	D	E	G
C970-105-44				2.750	34.00	58.00	1.080	D	E	G
C970-105-48				3.000	31.00	58.00	1.170	E	E	H
C970-105-56				3.500	27.00	58.00	1.325	E	E	H
C970-105-64				4.000	23.40	58.00	1.430	E	E	H
C970-112-20	.970	1.000	.112	1.250	105.00	65.00	.605	D	D	F
C970-112-24				1.500	85.00	65.00	.732	D	D	F
C970-112-28				1.750	71.00	65.00	.845	D	D	F
C970-112-32				2.000	61.00	65.00	.947	D	D	F
C970-112-36				2.250	54.00	65.00	1.035	D	D	F
C970-112-40				2.500	47.00	65.00	1.147	D	E	G
C970-112-44				2.750	43.00	65.00	1.237	D	E	G
C970-112-48				3.000	39.00	65.00	1.348	E	E	H
C970-112-56				3.500	33.00	65.00	1.565	E	E	H
C970-112-64				4.000	28.64	65.00	1.634	E	E	H
C970-120-24	.970	1.000	.120	1.500	107.00	80.00	.800	D	D	F
C970-120-28				1.750	95.00	80.00	.905	D	D	F
C970-120-32				2.000	82.00	80.00	1.015	D	D	F
C970-120-36				2.250	71.00	80.00	1.133	D	E	G
C970-120-40				2.500	64.00	80.00	1.254	D	E	G
C970-120-48				3.000	52.00	80.00	1.456	E	E	H
C970-120-56				3.500	44.00	80.00	1.685	E	E	I
C970-120-64				4.000	38.00	80.00	1.925	E	F	I
C1095-082-14	1.095	1.125	.082	.875	42.60	25.00	.287	D	D	F
C1095-082-16				1.000	36.00	25.00	.318	D	D	F
C1095-082-20				1.250	27.90	25.00	.366	D	D	F
C1095-082-24				1.500	22.70	25.00	.410	D	D	F
C1095-082-28				1.750	19.10	25.00	.454	D	D	F
C1095-082-32				2.000	16.50	25.00	.498	D	D	F
C1095-082-40				2.500	13.00	25.00	.586	D	E	G
C1095-082-48				3.000	10.70	25.00	.674	D	E	G
C1095-082-56				3.500	9.10	25.00	.763	E	E	G
C1095-082-64				4.000	7.90	25.00	.851	E	E	G
C1095-093-14	1.095	1.125	.093	.875	64.60	35.00	.343	D	D	F
C1095-093-16				1.000	54.60	35.00	.382	D	D	F
C1095-093-20				1.250	42.50	35.00	.435	D	D	F
C1095-093-24				1.500	34.30	35.00	.492	D	D	F
C1095-093-28				1.750	28.90	35.00	.548	D	D	G
C1095-093-32				2.000	24.90	35.00	.604	D	D	G
C1095-093-40				2.500	19.50	35.00	.716	D	E	H
C1095-093-48				3.000	16.00	35.00	.829	D	E	H
C1095-093-56				3.500	13.65	35.00	.940	E	E	I
C1095-093-64				4.000	11.84	35.00	1.054	E	E	I
C1095-105-16	1.095	1.125	.105	1.000	81.87	45.00	.451	C	D	F
C1095-105-20				1.250	62.10	45.00	.525	D	D	F

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# Fox Valley Spring Company

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category		
								HD	MW	SS
C1095-105-24	1.095	1.125	.105	1.500	50.00	45.00	.598	D	D	F
C1095-105-28				1.750	42.00	45.00	.670	D	D	F
C1095-105-32				2.000	36.16	45.00	.743	D	D	G
C1095-105-40				2.500	28.23	45.00	.890	D	E	G
C1095-105-48				3.000	23.18	45.00	1.036	D	E	H
C1095-105-56				3.500	19.66	45.00	1.182	E	E	H
C1095-105-64				4.000	17.07	45.00	1.328	E	E	H
C1095-105-72				4.500	15.07	45.00	1.475	E	E	H

C1095-112-16	1.095	1.125	.112	1.000	117.00	66.00	.462	D	D	F
C1095-112-24				1.500	71.23	66.00	.608	D	D	F
C1095-112-28				1.750	59.47	66.00	.682	D	D	F
C1095-112-32				2.000	51.16	66.00	.755	D	D	G
C1095-112-36				2.250	44.88	66.00	.828	D	E	G
C1095-112-40				2.500	39.65	66.00	.906	D	E	G
C1095-112-48				3.000	32.72	66.00	1.050	E	E	H
C1095-112-56				3.500	27.76	66.00	1.195	E	E	H
C1095-112-64				4.000	24.03	66.00	1.343	E	F	H
C1095-112-72				4.500	21.24	66.00	1.490	E	F	H

C1095-120-16	1.095	1.125	.120	1.000	153.00	78.00	.502	D	D	F
C1095-120-24				1.500	92.50	78.00	.668	D	D	F
C1095-120-28				1.750	77.20	78.00	.750	D	D	G
C1095-120-32				2.000	66.30	78.00	.833	D	E	G
C1095-120-36				2.250	58.00	78.00	.916	D	E	G
C1095-120-40				2.500	51.60	78.00	.999	E	E	H
C1095-120-48				3.000	42.30	78.00	1.164	E	F	H
C1095-120-56				3.500	35.80	78.00	1.330	F	F	H
C1095-120-64				4.000	31.00	78.00	1.498	F	F	H
C1095-120-72				4.500	27.30	78.00	1.666	F	F	H

C1095-125-16	1.095	1.125	.125	1.000	143.00	90.00	.485	D	D	F
C1095-125-24				1.500	112.00	90.00	.675	D	D	F
C1095-125-28				1.750	91.00	90.00	.768	D	D	F
C1095-125-32				2.000	79.00	90.00	.855	D	E	G
C1095-125-36				2.250	69.00	90.00	.955	D	E	G
C1095-125-40				2.500	61.00	90.00	1.044	E	E	G
C1095-125-48				3.000	50.00	90.00	1.193	E	E	H
C1095-125-56				3.500	42.00	90.00	1.460	E	F	H
C1095-125-64				4.000	36.00	90.00	1.567	E	F	H
C1095-125-72				4.500	32.00	90.00	1.755	F	F	H

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category		
								HD	OT	SS
C1095-135-16	1.095	1.125	.135	1.000	180.00	100.00	.575	D	E	G
C1095-135-24				1.500	140.00	100.00	.783	D	E	G
C1095-135-32				2.000	100.00	100.00	1.000	D	E	G
C1095-135-36				2.250	88.00	100.00	1.098	E	E	H
C1095-135-40				2.500	78.00	100.00	1.205	E	F	H
C1095-135-48				3.000	64.00	100.00	1.425	F	F	H
C1095-135-56				3.500	53.00	100.00	1.665	F	F	H
C1095-135-64				4.000	46.00	100.00	1.868	F	F	H
C1095-135-72				4.500	40.00	100.00	2.063	F	F	I
C1095-135-80				5.000	36.00	100.00	2.302	F	F	I

C1095-148-24	1.095	1.125	.148	1.500	160.00	120.00	.840	G	H	J
C1095-148-32				2.000	129.00	120.00	1.060	G	H	J
C1095-148-36				2.250	111.00	120.00	1.170	G	H	J
C1095-148-40				2.500	98.00	120.00	1.285	G	H	J
C1095-148-44				2.750	88.00	120.00	1.400	G	H	J

When using stainless steel, multiply spring rate, maximum load and initial tension by 5/6 (.833).



# Compression Springs

Fox Valley Stock Number	Outside Diameter (in.)	To Work In Hole Diameter (in.)	Wire Diameter (in.)	Free Length (in.)	Spring Rate (lbs./in.)	Load At Solid Height (lbs.)	Solid Height (in.)	Price Category *		
								HD	OT	SS
C1095-148-48				3.000	80.00	120.00	1.510	G	H	J
C1095-148-56				3.500	67.00	120.00	1.720	G	H	K
C1095-148-64				4.000	59.00	120.00	1.950	G	H	K
C1095-148-72				4.500	51.00	120.00	2.162	G	H	K
C1095-148-80				5.000	46.00	120.00	2.420	G	H	K
C1218-156-36	1.218	1.250	.156	2.250	130.00	140.00	1.165	G	H	J
C1218-156-40				2.500	113.00	140.00	1.280	G	H	J
C1218-156-48				3.000	93.00	140.00	1.500	G	H	J
C1218-156-56				3.500	78.00	140.00	1.735	G	I	J
C1218-156-60				3.750	72.00	140.00	1.825	G	I	J
C1218-156-64				4.000	68.00	140.00	1.950	G	I	J
C1218-156-72				4.500	60.00	140.00	2.165	I	J	K
C1218-156-80				5.000	53.00	140.00	2.375	I	J	K
C1218-162-40	1.218	1.250	.162	2.500	133.00	160.00	1.300	G	H	J
C1218-162-48				3.000	110.00	160.00	1.540	G	H	J
C1218-162-56				3.500	91.00	160.00	1.750	G	I	J
C1218-162-60				3.750	85.00	160.00	1.880	H	I	J
C1218-162-64				4.000	79.00	160.00	1.965	H	J	K
C1218-162-72				4.500	70.00	160.00	2.260	I	J	K
C1218-162-80				5.000	63.00	160.00	2.450	I	J	K
C1218-162-84				5.250	60.00	160.00	2.580	I	J	K
C1400-177-40	1.400	1.437	.177	2.500	149.00	180.00	1.295	G	H	J
C1400-177-48				3.000	120.00	180.00	1.508	G	I	J
C1400-177-56				3.500	100.00	180.00	1.700	H	I	K
C1400-177-64				4.000	87.00	180.00	1.930	H	J	K
C1400-177-68				4.250	81.00	180.00	2.035	I	J	K
C1400-177-72				4.500	76.00	180.00	2.145	I	J	L
C1400-177-80				5.000	69.00	180.00	2.360	I	K	L
C1400-177-84				5.250	65.00	180.00	2.480	I	K	L
C1460-187-40	1.460	1.500	.187	2.500	168.00	200.00	1.290	H	I	K
C1460-187-48				3.000	138.00	200.00	1.535	H	I	K
C1460-187-56				3.500	116.00	200.00	1.760	I	J	K
C1460-187-64				4.000	99.00	200.00	1.970	I	J	L
C1460-187-68				4.250	92.00	200.00	2.080	J	K	L
C1460-187-72				4.500	86.00	200.00	2.200	J	K	M
C1460-187-80				5.000	77.00	200.00	2.430	K	L	M
C1460-187-84				5.250	73.00	200.00	2.580	K	L	M
C1580-207-40	1.580	1.625	.207	2.500	210.00	230.00	1.410	J	K	M
C1580-207-48				3.000	170.00	230.00	1.635	J	K	M
C1580-207-56				3.500	142.00	230.00	1.880	J	K	M
C1580-207-64				4.000	121.00	230.00	2.090	J	K	M
C1580-207-72				4.500	107.00	230.00	2.360	K	L	N
C1580-207-80				5.000	95.00	230.00	2.590	K	L	N
C1580-207-88				5.500	86.00	230.00	2.790	K	L	N
C1580-207-96				6.000	79.00	230.00	2.920	K	L	N
C1687-218-40	1.687	1.750	.218	2.500	228.00	250.00	1.395	J	K	M
C1687-218-48				3.000	181.00	250.00	1.635	J	K	M
C1687-218-56				3.500	152.00	250.00	1.850	J	K	M
C1687-218-64				4.000	130.00	250.00	2.090	J	K	M
C1687-218-72				4.500	114.00	250.00	2.300	K	L	N
C1687-218-80				5.000	102.00	250.00	2.530	K	L	N
C1687-218-88				5.500	91.00	250.00	2.810	K	L	N
C1687-218-96				6.000	84.00	250.00	3.015	K	L	N

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